

Annual Report 2018 - 2019

CENTRE
FOR
POLICY RESEARCH



प्रणीति अनुसंधान केंद्र
CENTRE FOR POLICY RESEARCH

Annual Report

2018 – 2019

CENTRE FOR POLICY RESEARCH
NEW DELHI

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VISION STATEMENT

* VISION

To be a leader among the influential national and international think tanks engaged in the activities of undertaking public policy research and education for moulding public opinion.

* OBJECTIVES

The main objectives of the Centre for Policy Research are:

1. to promote and conduct research in matters pertaining to
 - a. developing substantive policy options;
 - b. building appropriate theoretical frameworks to guide policy;
 - c. forecasting future scenarios through rigorous policy analyses;
 - d. building a knowledge base in all the disciplines relevant to policy formulation;
2. to plan, promote and provide for education and training in policy planning and management areas, and to organise and facilitate Conferences, Seminars, Study Courses, Lectures and similar activities for the purpose;
3. to provide advisory services to Government, public bodies, private sector or any other institutions including international agencies on matters having a bearing on performance and optimum use of national resources for social and economic betterment;
4. to disseminate information on policy issues and know-how on policymaking and related areas by undertaking and providing for the publication of journals, reports, pamphlets and other literature and research papers and books;
5. to engage the public sphere in policy debates; produce policy briefs to liaise with legislatures; and
6. to create a community of researchers.

* LIST OF ACTIVITIES/SUBJECTS PURSUED

1. Political Issues and Governance;
2. International Relations and Foreign Policy/Diplomacy;
3. Economic Policy Issues - National, Bilateral, Regional, and Global;
4. Security - Internal and External;
5. Public Services Delivery Policies;
6. Institutional Design;
7. Civil Society;
8. Regulation of Capitalism;
9. Population, Public Welfare Services, and Sustainable Development;
10. Constitutional and Legal Theory;
11. Institutional and Administrative Capacity Building for delivering Macro- Management of Reforms;
12. Dialogues with Strategic Partner Countries for Enhancing Engagement with Focus on South Asian and other Asian Countries;
13. Sectoral Policies for Infrastructural Development (Energy including Electric Power, Telecommunications, Roads, Ports, Airports etc.); and
14. Regional Development among States with Special Reference to Northeast India and Kashmir.

For general enquiries, please contact:

Office of the President

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CPR Governing Body

(As on 31st March 2019)

- | | |
|--|----------|
| 1. Mr.Eric Gonsalves
Former Secretary, Government of India
C-52, IFS Coop.Group Housing Society
Mayur Vihar, Phase – I
New Delhi – 110 091 | Chairman |
| 2. Dr. (Ms.) Meenakshi Gopinath
Director
Women in Security Conflict Management & Peace (WISCOMP)
A-86 Nizamuddin East
New Delhi – 110 013 | Member |
| 3. Mr. Subodh Bhargava
Former Chairman, Tata Telecommunications Ltd.
Villa 69, De Palm Springs
Golf Course Road, Sector 54
Gurugram - 122001 | Member |
| 4. Mr. Rakesh Bharti Mittal
Vice Chairman
Bharti Enterprises
Bharti Crescent
1, Nelson Mandela Road,
Vasant Kunj, Phase II
New Delhi – 110070 | Member |
| 5. Mr. Shyam Saran
Former Foreign Secretary and Senior Fellow
Centre for Policy Research
Dharma Marg, Chanakyapuri
New Delhi 110021 | Member |
| 6. Ms. Vinita Bali
Independent Director and Strategy Advisor
1104 Prestige Exotica
#3 Cunningham Crescent Road
Bangalore 560 052 | Member |
| 7. Ms. Rama Bijapurkar
Independent Management Consultant and
Professor of Management Practice IIM Ahmedabad
206, Nirman Kendra
Dr. E Moses Road, Mahalakshmi
Mumbai 400 011 | Member |
| 8. Mr. Chandrashekhar Dasgupta | Member |

Former Ambassador and well-known Historian
C-12/11, DLF Qutab Enclave
Phase-I
Gurugram 122 002

- | | |
|---|------------------|
| 9. Mr. Keshav Desiraju
Former Secretary, Government of India
Flat 2A, Sreshta Raajeswari
10, Balaji Nagar, 3 rd Street
Royapettah, Chennai 600 014 | Member |
| 10. Mr. Shyam Divan
Senior Advocate, Supreme Court of India
9, Nizamuddin East
New Delhi - 110013 | Member |
| 11. Member-Secretary
Indian Council of Social Science Research
Aruna Asaf Ali Marg
New Delhi 110 067 | Member |
| 12. Ms. Yamini Aiyar
President and Chief Executive
Centre for Policy Research
Dharma Marg, Chanakyapuri
New Delhi - 110 021 | Member-Secretary |

CPR Executive committee

(As on 31st March 2019)

- | | |
|--|----------|
| 1. Mr.Eric Gonsalves
Former Secretary, Government of India
C-52, IFS Coop.Group Housing Society
Mayur Vihar, Phase – I
New Delhi – 110 091 | Chairman |
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New Delhi – 110 013 | Member |
| 3. Mr. Shyam Saran
Former Foreign Secretary and Senior Fellow
Centre for Policy Research
Dharma Marg, Chanakyapuri
New Delhi 110021 | Member |
| 4. Ms.Yamini Aiyar
President and Chief Executive
Centre for Policy Research
Dharma Marg, Chanakyapuri
New Delhi - 110 021 | Member |

President's Report

I am delighted to present the Center for Policy Research's (CPR) annual report for the financial year 2018-19. This has been an exciting year at CPR as we deepened our engagement in fields of research that CPR has long specialised in but also explored new research areas, critical to policymaking today. As always, my colleagues have been extraordinarily prolific, making important contributions to public policy research and practice in India. It is difficult for an annual report to do justice to the wide range of policy engagements at CPR. But I do hope that this report will give you a glimpse of CPR's fiercely independent spirit, our commitment to democratic dialogue and the sense of intellectual excitement we feel as we try to better understand this increasingly complex world and enrich public policy debates in India.

Keeping alive CPR's long tradition of publishing important scholarly, field-defining books, this year too, CPR faculty published books in fields as diverse as international relations, environmental law, electricity regulation, socio-economic rights and politics. I particularly want to mention two CPR faculty who published their first books to wide acclaim. Zorwar Daulet Singh, a scholar in International Relations made an important contribution through original archival work to understand India's foreign policy in the Nehru and Indira Gandhi years and through this prism understand contemporary foreign policy challenges. Another important publication was Shibani Ghosh's edited volume on Indian environmental law. Drawing on contributions from several leading thinkers and lawyers in the field, this book is the first serious, scholarly engagement with the emerging environmental legal framework in India. CPR faculty also made regular contributions in non-academic journals, newspapers and seminars and in the process, enriched the public discourse, infusing much-needed evidence and sobriety. This year, CPR faculty published 452 articles in major national and international dailies and popular journals.

CPR faculty remains committed to drawing on its academic work to engage in the everyday life of policymaking in India, shaping ideas, offering expertise and seeking to find answers to difficult policy conundrums in partnership with policymakers. This year was particularly special as we received a research chair from the Ministry of Water Resources, River Development and Ganga Rejuvenation (now Ministry of Jal Shakti) to pursue research and support the Ministry in its work on trans-boundary water governance, with a special focus on inter-state river water sharing. CPR faculty, Srinivas Chokkakula has been appointed the research chair. This is the first such research partnership with a national government ministry and is a testament to how much the policymaking community values research input. CPR faculty also continued to serve on several government committees, partnering with government at the state and national levels and providing research inputs and advice to a range of policymakers, from Parliamentarians to civil servants and grassroots administrators. These included the Ministry of Environment, Forest and Climate Change's committee on Environmental Pollution (prevent and control), of which Navroz Dubash is a member, and the Authority and the XIV group of the National Capital Region planning board, of which Partha Mukhopadhyay is a member. CPR continued to make its presence felt on the global stage. Specifically in the area of climate change, Navroz Dubash and Lavanya Rajamani have been appointed as lead authors for the Intergovernmental Panel on Climate Change Sixth Assessment Report, writing chapters on national and sub-national policies and international co-operation, respectively.

In pursuit of its mission to remain at the cutting edge of policy debates, this year, CPR expanded its research horizons to new areas. An important new research program we launched focuses on the specific challenge of building state capacity in India. Drawing on CPR's long-term engagement in policy, this initiative is premised on the understanding that the Indian state needs to urgently deepen its capabilities in ways that enable greater agility, strategic capacity and grassroots implementation capacity. Building these capabilities requires a much deeper understanding of the normative framework of the Indian state, its institutional capabilities and everyday functioning. This research initiative will aim to build a new, multi-disciplinary knowledge base on understanding the Indian state, and through this, generate a renewed debate on institutional and administrative reforms needed to build a 21st-century state. Embedded in this research agenda is a dynamic practice-based model of policy engagement. The

initiative, in collaboration with CPR researchers, will build new spaces to debate the nuts and bolts of administrative reforms and directly partner with government to problem solve collaboratively.

India's changing political economy landscape – shifts in voter behaviour, the changing competitive political party system – is fundamentally altering the dynamics of policymaking and policy implementation. As a policy research institute, understanding these shifts is critical. To this end, in early 2019, we launched a new research program on Indian Politics. This program will study party politics, elections and voter behaviour. Another important policy research area that expanded its footprint is CPRs work on climate change, energy and the environment. Led by Navroz Dubash, CPRs initiative on climate change, energy and the environment – with its long and distinguished engagement on climate change in the national and international arena – expanded to new areas, including air pollution, India's energy transitions, electricity and environmental regulation. This formidable team is truly at the cutting edge of one of the most pressing issues of our time.

As academics and policy practitioners we also seek to bring some nuance and rigour into an increasingly polarised public sphere. This year, we made a concerted effort to enhance our public engagement through seminars, conferences and curated discussion series. In May 2018, we launched “Metamorphoses”, a nine-part dialogue series in partnership with the NITI Aayog and the India International Center to better understand the complex world of technology and its impact on society. As the 2019 general election approached, and party politics took over public debate, we felt it important to infuse much-needed evidence into debates on politics. To do this we collaborated with Ashoka University's Trivedi Center for Political Data to launch a dialogue series on Indian Politics. We also launched a new conference, ‘CPR dialogues,’ that brings CPR research in direct dialogue with policymakers and stakeholders. We hope to make this an annual dialogue series.

None of this would have been possible without CPR's wonderful community of faculty and researchers. Their commitment to excellence, intellectual curiosity, courage to ask difficult questions, and above all, love of a good argument is what makes CPR such a special place. I am, as always, personally grateful to the CPR board for their unflinching support and for holding us to high standards of independence and integrity. But none of this would have been possible without the support of our funders and friends. The trust they have reposed in us has enabled us to stay committed to our research and independence. And finally, our communications and administration teams, especially Mr. Ravi, who remain the backbone of our institution and the only reason why CPRs faculty and researchers can do what they do best, unencumbered by the daily administrative institutional demands.

Before signing off, I would like to make special mention of CPR Chairperson, Mr. Eric Gonsalves, who retired on March 31, 2019. One of India's finest diplomats, Mr. Gonsalves' integrity, commitment to CPR, deep institutional experience and wonderful sense of humour were a source of tremendous strength and motivation for us. He remains our mentor and guide and we hope that we can do him proud in the years to come by staying committed to our core values of fierce independence, a commitment to ideas and argument, and a willingness to objectively assess evidence as we seek answers to complex problems. I would also like to take this opportunity to welcome Dr. Meenakshi Gopinath as CPR's Chairperson from April 2019. It is a true honour for CPR to have someone as distinguished and awe-inspiring as Dr. Gopinath lead us. We are confident that under her guidance, CPR will grow from strength to strength.

Research Publications

The following research publications were brought out during the year 2018-19:

A) Major Books Published

1. *Indian Environmental Law: Key Concepts and Principles*, Edited by Shibani Ghosh, Orient BlackSwan, 2019.
2. *Right to Sanitation in India: Critical Perspectives*, Edited by Philippe Cullet, Sujith Koonan, and Lovleen Bhullar, Oxford University Press, 2019.
3. *Groundwater and Climate Change – Multi-Level Law and Policy Perspectives*, Edited by Philippe Cullet and Raya Marina Stephan, Abingdon: Routledge, 2019.
4. *Power and Diplomacy*, By Zorawar Daulet Singh, Oxford University Press, 2018.
5. *Ideology and Identity: The Changing Party Systems of India*, By Rahul Verma And Pradeep K Chhibber, Oxford University Press: New York, 2018.
6. *Mapping Power: The Political Economy of Electricity in India's States*, Edited by Navroz K Dubash, Sunila S Kale, and Ranjit Bhavvirkar, Oxford University Press, 2018.
7. *Staggering Forward: Narendra Modi and India's Global Ambition*, By Bharat Karnad, Penguin India, 2018
8. *The Right to Food Debates: Social Protection for Food Security in India*, By Harsh Mander, Ashwin Parulkar and Ankita Aggarwal, Orient Blackswan, 2018.

B) Articles Published by CPR Faculty

About **452 articles** were also published by CPR Faculty Members in major national and international dailies and popular journals during the year.

DISCUSSIONS, MEETINGS AND SEMINARS/WORKSHOPS

(Organized by CPR)

During the year under review, CPR organized several seminars and special discussion meetings, in addition to weekly faculty meetings, with distinguished experts and some workshops-cum-conferences. These are listed below:

1. A Roundtable Consultation on 'Cauvery Interstate Coordination Mechanism' organized by Indian Water Resources Society (IWRS), Centre for Policy Research (CPR), and Central Water and Power Engineering Services Association (CWPESA), 3 April 2018
2. Discussion on 'Unpacking India-China Relations' by Shyam Saran, Srinath Raghavan and Zorawar Daulet Singh, 4 April 2018
3. CORP Seminar on 'Understanding Informal Models of Septic Tank Emptying Services: Case Studies From Four Cities in India' by Marie-Hélène Zérah, Tarun Sharma, Anindita Mukherjee, Prashant Arya, 6 April 2018.
4. CPR-World Bank Group Seminar on 'Learning in a Global Context', 9 April 2018.
5. Clearing the Air Seminar Series: 'Campaigning for Air Quality: Lessons from Two Decades of Advocacy' by Anumita Roychowdhury and Navroz K Dubash, 12 April 2018.
6. CPR-CSH Workshop on 'Local Conflicts and Illegalisms in the Production of a Space of Memory in Rio de Janeiro, Brazil' by Nicolas Bautès, 24 April 2018.
7. Talk on 'Re(b)ordering the World: Visual Politics of the (New) Silk Road' by Prof Marina Kaneti, 25 April 2018.
8. Talk on 'The BP Energy Outlook 2040' by Dr Kaushik Deb, 26 April 2018.
9. Keynote: Introducing Metamorphoses by Yochai Benkler, 2 May 2018.
10. Discussion on 'The Inside Story of the Rohingya Crisis: The Road Ahead for Myanmar's Democracy' by Khin Zaw Win and Nimmi Kurian, 10 May 2018.
11. Clearing the Air Seminar Series on 'Power plants as a source of Air Pollution in India' by Vinuta Gopal, Priyavrat Bhati, Ritwick Dutta and Shibani Ghosh, 11 May 2018.
12. Seminar on 'The Paris Rulebook Negotiations: Issues, Options and Challenges', Mr J M Mauskar, Ms Rajasree Ray, Mr Thomas Spencer and Mr Vaibhav Gupta, 21 May 2018.
13. Second Panel Discussion on 'Future of Governance' - part of 'Metamorphoses: Talking Technology' by J Satyanarayana, Ananth Padmanabhan, Chinmayi Arun, Vrinda Bhandari and Justice Bn Srikrishna, 24 May 2018.
14. CPR-TCPD Dialogues on Indian Politics: Discussion on 'Unpacking the results of the Karnataka Elections' by Neelanjan Sircar, Sreenivasan Jain, Manisha Priyam, and Sugata Srinivasaraju, 25 May 2018.
15. 100th CPR-CSH Workshop on Waste collection and recycling in Hanoi: From “đồng nát” to “craft villages” by Marie Lan Nguyen Leroy, Thai Hoa Nguyen and Nguyen Thai Huyen, 29 May 2018.
16. Metamorphoses Special Talk - Leading Digital Transformation and Innovation by Soumitra Dutta, 8 June 2018.
17. CPR-TCPD Dialogues on Indian Politics: Talk on 'Countdown to 2019: A Conversation on Politics, Elections, and Money' by Milan Vaishnav, 20 June 2018.
18. Talk on 'The Crisis of Funds and the Woe of Wage Payment Delays in MGNREGA', 22 June 2018.
19. CPR-CSH Workshop on 'Predicting 2019: How many census towns will there be?' by Shamindra Nath Roy and Kanhu Charan Pradhan, 26 June 2018.
20. Talk on 'Dalit Question and Understanding Communalism in Uttar Pradesh' by Prof Sudha Pai, 27 June 2018.
21. Book launch of 'The Most Dangerous Place: A History of the United States in South Asia' by Srinath Raghavan, Shyam Saran, Suhasini Haider, and Rudra Chaudhuri, 3 July 2018.
22. Third Panel Discussion on 'Vocabulary of the Digital' - part of 'Metamorphoses: Talking Technology' by Prof K Vijay Raghavan, Abhishek Pitti, Dhruv Arora, Mahima Kaul and Prof Gagandeep Kang, 5 July 2018.

23. Interrogating Urbanisation in India: A Two-Part Panel by CPR at AAS-in-Asia by Shrobona Karkun, Sumitra Badrinathan, Megan Reed, Amita Bhide, Ashwin Parulkar, Eesha Kunduri, Neelanjan Sircar, and Mukta Naik, 6 July 2018.
24. CPR-TCPD Dialogues on Indian Politics: Discussion on 'Interpreting the 2019 elections: Settling a Research Agenda' by Ashutosh Varshney, Pradeep Chhibber, Vandita Mishra, Aditi Phadnis, 6 July 2018.
25. Metamorphoses Special Talk - Beyond Techno-Narcissism: Self and Other in the Internet Public Realm by Prof Langdon Winner, 7 July 2018.
26. Talk: 'Compulsory Development: The Ideal Model of Land Acquisition in India and China' by Huang Yinghong, 10 July 2018.
27. Talk on 'Gau' Raksha: The "Cow-Life Controversy" & The Bengali Muslim Public Sphere (1889-90), 11 July 2018
28. Talk on 'Biosphere Meets Public Sphere in the Post-Truth Era', 11 July 2018.
29. Clearing the Air Seminar Series on 'Thick with Dust: Air Pollution in the National Capital Region ', 16 July 2018
30. Book Discussion on 'Intertwined Lives: P N Haksar and Indira Gandhi', 16 July 2018
31. Building Cyber-resilience: The Indian Experience, 18 July 2018
32. Talk on 'Revaluing Waste Land In Liberalizing India: The New Land Acquisition Act As a Polanyian Double Movement', 18 July 2018
33. Talk on 'Indian Development Cooperation: Launch of IDCR Database & Analysis of Trends', 19 July 2018
34. CPR-CSH Workshop on 'A continuum of slums with varying policy needs and little upward mobility: a seven-year investigation in Bengaluru, Jaipur and Patna', 31 July 2018
35. CPR and Prayas (Energy Group) Roundtable on 'Residential Electricity Consumption', 2 August 2018
36. Talk on 'Tribes, Forests and Environment', 7 August 2018
37. Clearing the Air Seminar Series on 'Lessons from the Ground: Civic Engagement with Air Pollution', 8 August 2018
38. 'Rethinking Nationalism', A conversation with Prof Sugata Bose, 8 August 2018
39. Fourth Panel Discussion on 'Technology, Social Divides and Diversity' part of 'Metamorphoses: Talking Technology', 8 August 2018
40. CPR-TCPD Dialogues on Indian Politics: Talk on 'Crony Populism', 9 August 2018
41. Book discussion on 'Rule of Law in India: A Quest for Reason', 10 August 2018
42. Workshop on Colossus: 'The Anatomy of Delhi', 13 August 2018
43. CORP seminar on 'Sanitation Systems: Access, Equity and Sustainability in Wastewater Systems in Tier-II Cities in India', 14 August 2018
44. CPR Roundtable on 'The Opportunities from Energy-Use in Affordable Housing', 23 August 2018
45. CPR-CSH Workshop on 'The "420" State: Politics and Casteism in Bhisti Recruitment as Sanitation Workers in Jaipur Municipal Corporation', 28 August 2018
46. Book Launch of 'Staggering Forward: Narendra Modi and India's Global Ambition', authored by Bharat Karnad, 30 August 2018
47. Talk on 'The Future of Aadhaar: Emerging recommendations from IDinsight's State of Aadhaar Report', 30 August 2018
48. Fifth Panel Discussion on 'Unpacking Media – Digital & Traditional', 5 September 2018
49. Discussion on 'Key Findings of the Status of Policing in India Report- A Study of Performance and Perceptions', Dr Vipul Mudgal, Professor Sanjay Kumar, 12 September 2018
50. NCST and CPR Land Rights Initiative National Seminar on 'Understanding Displacement and Landlessness of, and Atrocities against, Scheduled Tribes', 14 September 2018
51. Talk on 'Samagra Shiksha Abhiyan: How Radical Policy Shifts Have Shaped India's Education System', 14 September 2018
52. Book Launch: 'Mapping Power: The Political Economy of Electricity in India's States', 17 September 2018
53. CPR-British High Commission discussion on 'Women in Foreign Policy' (invite-only), 20 September 2018

54. CPR & IWRS Roundtable Consultation on 'NITI's Composite Water Management Index' (invite only), 20 September 2018
55. CPR-CSH Panel Discussion on 'Future Urban: What Should Urban Research Be?', 25 September 2018
56. CPR-TCPD Dialogues on Indian Politics: Discussion on 'The Long March to 2019: Understanding the rise of farmers movements and its impact on the 2019 election', Harish Damodaran, V M Singh, 28 September 2018
57. Sixth Panel Discussion on 'Automation, Artificial Intelligence & the Future of Jobs', 10 October 2018
58. Inception Workshop on 'Water and Federalism: A Study Supported by The World Bank' (invite only), 12 October 2018
59. CPR and BURO-DAP workshop on 'South-South Collaborations in Urban Theory and Practice: Case presentations from Latin America', 16 October 2018
60. Dialogues on Sanitation: 'Legal Perspectives on Sanitation in Urban India' (invite only), 23 October 2018
61. Panel Discussion on 'Informational Privacy in India: Aadhaar and Beyond', as Part of Our New Series Talking Rights Seriously, 26 October 2018
62. National Workshop on 'Energy and Environment Modelling by WRI-India and CPR in partnership with MoEF&CC', 29 October 2018
63. CPR-CSH Workshop on 'Reforming Failed Infrastructure, Struggling for the State: Lessons from Lebanon', 30 October 2018
64. Round Table on 'Emerging Forms of Hybrid Energy Systems in Cities of the Global South', 30 October 2018
65. CPR, JustJobs Network and Friedrich Ebert Stiftung Panel Discussion on 'Building Jobs Ground Up: Forging Place-based Solution to the Job Crisis', 31 October 2018
66. Talk on 'Pakistan's 2018 Elections: Islamic Parties and the Invention of the 'Moderate' Voter', 2 November 2018
67. Book Launch of 'Democratizing Development: Struggles for Rights and Social Justice in India', 12 November 2018
68. CPR-British High Commission Discussion Series on 'International Security: Countering Terrorism and Violent Extremism' (invite-only), 15 November 2018
69. Seventh Panel Discussion on 'Solutions to Technology Pessimism', 15 November 2018
70. CORP seminar: 'Sustainable Water Resource and Sanitation Management', 19 November 2018
71. CORP seminar: Making Do in a Crowded City: Infrastructure Facing up to In-migration in Johannesburg's Inner City, 22 November 2018
72. CPR-CSH Workshop on 'Iron Cage meets Makeshift Shed - The 'Jugaad' State in Mumbai', 27 November 2018
73. Special Talk on Blending Music with Technology, 27 November 2018
74. Panel Discussion on 'Informational Privacy in India: An Emerging Discourse', 29 November 2018
75. CORP Seminar: Towards Furthering Action Research for Sanitation Workers' Safety, 4 December 2018
76. Talk on 'Pradhan Mantri Jan Arogya Yojana: Lessons from India's Previous Government Health Insurance Programmes', 10 December 2018
77. CPR-TCPD Dialogues on Indian Politics: 'Making Sense of the December 11 Results', 12 December 2018
78. Eighth Panel Discussion: 'Cyber Security', 13 December 2018
79. CPR Dialogues: 'Navigating India's 21st Century Transitions' (invite-only), 17 December 2018
80. Interactive Session for Early Career Scholars with Professor Michael Grubb and Dr Joanna Depledge, 19 December 2018
81. Roundtable on 'Urban India and Climate Change Research', 20 December 2018
82. Talk on 'What is Different about US Foreign Policy and Diplomacy in the Trump Era?', 21 December 2018
83. Seminar on 'Mapping Power: The Political Economy of Electricity in India's States', 10 January 2019

84. CPR-CSH Workshop on 'Urban Mobility and Dengue in Delhi and Bangkok: What Can We Learn from Online Data?', 29 January 2019
85. CPR-British High Commission: Third Panel Discussion on 'Reconnecting the subcontinent' under 'Women in Foreign Policy' discussion series (invite-only), 11 February 2019
86. CPR-JustJobs Network: Public discussion on 'Women in the Workforce', 13 February 2019
87. Valedictory Session: 'Information Technologies – Computing, Communications and Machine Intelligence: The Next Twenty Five Years', 19 February 2019
88. CPR-CSH Workshop on 'The Geography of Jobs: Explaining Employment Growth in India (2005-2013)', 26 February 2019
89. CPR-CSH Workshop on 'The Geography of Jobs: Explaining Employment Growth in India (2005-2013)', 26 February 2019
90. CPR-IIC Discussion on 'Aftermath of the Pulwama Terrorist Attack – Options for India', 1 March 2019
91. CPR-Lokniti-CSDS Discussion on 'Opening the Black Box of Election Polling and Forecasting', the first in a series of events titled 'Conversations on Indian Democracy', 5 March 2019
92. Book Launch and Discussion on 'Titans of the Climate: Explaining Policy Process in United States and China', 6 March 2019
93. CPR-CWC Dialogue Forum: TREAD Talks on 'The Nitrogen Legacy: Long-Term Effects of Water Pollution on Human Capital', 7 March 2019
94. One Thousand Land Laws: Mapping the Maze of Land Regulation in India, Third India Land and Development Conference, March 12–14 2019
95. Dialogues on Sanitation: Assembling Private Sector Participation for a Safe and Sustainable Urban Sanitation Future, 14 March 2019
96. Documentary Screening of 'The Magnificent Journey: Times and Tales of Democracy' directed by Abhijit Banerjee and Ranu Ghosh followed by a Panel Discussion, 25 March 2019
97. CPR-CWC Dialogue Forum: TREAD Talks on 'Intricacies of Interstate Water Coordination Challenges: A View from Rajasthan', 26 March 2019
98. CPR-CSH Workshop on 'A Post Post-Apartheid Urban Praxis', 26 March 2019
99. Book Launch and Discussion on 'The Transformative Constitution: A Radical Biography in Nine Acts' by Gautam Bhatia, 30 March 2019

CPR'S INITIATIVES

1. Accountability Initiative (AI)

Accountability Initiative (AI) marked 10 years of its founding in 2018. The year witnessed several milestones on evidence building, grassroots training and public engagement.

Tracking Social Policy Implementation

The year saw an expansion of AI's flagship Planning, Allocations and Expenditures, Institutions Studies in Accountability (PAISA) methodology to include two new areas: nutrition and water – so as to understand public service delivery and its challenges down to the last mile.

An extensive research study was launched to track the planning, budgeting, fund-flow, and governance structures of publicly funded direct nutrition interventions such as the Integrated Child Development Services (ICDS) and delivery of Vitamin A and Iron and Folic Acid to women and children in twelve districts across six states. The aim is to draw lessons from across states on how to improve the efficiency in design and delivery of nutrition interventions. Further, a new collaborative study with the International Food Policy Research Institute (IFPRI) is currently underway on estimating costs of delivering nutrition interventions at scale in India at the national and sub-national level. The costing work aims to help policy makers, administrators and researchers make informed decisions in their planning and budget analysis to scale up nationally mandated nutrition at the national, state and district levels. A separate costing study for the Common Application Platform for ICDS known as ICDS-CAS is also currently underway in collaboration with UC-San Francisco, Neerman, UC-Berkley, and IFPRI.

In collaboration with Fellows Srinivas Chokkakula and Arkaja Singh, an appraisal of the current status of water resource management was carried out. The study seeks to understand the current incentives and instruments between State and Union governments with respect to water resources and identify opportunities for more sustainable water resource management. An inception workshop for the study, held in October 2018, brought together water experts and policy-makers from states and the union government.

AI published its research study on sanitation conducted on the request of the local administration in Udaipur in August 2018. To share lessons and increase dialogue, two sanitation conferences were held, bringing together research groups and government working in the sanitation sector.

The year also marked the 10th year of AI's flagship Budget Brief series analysing the allocations, expenditures, outputs and outcomes of the Union Government's key social welfare programmes.

Understanding the evolving nature of Fiscal Federalism

Building on analytical work on understanding India's efforts to restructure centre-state relations, following the implementation of the Fourteenth Finance Commission (FFC), a paper co-authored by Avani Kapur and Yamini Aiyar was published in a special volume of the Journal of Regional and Federal Studies in September 2018.

On the request of the FFC, AI built on its previous work on Rural Local Bodies (RLBs) or panchayats by conducting two studies on understanding the impact of the increased devolution to Panchayats by the FFC. The first study was submitted to the Commission in March 2019 and focused on whether the processes and financial flows from the Union Government's Ministry of Finance for the 13th and 14th Finance Commission period had complied in letter and spirit with the recommendations. The second study undertook a sample survey across Gram Panchayats similar to the PAISA for Panchayats study in Karnataka to understand whether money reached the Panchayats, what were the implications of these grants on Gram Panchayat finances, and how they were spent.

AI contributed to an understanding of sub-national spending by undertaking a detailed study of district level treasury spending in two states. The work is part of a larger project by the World Bank Estimating Benefit Incidence at the Sub-National Level in Health and Education.

Improving Accountability in Education

AI conducted a study which maps the time spent by government and municipal school teachers in Delhi on various school activities. Commissioned by the Delhi Commission for Protection of Child Rights (DCPCR), the study unpacks their role and work-related perceptions and is an attempt to improve the quality of learning in classrooms.

Another study parsed school-level data and how it can be used by different stakeholders as an accountability tool. Study findings were presented to relevant stakeholders at the international, national and sub-national levels for increasing uptake of Open School Data, and was published by UNESCO-IIEP.

Trainings: Sensitizing Administrators and the next generation of public policy practitioners

Evidence-based knowledge sharing among changemakers for systemic reforms is one mandate of the research group. For this purpose, AI created a special learning programme for government functionaries, known as Hum Sarkaari Adhikari, focused on drawing AI's research learnings on decentralised governance and facilitate a reflection on the current reality of local governments. At least 50 Panchayat Secretaries in Himachal Pradesh participated in the course.

During the year, AI conducted a number of training sessions for members of the administrative services. These include:

- o Guest lectures on Flagship Course on Health System Strengthening and Sustainable Financing for Senior Health Officials in India' organised by Harvard School of Public Health and Lal Bahadur Shastri National Administrative Academy (LBSNAA)
- o Session on 'Public Expenditure Accountability and Social Audits' as part of probationer training for the Indian Civil Accounts Service organised by NIPFP. The engagement with probationers has sustained momentum for the last 3 years.
- o Session on Monitoring and Evaluation for Indian Economic Service (IES) Probationary Officers

A key next step identified for AI in 2018 was a movement towards the ideal of Responsive Governance which facilitates the creation of a public system that is accountable to citizens in spirit and practice. The research group's public engagement approach was thus streamlined to align with this ideal and sought to increase citizen engagement. The year saw the revamping of a new AI website and the launch of a new '*Policy-in Depth*' discussion series, seeking to connect public policy scholars with young development practitioners and concerned citizens for evidence-based informal dialogues. Three sessions were held across flagship schemes in education, health and livelihood. Avani Kapur and Yamini Aiyar also contributed to a new MOOC by the Centre for Civil Society on Education Policy in India.

Finally, an experiential learning programme for frontline Civil Society Organisation staff, Hum Aur Humaari Sarkaar, was open for applications for the first time. The course was held in Rajasthan and saw engaged participation as a result of which students could take back learning to their workspaces and initiate change at the grassroots. AI also launched a unique governance website in Hindi to provide a sustained chance to upskill.

2. Initiative on Climate, Energy and Environment (ICEE)

In 2018, the Initiative on Climate, Energy and Environment (ICEE) continued to engage with the international climate regime while addressing key elements of India's energy and climate transitions. ICEE launched two new areas of research: the political economy of electricity in India's states and air quality governance. These new areas complemented existing work on demand-side energy policy, sub-national climate action and domestic environmental regulation.

Engaging with the international climate regime

- Lavanya Rajamani's work during the year focused on the 2018 Paris Rulebook, in particular, its implications for India. Following the conclusion of the Paris Rulebook in Katowice in December 2018, Rajamani convened a high-level panel on the future of the international climate regime at the inaugural CPR Dialogues. Her research on the international climate regime was published in various edited volume and journals including the Carbon and Climate Law Review and the Indian Journal of International Law. In recognition of her work, she was invited to deliver a prestigious Hague Academy of International Law Special Course on the International Climate Change Regime, to be published in *Receuil des Cours* in 2019. She also serves as Coordinating Lead Author of the chapter on international cooperation in the Intergovernmental Panel on Climate Change's upcoming Sixth Assessment Report.
- Navroz K. Dubash examined the global equity considerations of the climate regime in co-authored articles in *Nature Climate Change* and *Climatic Change*. He co-authored a global update on national climate legislation, strategy, and targets in the journal *Climate Policy*, which informed the 2018 UNEP Emissions Gap Report and will continue to inform his work as Coordinating Lead Author of the chapter on national and sub-national policies and institutions in the Intergovernmental Panel on Climate Change's upcoming Sixth Assessment Report. In collaboration with colleagues at ICEE, Dubash published articles on multi-criteria decision approaches to integrate energy, climate, and development objectives in *Energy Research and Social Science*.

Exploring India's climate and energy future

- Navroz K. Dubash edited a comprehensive volume on India and climate change entitled *India in a Warming World: Integrating Climate and Development*, (to be published by Oxford University Press in 2019). In recognition of his work on climate change, Dubash was invited to co-author a synthesis article on India's evolving engagement with climate change in the journal *Annual Review of Environment and Resources*.
- ICEE continued to frame debates on India's energy future. Dubash, Radhika Khosla and Ankit Bhardwaj, in collaboration with researchers from International Institute for Applied Systems Analysis (IIASA), published a review paper on India's long-term emissions and energy future in the journal *Environmental Research Letters* and wrote about their findings in blogs in *Carbon Brief* and *Ideas for India*. This work informed the approach of the Ministry of Environment, Forests and Climate Change (MoEF&CC) in commissioning new modelling studies on India's energy future. To share this work with the wider research community, ICEE co-hosted a workshop with World Resources Institute in partnership with the MoEF&CC on sustainable development linkages, demand-side modelling, sub-national modelling, and conceptual challenges in India's energy future.

Uncovering the political economy of electricity in Indian states

- Navroz K. Dubash published an edited volume entitled *Mapping Power: The Political Economy of Electricity in India's States*. The book was launched by Suresh Prabhu (Union Minister of Commerce & Industry and Civil Aviation), Jairam Ramesh (Member of Parliament), Narendra Taneja (National Spokesperson, BJP), and Dr. Pramod Deo (former Chairman, Central Electricity Regulatory Commission). The launch event was followed by a technical panel discussion with Professor D V Ramana (Professor, Xavier Institute of Management Bhubaneswar), Aditi Phadnis (Business Standard), and Shantanu Dixit (Prayas (Energy Group)).
- A curated series of opinion pieces in the *Hindustan Times* introduced the book and highlighted the politics of electricity reform in Uttar Pradesh, West Bengal, Andhra Pradesh, and Karnataka.
- With the aim of building a community of scholars and practitioners in the field of electricity policy and regulation, ICEE co-hosted the first in a series of agenda-setting roundtables with

Prayas (Energy Group) and the Regulatory Assistance Project to discuss India's electricity transition, and reflect on the challenges and opportunities of renewable energy in the power sector.

Addressing air quality governance and regulation in India

- In collaboration with experts, Navroz K. Dubash, Shibani Ghosh, and Santosh Harish published a four-part op-ed series in the Hindustan Times outlining an approach to addressing India's air pollution crisis. A group of CPR faculty and researchers from different focus areas, convened by ICEE, sent comments to the MoEF&CC on its draft National Clean Air Programme. Shibani Ghosh also co-authored a paper on appellate authorities under pollution control laws in the journal *Law, Environment and Development*, and examined India's pollution regulation in her chapter in *Regulation in India: Design, Capacity, Performance*. Santosh Harish regularly commented on developments in the policy landscape in mainstream media outlets including *The Wire*, *Hindustan Times* and *Economic Times*.
- ICEE's work on environmental regulation in the context of air quality has led to an invitation to directly engage with the public response to the crisis. Navroz K. Dubash has been appointed to the Environment Pollution (Prevention and Control) Authority, a statutory body tasked with regulating pollution in the National Capital Region. ICEE has been invited to participate in several civil society processes and deliberations on air quality, notably on the National Clean Air Action Plan (NCAP). Dubash has been invited to write a monthly column in the *Hindustan Times* titled 'Clearing the Air' on issues of environmental governance, including air pollution.
- Shibani Ghosh published an edited volume titled *Indian Environmental Law: Key Concepts and Principles*. The volume examines the role of the Indian judiciary in the evolution and implementation of the legal framework of environmental rights and principles.

Analysing urban climate governance in India

- While Radhika Khosla and Ankit Bhardwaj continued to engage in research on demand-side energy policy, in 2018 they explored the conceptual challenges of India's immense urbanization in the context of climate change. In an article in the journal *Wiley Interdisciplinary Reviews: Climate Change*, they analysed the political motivations and governance forms of urban climate action in India. ICEE also hosted a roundtable on urban India and climate change, in which scholars discussed integrating climate and development planning in cities.

3. Land Rights Initiative (LRI)

The Land Rights Initiative (LRI) team co-organised a National Seminar on Understanding Displacement and Landlessness of, and Atrocities against, Scheduled Tribes with the National Commission for Scheduled Tribes (NCST). The Seminar showcased findings from LRI's report on *The Legal Regime and Political Economy of Land Rights of Scheduled Tribes in Scheduled Areas of India* (LRI Report), and ongoing LRI research on Atrocities against Scheduled Tribes. Co-authored by Namita Wahi and Ankit Bhatia, and including research contributions from Soumya Jha and Aakansha Jain, and former research associates, Pallav Shukla, Spandana Battula, and Pooja Pal, the LRI Report was the outcome of a five-year-long research collaboration with LawTransform, Norway, led by Professor Siri Gloppen.

The LRI Report delineated conflicting policy narratives, and political, legal, and administrative frameworks, responsible for the displacement and landlessness of Scheduled Tribes. The Report also contained extensive primary data on the current geographical mapping of Scheduled areas, and the current distribution of dams, forests, and mining activity in the Scheduled areas. Distinguished panellists – including Dr Nand Kumar Sai, Chairperson, NCST; Raghav Chandra, Secretary, NCST; Yamini Aiyar, President and Chief Executive, CPR; Shyam Babu, Senior Fellow, CPR; Professor Walter Fernandes, Senior Fellow, North Eastern Social Research Centre; Dr Virginius Xaxa, Professor of Eminence, Tezpur University; Ravi Rebbapragada, Executive Director, Samata; Ambrish Mehta, Trustee and Full-time executive, Action Research in Community Health and Development (ARCH-

Vahini) – deliberated upon the LRI findings and made recommendations for tribal empowerment. The NCST officially adopted recommendations from LRI's Report and the NCST-LRI Seminar as part of its Annual Report, 2018, under Article 338 A (5) (e) of the Constitution.

The LRI team widely disseminated the findings of the Report with stakeholders in the government and civil society, at workshops and meetings organised nationally, in New Delhi, Raipur, Jaipur, Bangalore, Gauhati, Shillong, Visakhapatnam, Vizianagaram, Srikakulam, Patna, and Indore, and internationally at Harvard University, Cambridge, and Washington DC.

ONE THOUSAND LAND LAWS: MAPPING THE MAZE OF LAND LAWS IN INDIA

LRI partnered with thirty academic and civil society organisations to help organise the third India Land and Development Conference (ILDC). The LRI team, composed of Namita Wahi, Ankit Bhatia, Soumya Jha, and Aakansha Jain, hosted a panel and conducted a master-class to showcase findings based on analysis of over a thousand land laws for a geographically representative sample of eight states – namely, Andhra Pradesh, Assam, Bihar, Gujarat, Jharkhand, Meghalaya, Punjab, and Telangana. Chaired by Dr T Haque, Former Chairperson, Special Land Cell, NITI Aayog, the panel featured comments on LRI's findings by Raghav Chandra, Ramesh Sharma (National Coordinator, Ekta Parishad), and Arkaja Singh (Fellow, CPR). LRI's research was covered extensively by national and international print media, including Foreign Policy, Thomson Reuters Foundation, Morning Standard, New Indian Express, CNBCTV18, and Devdiscourse.

Namita Wahi also delivered the opening lecture at the ILDC and Thomson Reuters' Journalism Training Workshop and chaired a panel on Status of Women Food Producers' and Policy Recommendations for Recognition of their Identity, organised as part of the Conference. Bhatia and Jain also participated in the ILDC Land Information Ecosystem Workshop.

RESEARCH AND ENGAGEMENT ON CONSTITUTIONAL LAW

Namita Wahi taught a specialised course on Social and Economic Rights and Distributive Justice in India: Land and Healthcare at the Academy of European Law, Human Rights Summer Course, European University Institute, Florence. Wahi presented a paper on the subject at Melbourne Institute for Comparative Constitutional Law, Melbourne Law School.

Namita Wahi wrote an op-ed titled '*The Constitution is a Leap of Faith*' for the Hindustan Times on the occasion of India's Republic Day. She also did a review of Rohit De's book, *A People's Constitution: The Every day life of the law in the Indian Republic*, titled, *A People's Constitution: Always of the People?* for the Indian Constitutional Law blog.

Namita Wahi lectured on The Fundamental Right to Property in the Indian Constitution for Lex Policy, a certificate course organised by the Centre for Civil Society. Wahi participated in the Roundtable on Mapping continuities and changes in Indian Democracy at the inaugural edition of CPR Dialogues.

REALISING HUMAN RIGHT TO WATER

Arkaja Singh and Namita Wahi presented research findings on *Right to Water in Indian cities* and *Litigating the Right to Water in India*, respectively, at the Bergen Exchanges at LawTransform, Chr. Michelsen Institute (CMI), Bergen.

Soumya Jha was a panellist at a discussion on *Elevating water rights to human rights: Has it strengthened marginalized peoples' claim for water?*

CAPACITY BUILDING

- Namita Wahi conducted trainings at the National Institute for Defence Estates Management for civilian and defence officials on the evolution and implementation of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation, and Resettlement Act, 2013.

- Namita Wahi also participated in two workshops on land disputes and land acquisition, organised by the Centre for Rural Studies at the Lal Bahadur Shastri National Academy in Mussoorie.
- Namita Wahi also wrote an op-ed on *How central and state governments have diluted the historic land legislation of 2013*, in the Economic Times.
- Wahi contributed to manifestos of various political parties on land policy, particularly with respect to expeditious resolution of land conflict in India.

LRI SPEAKER SERIES

The LRI Speaker Series, launched in 2015, continues to showcase perspectives on land rights issues by diverse stakeholders, including academics, civil society organisations, journalists, and policymakers. Speakers for this year included Sugata Bose, Gardiner Professor of Oceanic History and Affairs at Harvard University; former Member of Parliament, Raghav Chandra; Sai Balakrishnan, Assistant Professor, Urban Planning, Harvard Graduate School of Design, and Mou Banerjee, Assistant Professor of History, Clemson University. The speakers covered a diverse range of topics including Indian nationalism, land and forest rights of Scheduled Tribes, land acquisition, and the historical land interface of the gau raksha movement.

4. Governance and Public Policy Initiative (GPPI)

The Governance and Public Policy Initiative (GPPI) engaged with various multi-party groups of Parliamentarians and political leaders focusing on a range of issues, namely, Right to Sexual and Reproductive Health, and Personal Data in the Digital Economy: Rights & Safeguards – focusing on the draft Personal Data Protection Bill. Besides these, as part of the ongoing annual overseas academic outreach programs for Indian Parliamentarians, it organised the seventh leg of the Princeton-GPPI-CPR Strategic Affairs Program at Princeton University.

Domestic Roundtable Discussions

1. GPPI-CPR and Global Health Strategies (GHS), as part of their collaborative series of roundtables, organised an interactive discussion with the Parliamentarians on “*Right to Sexual and Reproductive Health*” on July 24, 2018 to discuss the key issues of the Medical Termination of Pregnancy (MTP) and the proposed amendments of the MTP Act, 1971. Three renowned speakers - Dr C N Purandare, President, International Federation of Gynaecology and Obstetrics (FIGO); Dr Jaydeep Tank, Deputy Secretary General, The Federation of Obstetric & Gynaecological Societies of India (FOGSI); and Dr Nozer Sheriar, Former Secretary General, FOGSI deliberated on current challenges and need for revising the 46 year old law. It was followed by a signature campaign by the participating MPs addressed to the Prime Minister requesting for proposed MTP amendments to be introduced on an urgent basis.
2. As the Personal Data Protection Bill is soon going to be tabled in the Parliament, GPPI along with the Omidyar Network organised a Roundtable Discussion on “*Personal Data in the Digital Economy: Rights & Safeguards*” on Dec 13, 2018 which featured detailed presentations on the Fundamental Principles of Data Privacy which has at its root – personal data, User Protections & Regulatory Design for Data Protection in India, and Exceptions and Limitations in the Draft Bill – which were discussed by three specialists, Mr Rahul Matthan, Partner, Trilegal; Ms Malavika Raghavan, Project Head, Future of Finance Initiative at Dvara Research; and Mr Ananth Padmanabhan, Fellow, Centre for Policy Research. The discussion was chaired and moderated by Prof Rajeev Gowda, MP, Rajya Sabha, and attended by a multi-party group of Members of Parliament from both Houses as well as political leaders.

International Academic Programs

1. *Princeton*: The 2018 Princeton – GPPI-CPR Strategic Affairs Program, which is in its seventh year, was held from April 22–25, 2018. This year the final session of this program was conducted at the

5. CPR-Namati Collaborative Program on Environmental Justice

Research on Development induced Land Use Change across three countries – India, Indonesia and Myanmar

Last year the program concluded a three-year-long study on conflicts over land and natural resources in India, Indonesia and Myanmar. The findings of the study were published in four parts:

- Overview- Midcourse Manoeuvres: Community Strategies and Remedies for Natural Resource Conflicts in India, Indonesia and Myanmar
- Country Report-Midcourse Manoeuvres: Community Strategies and Remedies for Natural Resource Conflicts in Myanmar
- Country Report-Midcourse Manoeuvres: Community Strategies and Remedies for Natural Resource Conflicts in Indonesia
- Country Report-Midcourse Manoeuvres: Community Strategies and Remedies for Natural Resource Conflicts in India

The report, besides drawing from already carried out research in the field, relies on an analysis of permissions granted for land transformations in the three countries over the last few decades, analysis of a database created on conflicts as reported in the media and in-depth case studies based on field visits and interviews. The report highlights that citizens and communities affected by land-use change use varied strategies such as administrative complaints, protests, litigation, media campaigns and political advocacy to engage in improving project design and implementation, increase compensations, restore community access to resources and get a review on the operations of harmful projects. The distilled learning from these reports was also shared via a series of blogs on CPR website and short articles on various web portals.

Generating evidence of environmental non-compliance by Industrial units and development projects

CPR-Namati Environmental Justice Program is an applied research Program which tries to understand the environmental regulatory systems in the country and engage with it to generate evidence on efforts and policy changes required to make environmental governance more effective and democratic in nature. It comprises of a network of grassroots paralegals who work very closely with the administrative bodies and affected population to create an interface between the two actors in this space. Last year the program team undertook two “ground-truthing” exercises to understand the environmental impacts on the communities arising out of non-compliance of environmental safeguards by a mining site in Chhattisgarh and a Port in Goa. These exercises culminated into two research reports:

1. Closing the Enforcement Gap: Community-led Groundtruthing of Environmental Violations in Mormugao, Goa
2. Closing the Enforcement Gap: Groundtruthing of Environmental Violations in Bodai-Daldali, Chhattisgarh

Research and Handouts on how to improve community engagement with environmental regulatory systems for robust environmental governance in the country

In association with Duleep Muthai Trust, the program published three handouts on the legal mechanisms/framework around protected areas and common lands, using state-specific laws across

Chhattisgarh, Gujarat, Odisha and Karnataka. This material provides information on the legal provisions under which each area is formed, spaces available for the local communities to engage, and the monitoring mechanisms for its proper implementation. The themes for the three legal handouts are mentioned below:

- Legal Mechanisms Available in Human-Wildlife Conflict – Chattisgarh,/Odisha/ Karnataka/Gujarat
- Legal Framework for Protecting Common Lands in Chhattisgarh/ Odisha/ Karnataka/ Gujarat
- Legal framework for conservation and protection areas.

Trainings on Groundtruthing Methodology for local communities to address Environmental Non-Compliance

In partnership with OXFAM, the program trained numerous grassroots organizations across Chhattisgarh, Jharkhand and Odisha on environmental legal compliance and problem-solving techniques using groundtruthing methodology. The program prepared training modules and designed the trainings based on learnings from the ground. It was tailored to address the specific situation of people living near protected areas or development projects and placed great emphasis on institutional mapping, finding legal hooks, evidence collection, documentation and research-based methods. The program was able to train around 100 participants across these three states.

Program's Engagement in Policy Landscape

- A case for policy submission was made on the draft National Clean Air Program by program managers across all the field sites jointly. This submission drew from case experiences of our paralegals and community partners impacted by air pollution from industrial noncompliance across Gujarat, Chhattisgarh, Karnataka and Odisha. The submission included recommendations from the community partners who are affected by air pollution due to regular legal violations committed by industrial units.
- On September 10, 2018, the MoEF&CC issued a draft amendment to the Environment Impact Assessment (EIA) Notification, 2006 and proposed to include a randomised third-party monitoring system to address the issue of environmental non-compliance by projects and industrial units. In response to this draft amendment, program's submission suggested that affected people be made part of third-party monitoring mechanism which should enable them to collaborate with regulators towards better monitoring and compliance with environmental safeguards.
- A submission was made on the draft CRZ notification 2018. The submission was based on comparative analysis of the earlier CRZ notification 2011, Shailesh Nayak Committee Report and Draft CRZ notification 2018. 2018. It also drew on information from cases of CRZ violations across field sites, highlighting the issues and concerns of coastal communities in Gujarat and Uttara Kannada in Karnataka, in particular.

Media Engagement on new CRZ draft Notification 2018

As a follow-up to the submission on the draft CRZ Notification, 2018, the CPR-Namati Environmental Justice team produced a three-part blog series on the CRZ law to stir a larger debate on this notification and its ever-changing focus. This series also covered the popular mandate of the coastal communities and various other stakeholders regarding the new CRZ Notification, 2018. The blog series was picked

up by popular dailies such as Hindustan Times, Scroll.in, Mongabay India and Mint in their coverage on the issue. The series also garnered interest from various fisher groups, collectives, movements, organisations and individuals working for the rights of coastal communities.

6. Technology & Society (TechSoc) Initiative

India has witnessed an increasing reliance on technological solutions to drive governance and public policy and expanding regulatory attention from the State towards emerging technologies and their promises and perils. With this as the backdrop, CPR launched a new initiative to inform policymaking in this realm and conduct research on technology's societal impact. Formally launched as part of the inaugural CPR Dialogues, the panel discussions provided a platform for leaders from India's technology policy ecosystem to express their views on the transformative potential of responsible innovation, and the exigent steps India ought to take to actualise this potential. Under the leadership of Ananth Padmanabhan, legal scholar and technology policy researcher, this initiative undertook research on a range of exciting themes over the past year.

Regulating E-Commerce

The Government of India has come out with multiple draft versions of a national e-commerce policy. Responding to these regulatory forays, Ananth co-authored a white paper with Arjun Sinha, Partner, Cantor Associates to outline principles central to the regulation of this sector. This white paper takes note of fundamental flaws in the proposed policy approach, including regulatory over-reach and the absence of data-driven policy resolutions. It advances a range of reformative principles such as a close fit between the definition of "e-commerce" and harms that demand immediate redressal, assessment and application of regulatory proportionality when addressing data protection and storage concerns, and effective enforcement of non-negotiable rules and prescriptions. The white paper emerged from a multi-stakeholder conversation that the Technology and Society Initiative had organised in September, 2018.

Protecting Personal Data

In collaboration with the Governance and Public Policy Initiative, Ananth Padmanabhan organised a convening of sitting Members of Parliament in December, 2018, to discuss the proposed personal data protection bill emerging from the Justice Srikrishna Committee deliberations. Rahul Matthan, Founding Partner, Trilegal and Malavika Raghavan, Head, Future of Finance Initiative at Dvara Research, addressed the hon'ble MPs on important aspects of the bill.

With generous support from the Omidyar Network, the Technology and Society Initiative organised a half-day workshop in November, 2018 for the benefit of senior officials from various embassies. This workshop hosted several experts who addressed the gathering on various aspects of the personal data protection bill. Ananth has also co-authored a pioneering chapter on regulating big data in an important new volume, *Regulation in India: Design, Capacity and Performance* (Hart Publishing, 2019).

Other Highlights

The technology and society initiative formally responded to the Telecom Regulatory Authority of India's consultation paper on regulation of over-the-top digital platforms. They also collaborated with the British Embassy to organise a panel on regulation of data at the FutureTech Festival in December 2018. Earlier this year, Ananth spent two months in Washington D.C. as part of the inaugural cohort of US-India Public Interest Technology Fellows supported by New America, conducting research on privacy in drone systems. He has also contributed prolifically on diverse technology policy issues for *ThePrint* and has been profiled by this digital platform as one of India's promising future intellectuals.

FUNDED RESEARCH PROJECTS

1. Scaling City Institutions for India (SCI-FI): Sanitation

The Scaling City Institutions for India (SCI-FI): Sanitation Initiative aims to inform and support the formulation and implementation of the Government of India's urban sanitation programmes and investments, and explore non-sewered sanitation service delivery models in small towns in order to create safer and more sustainable sanitation in urban areas. Over the past year, the project focused attention on some emerging questions and policy challenges of the sanitation sector. These include understanding enabling options for systematic private sector participation in Faecal Sludge Management (FSM), enabling legal and regulatory framework for FSM operations, review of variations in existing FSM technical systems, retrofitting possibilities and reuse policy, mapping of non-governmental ecosystem to strengthen FSM in the State of Odisha, strengthening capacities of ULBs on developing O&M models and sustaining FSM services and Faecal Sludge and Septage Management (FSSM) bye-laws specific to the city of Udaipur. The programme significantly scaled up its outreach and dissemination efforts in this period, focusing its efforts on building networks and collaborations with other institutions whose work is related to the field of sanitation. This outreach was carried out through CORP Talks, a dialogue series on sanitation focused on various thematic areas, as well as through more opportunistic meetings and discussions with other institutions. A total of 42 key outputs (including meetings) have been completed for the reporting period from April 1, 2018 to Mar 31, 2019.

Studies Undertaken:

BUILDING REGULATIONS FOR FAECAL SLUDGE MANAGEMENT: REVIEW OF BUILDING REGULATIONS FROM INDIAN STATES (Report)

The 'Containment' Aspect of Non-Networked or On-Site Sanitation is very often captured by Building Bye-Laws and Regulations, the responsibility of enforcement of which usually lies with the local bodies. In this report, Arkaja Singh looks at building regulations in selected states to understand how these building regulations seek to regulate on-site sanitation systems and highlight regulatory gaps within these building bye-laws or regulations. The author has viewed what the building regulations speak about on-site containment, and to what extent they impose clear legal obligations on developers and owners of properties. The author has looked at the regulation's states of Odisha, Andhra Pradesh, Maharashtra, Tamil Nadu, Rajasthan and Uttar Pradesh for the purpose of this report.

STUDY ON HOUSEHOLD CONTAINMENT SYSTEMS IN SELECTED STATES IN INDIA (Report)

On-site sanitation systems have been the predominant alternative to the sewerage network in urban India, but inadequate regulatory oversight, complex technical standards, and limited technical awareness of masons and a resilience-building approach of households have resulted in unfettered proliferation of ill-constructed systems which may pose a threat to the surrounding environment and communities. In adopting FSSM since the promulgation of the national policy governing the matter in 2017, the dominant response of individual states has been to attempt enforcement of maintenance practices and construction of facilities for off-site treatment of septage (FSTPs), even as the safety and sustainability of the individual on-site sanitation systems – the first and most crucial link in the sanitation service chain – remain unassessed and unaddressed. Nationally representative surveys only broadly map the choices in sanitation technology at the household-level, and the data remains inadequate in assessing its

prevailing status. The paucity in analysis acts not only as a key impediment to effective planning and monitoring of outcomes at the local level, but also leads to the reliance of policymakers on broad-based assumptions which may be flawed while designing new interventions. Recognizing the criticality of better data in charting the course forward for the national sanitation agenda, SCI-FI, with support from Bill and Melinda Gates Foundation, undertook a sample survey of 3000 households and detailed interviews, with both governmental and non-governmental actors, in ten India cities for building a nuanced understanding of the nature and quality of on-site sanitation systems. The present report presents the resulting findings and technical and policy recommendations for addressing the prevailing deviations.

‘BRIDGING THE GAP’ OPPORTUNITIES FOR PRIVATE SECTOR PARTICIPATION IN FAECAL SLUDGE AND SEPTAGE MANAGEMENT (Report)

In 2014, the Government of India launched the Swachh Bharat Mission-Urban (SBM-U) to resolve India’s sanitation bottlenecks and accelerate the development of sanitation markets. Targeting the elimination of open defecation through universal toilet access, over 5.5 million urban toilets have been built to date. Given that two-thirds of urban households were already dependent on On-site Sanitation Systems (OSS), developing the FSM value chain has become both a market and policy priority. To strengthen the evidence-base for sustainable and scalable service delivery models while encouraging private-sector-participation in FSM, CPR, with support from Bill and Melinda Gates Foundation, undertook a study across four cities in India. As a follow up to an earlier study, these case studies were designed to complement supply-side assessments with an understanding of demand dynamics and government interventions. Focusing on four cities with installed faecal sludge treatment capacity through a mix of co-treatment and dedicated technologies, the study found that thriving FSM markets depend largely on ‘bulk’ customers rather than individual households – a learning that will have significant implications for the continued development of Indian FSM markets. Furthermore, as FSM service delivery becomes increasingly centralized and state-driven, per-trip profits and market turnover decrease steeply, crowding out or stifling private sector entry. On the basis of these studies and earlier work, an extensive market-risk assessment was undertaken to identify market risks and mitigation strategies for a range of stakeholders across the sanitation value chain. As the FSM market evolves, it will be crucial to identify mechanisms that adopt different public-private partnership (PPP) models for varying city sizes, optimal risk allocation and explore possibilities to forge partnerships between market, government and communities.

SYNTHESIS REPORT ON STATE OF WATER: A LOOK AT THE LEGAL AND REGULATORY FRAMEWORK GOVERNING WATER SERVICES ACROSS JURISDICTIONS (Report)

This study looks at the development of legal and regulatory framework governing drinking water and sanitation services in South Africa, England and the United States. Around 780 million worldwide do not have access to clean drinking water and almost 2.5 billion people lack access to improved sanitation according to data published by Centers for Disease Control and Prevention. In such a situation, it becomes extremely important to study the legal and regulatory measures used internationally to control, manage and improve these resources. This study aims to identify, comprehend and analyze these legal frameworks and structures; examine the control exercised by national, state/provincial as well as municipal governments over water and sanitation-related questions; and the responsive measures being taken by them to preserve the water resources and their quality for future generations. The authors have observed that in presence of varying geographical, historical and social factors, while it would be impossible to compare each model against the other on the basis of merit, it becomes increasingly important for governments to balance the individual’s right to water with the planet’s ecological balance.

COUNTRY REPORT - REPUBLIC OF SOUTH AFRICA: REGULATING WATER AND URBAN SANITATION (Report)

In this study, the authors have examined the legal regimes pertaining to water and sanitation in the republic of South Africa. At the inception of the report, the authors lay out the historical context of apartheid within which water and sanitation in South Africa are couched. The authors also look at the laws and policies applicable to water in the Republic. In this regard, the authors advance a three-pronged approach of examining the policy instruments, the laws and regulations and the business of water and Sanitation. Having covered these territories, the authors highlight the implementation challenges.

COUNTRY REPORT - US: REGULATING WASTEWATER AND URBAN SANITATION (Report)

In this report, the authors have aimed at presenting a comprehensive account of water regulation in the United States, with a focus on urban sanitation. For this purpose, the authors have examined various aspects that form the larger picture: constitutional and theoretical approaches to water in the United States, its' past experience with legislations and the approaches at play presently. Part I of the Report examines the history of water regulation in the US, through the United States Constitution and early legislations. Part II describes the current legal and regulatory framework. This framework is elaborate, as one can observe from the lofty goals of the statutes, division of powers and responsibilities amongst federal, state and local agencies, larger administrative structure in force, and financing models. Part III focuses on the challenges the US has faced with respect to enforcement of its programs and regulations.

COUNTRY REPORT – ENGLAND: REGULATING WASTEWATER AND URBAN SANITATION (Report)

In this paper, the authors have examined the development of legal and regulatory framework in the UK, with particular focus upon England, and have traced this development in light of the European directives on the subject. In Chapter I, the various statutes governing water in England till privatization in 1989 have been examined. In Chapter II, the authors have elucidated upon the current legal framework governing water in England. Chapter III has dealt with the roles and functions of various regulatory authorities regulating water in England. In Chapter IV, the authors have examined EU's role in England's water sector. In the conclusive part of the report, the authors have viewed certain challenges plaguing the water sector in England.

SYNTHESIS REPORT ON FAECAL SLUDGE AND SEPTAGE MANAGEMENT IN UTTARAKHAND, ODISHA AND RAJASTHAN: CHALLENGES AND OPPORTUNITIES (Report)

A large percentage of urban Indians rely on on-site sanitation systems for managing their faecal waste, in the absence of public sewers. With an increase in the number of toilets due to initiatives such as the Swachh Bharat Mission (SBM), the issue of FSM becomes increasingly important. A pertinent question that must be asked, therefore, is if we have enough legal and regulatory safeguards in the area of FSM for ensuring safe and sustainable sanitation? This study, which covers the legal and regulatory frameworks governing FSM in the states of Uttarakhand, Rajasthan and Odisha is geared towards answering precisely this question. As Urban Local Bodies (ULB) are constitutionally mandated to cover sanitation, the study has been undertaken at the field-level in three districts in each state. The study aims at mapping the legal and regulatory framework governing sanitation, examining its' various issues, and suggesting opportunities for regulatory reform. While recommendations for each state vary, the authors have suggested an urgent need for institutional reforms, building capacities of ULBs, and convergence between various departments engaged in FSM.

FAECAL SLUDGE AND SEPTAGE MANAGEMENT (FSSM) IN RAJASTHAN: A REVIEW OF THE LAW AND POLICY FRAMEWORK (Report)

This report examines the regulatory framework governing FSSM in the State of Rajasthan. The aim of the report is to map the potential and limitations of the extant legal and policy framework governing FSSM in Rajasthan and at the Central level and to analyze the challenges in the actual implementation of FSSM in Rajasthan. The study was conducted in two stages. The first stage involved mapping of legal, institutional and policy framework in FSSM in Rajasthan at large, and of the selected cities/towns of Bikaner, Rajsamand and Jaisalmer in particular. The second stage involved field visits to the selected towns to examine the implementation of the extant regulations. The fieldwork was done through in-depth semi-structured and unstructured interviews with various stakeholders including different agencies and residents in the particular urban area. The findings of the study relate to identification of regulatory gaps, multiplicity and lack of coordination within various institutions and different narratives on the need of FSSM that exist at different levels of governance.

FAECAL SLUDGE AND SEPTAGE MANAGEMENT (FSSM) IN UTTARAKHAND: A REVIEW OF THE LAW AND POLICY FRAMEWORK (Report)

In this report, the researchers have examined the FSSM in the state of Uttarakhand. The report aims at mapping the potential and limitations of the extant legal and policy framework governing FSSM in Uttarakhand and at the Central level, and to analyze the challenges in the actual implementation of FSSM in Uttarakhand. The study was conducted in two stages. The first stage involved mapping of legal, institutional and policy framework in FSSM in Uttarakhand at large, and of the selected cities/towns of Doiwala, Pithoragarh and Rudrapur in particular. The second stage involved field visits to the selected towns to examine the implementation of the extant regulations. The fieldwork was done through in-depth semi-structured and unstructured interviews with various stakeholders including different agencies and residents in the particular urban area. The researchers found that in relation to septage collection, multiple stakeholders and payments and regulatory structures exist in Uttarakhand which provides its own unique challenges. Other findings relates to the limited suitability of STPs in Uttarakhand, the importance of strong environmental controls, and the plight of sanitation workers in the State. The researchers' solutions to resolve these issues relate to the utilization of existing sanitation programmes such as SBM-U and reforms in regulations at local, state and central levels.

FAECAL SLUDGE AND SEPTAGE MANAGEMENT (FSSM) IN ODISHA: A REVIEW OF THE LAW AND POLICY FRAMEWORK (Report)

In this report, the researchers have examined the FSSM Framework in the State of Odisha. The study has been conducted in the towns of Berhampur, Dhenkenal and Puri. The differences that these towns show in terms of administrative set-up and population with respect to each other is why they have been chosen as the focus of our study. The first stage of the study involved a desk-review of various laws and policies operative at the national, state and local level in Odisha in the realm of Sanitation and FSSM. The second stage of the study involved field-research in the specified towns with district agencies and stakeholders through structured and semi-structured interviews. Broadly, the findings of the study relate to the priority given to on-site sanitation in comparison to off-site sanitation, the mechanism of coordination between various institutions involved in FSSM, and the complexities resulting from there being multiple service providers with multiple price models in the area of FSSM. The report is concluded with suggestions with respect to each of these taking into account field and desk findings.

SANITATION IN LARGE AND DENSE VILLAGES IN INDIA: THE LAST MILE AND BEYOND (White Paper)

Towards a new research and policy paradigm: An analysis of the sanitation situation in large dense villages - research conducted by CPR unfurled interesting trends in villages of particular population and density parameters. Subsequently, after a meticulous state and district selection procedure, large and dense villages proximate to cities were identified. A survey in these large and dense villages was conducted November-January 2018-19. The survey covers a sample size of 3112 households from five states – Himachal Pradesh, Punjab, West Bengal, Madhya Pradesh and Tamil Nadu, across 15 districts (3 from every state) and 60 villages (4 from every district). Besides the household survey which elicits information on household socioeconomic characteristics, housing condition and access to water and sanitation infrastructure and services, the survey comprised a key informants' interview from every state.

The white paper titled Sanitation in Large and Dense Villages in India: The Last Mile and Beyond will discuss the broad findings of the survey and discuss in details trends in access to water and sanitation amenities across the survey states. In addition to this paper will attempt to explore probable socio-economic, technical and behavioural reasons for the established trends in water and waste management practices in villages. Towards this end, the analysis will focus on access to toilets, preference for on-site systems and desludging practices in the survey areas. Also, utilising the purposive selection of survey sites, the analysis will investigate for service networks or any such pattern to instruct policy.

POLICY NOTE: DIALOGUES ON SANITATION: LEGAL PERSPECTIVES ON SANITATION IN URBAN INDIA (Policy Note)

The event was organised as a part of 'Dialogues on Sanitation' series and specifically focused on the legal and regulatory regime pertaining to urban sanitation. The event brought together senior policymakers, city and state level implementers, technocrats, members of the civil society and legal experts to brainstorm towards bettering the regulatory regime on urban sanitation. Several aspects such as the role of law and regulation in Faecal Sludge Management, rights of sanitary workers, and public-private participation in urban sanitation were discussed during the workshop.

TOWARDS FURTHERING ACTION RESEARCH FOR SANITATION WORKERS' SAFETY: DISCUSSIONS FROM THE WORKSHOP (Report)

CPR organized a workshop titled "Towards Furthering Action Research for Sanitation Workers' Safety" on December 4, 2018. The objective of the workshop was to build knowledge-sharing networks, learn from experiences of various states and initiate a broader discussion on alternative livelihood option available to sanitation workers. The workshop deliberated broadly on two themes. First, it discussed insights from the field to build an understanding of social, legal, technical and financial issues and challenges sanitation workers face. Second, it deliberated on the challenges of bringing sanitary workers into alternative livelihood options. This was followed by a discussion on developing an action research agenda for future in the Indian context and exploring possible solutions to improve sanitation workers' safety.

ASSEMBLING PRIVATE SECTOR PARTICIPATION FOR A SAFE AND SUSTAINABLE URBAN SANITATION FUTURE – DISCUSSIONS FROM THE DIALOGUE (Report)

CPR organized the 'Dialogues on Private Sector Participation in Sanitation' on March 14th, 2019, bringing in private-sector practitioners and infrastructure experts, sanitation sector professionals and policymakers to share their insights and experience. The objective of the Dialogue was to build knowledge-sharing networks, learn from several state-specific implementation experiences and initiate a broader discussion on the potential for private sector participation in the sanitation value chain. The points of discussion include emerging structures

of PPP across the country in FSSM, with possible service models for collection, conveyance and treatment alongside risks associated with them. The measures that can be taken from experiences in other urban infrastructure sectors have also been discussed.

NOTE ON FAECAL SLUDGE MANAGEMENT IN RURAL INDIA- GRADED SOLUTION, LEGAL AND REGULATORY IMPLICATIONS AND POSSIBLE ADMINISTRATIVE STRUCTURE (Note)

Rural areas in India are experiencing significant gains in toilet coverage under public-funded programmes. Given the rate of ‘in-situ urbanisation’ as a growing urban paradigm, rural areas in many parts seem to emulate urban infrastructure preferences for their toilets. This may remain annulled due to non-availability of urban-like service facilities in the rural context. The first part of the report focusses on establishing the urbanising characteristics of the Large and Dense Villages (LDVs) in India for usage of a specific typology of sanitation infrastructure, which in turn links to the gaps in terms of service availability across the FSM value chain. In this context, the second half of the report examines various environmental and municipal laws applicable to sanitation in rural areas. The report also sheds light on how the capacities of various institutions and legal instruments may be leveraged for graded interventions, ensuring safe and sustainable sanitation in rural areas in India

ETHNOGRAPHY OF SANITATION IN SMALL TOWNS: A STUDY OF ANGUL AND DHENKANAL, ODISHA (Report)

In the current sanitation policy discourse, cultural norms of purity and pollution are considered as major obstacles to toilet behaviour leading emphasis on behavioural change to orient people to use toilets. This study conducted in 21 slums in Angul and Dhenkanal, two small towns in Odisha, explores the socio-cultural norms, behaviour and practices that influence sanitation in small towns. The study shows that culture doesn’t operate in isolation. Culture interacts with multiple factors such as physical space in urban areas, resources people have to invest in a toilet, essential infrastructure such as water, and cost-effective technology that people can access. Culture influences these aspects of sanitation as well as gets influenced by them. The study highlights that people adapt in various degrees to their physical environment, thus compromising on cultural norms and beliefs, but there are certain non-negotiable norms that are not compromised. This calls for decoding the cultural determinants of sanitation. The study suggests that for effective governance of sanitation, policies need to take the above-mentioned factors into consideration, and create scope for understanding how culture works in a particular context and influences sanitation behaviour, choices, and practices of the poor. The study was conducted by CPR under the SCI-FI project on Urban Sanitation, supported by the Bill and Melinda Gates Foundation

TRAINING MANUAL ON NON-SEWERED URBAN SANITATION (Training Manual)

The ‘Training Manual for Non-Sewered Urban Sanitation’ was developed by the SCI-FI team with the able support of the Housing and Urban Development Department, Government of Odisha. This training manual is an essential instrument for furthering the goals of the Odisha Urban Sanitation Policy. It adapts most recent developments from across the globe, translating the lessons to make the training modules relevant in the context of Odisha. The subsections include: Module 1: Sanitation and Its Relevance; Module 2: Sanitation Flow Diagram; Module 3: Institutional and Policy Framework for Waste Water Management; Module 4: Urban Waste Water Management Systems; Module 5: Introduction to Faecal Sludge Management; Module 6: Containment and Handling of Faecal Sludge; Module 7: Treatment and Re-use/ Disposal of Faecal Sludge; Module 8: Operation and Maintenance of Faecal Sludge Treatment Plant; Module 9: Financial Management; Module 10: Community Engagement in Faecal Sludge Management; Module 11: Planning of Faecal Sludge Management System. This manual is a good resource to train officials and other stakeholders involved in local service delivery to achieve the Odisha Urban Sanitation Policy targets.

SWACHH BHARAT MISSION (URBAN): NEED VS PLANNING (Policy Brief)

This paper analyses the effectiveness of the Swachh Bharat Mission (Urban) by analyzing the financial and physical progress of the mission and the manner in which funds have been allocated and sanctioned to different activities in various states. It examines the planned allocation of central funds (i) between the SBM (Urban), and the rural component SBM (Gramin) (ii) among the various components of SBM-U, i.e., Construction of Individual Household Latrines and Community Toilets (IHHLs and CTs), Solid Waste Management (SWM), Information, Education and Communication (IEC) and Capacity Building (CB) and (iii) across different states and UTs. It finds that the disparity in funding between the SBM-U and SBM-G does not reflect the risk-adjusted need of urban areas, given their complexities of urban congestion and poverty that lead to higher health and environmental risk. The allocation of funds between the various components of SBM-U undervalues the need for proper solid waste management, IEC and capacity building and appears to ignore their effect on sanitation practices, the importance of building capacity to properly manage waste from the increasing number of toilets constructed, and more organized solid waste disposal. Finally, the pattern of the allocation of funds between states does not benefit states that need it the most, in terms of states that have a lower share of in-house toilets, because the funds were allocated on the basis of the share of urban population and statutory towns. The paper concludes with recommendations to rectify some of these shortcomings

SCHOOL SANITATION IN ODISHA (Policy Brief)

Sanitation access in schools is important to keep children, especially girls, in school. It is also important to spread the culture of safe sanitation more widely among the young. Using a unique mapping of DISE (District Information System for Education) data on 0.94 million schools and Primary Census Abstract (PCA) data on village-level amenities, this brief looks at the variation in school sanitation across the state of Odisha by location and gender, and the relationship between access to sanitation in schools and access to sanitation within households of the block. It finds considerable variation, especially looking across spatial distributions, which need greater focus going forward. However, access to school sanitation is consistently better than sanitation in the block as a whole.

Opinion pieces on topical subjects such as those listed below were prepared:

CAN MECHANIZATION DE-STIGMATIZE SANITATION WORK? (OPINION PIECE)

Op-ed based on recently completed work on septic tank emptiers in Delhi traces the changing nature of septic tank emptying work, from a completely manual process that involved immersion of the worker in faecal sludge to a partly mechanized one, albeit one that involves low-cost locally-assembled equipment. However, the workforce involved is almost entirely Dalit, and workers report facing discrimination and practices of untouchability in their interactions with their customers and within their social networks. Policy-makers, however, remain focused on service delivery and tend to pay less attention to persistent issues of caste-based discrimination.

IDEALISM WON'T PLUG THE GAPS IN URBAN SANITATION (OPINION PIECE)

As urban growth outpaces the capacity and imagination of Indian planning authorities, it has become increasingly clear that on-site sanitation solutions will continue to play a crucial role in Indian cities. This piece lays out the forces driving regularization of private sector participation in the FSM emptying market and identifies the paradox facing local and state governments – how to minimize the risky business practices that currently enable profitability while attracting new investment and innovation into the sector. The piece draws on research by CPR to identify three separate sets of constraints which government policy should address to build viable and sustainable post-2019 sanitation infrastructure.

Meeting and presentations with various Government bodies/Advocacy Group as listed below:

ENGAGEMENT WITH MINISTRY OF DRINKING WATER AND SANITATION, GOVERNMENT OF INDIA ON DEVELOPING NOTE ON FAECAL SLUDGE MANAGEMENT IN RURAL INDIA (FEB 4, 2019)

In the presence of Joint secretary (MoDWS) and Joint Secretary (SBM), researchers from CPR presented the early findings of the sanitation situation in large dense villages. The research presents the broad findings of the survey and discusses in detail trends in access to water and sanitation amenities across the survey states. In addition, this paper will attempt to explore probable socio-economic, technical and behavioural reasons for the established trends in water and waste management practices in villages. This was followed by briefing the ministry on the combined fieldwork undertaken by the Research Associates for further deliberations and inputs and setting up the plan for future discourse.

MEETING WITH JOINT SECRETARY, MINISTRY OF HOUSING AND URBAN AFFAIRS, GOVERNMENT OF INDIA TO DISCUSS THE WORK OF THE GENDER TASK FORCE ON SANITATION (OCTOBER 10, 2018)

CPR briefed the Ministry of Housing and Urban Affairs (MoHUA) with the recommendations put together from a daylong National Convention on “Redefining Universal Sanitation: A Gender Perspective” organized by the Gender Taskforce. This deliberation aimed to collaboratively build a more nuanced understanding of key issues among critical stakeholders through first-person narrative and on the characterization and analysis of SDGs related discussions on gender indicators. Other members in the meeting such as Raman VR (WaterAid, India), Andrés Hueso (WaterAid, UK), Sujoy Majumdar (UNICEF) provided inputs on various aspects of gender issues and further discussed the gender-focused toilet technologies.

ENGAGEMENT WITH MINISTRY OF HOUSING AND URBAN AFFAIRS, GOVERNMENT OF INDIA AND KPMG - PROGRAMME MANAGEMENT UNIT ON SEPTIC TANK OPERATOR – BUSINESS CASE SYNTHESIS STUDIES (JULY 17, 2018)

MoHUA held its meeting on July 17, 2018, in which the entire Program Management Unit of Swachh Bharat Mission was present. Researchers from CPR presented on understanding informal models of septic tank emptying services – business case synthesis studies. This discussion facilitated an understanding of the ways and the extent to which local governments may regulate the sanitation market to improve the efficiency and accountability of emptying services while improving overall environmental outcomes. In the follow up of the meeting convened by MoHUA, the Program Management Unit decided to facilitate future meetings with Joint Secretary (AMRUT).

Meetings and Presentations to State Government Bodies

MEETING WITH DEPUTY DIRECTOR, URBAN DEVELOPMENT AND HOUSING DEPARTMENT, MR NILESH DUBEY (SEPTEMBER 5, 2018)

The meeting was held to introduce the Deputy Director to a CPR research study tentatively titled, “Documenting and Assessing On-site Sanitation Systems in Smaller Cities of India”. The central premise of the research – understanding the quality and design of on-site sanitation systems in the urban context was appreciated by the Deputy Director. As part of the study, it was planned to interview 600 households and other governmental stakeholders in two cities from the state and the Deputy Director’s support was sought for the facilitation of the same.

While granting his support, the Deputy Director also briefed the CPR personnel about the state's ongoing projects and upcoming plans focused on sanitation.

SCALING UP OF FAECAL SLUDGE AND SEPTAGE MANAGEMENT (FSSM) IN ODISHA (October 29, 2018)

Meeting with Secretary HUDD, DMA HUDD, JS (Housing) HUDD, DS (Sanitation) HUDD was held to discuss the strategies to scale up FSSM across state and also provide handholding support in Jaga Mission. Participants from CPR were Shubhagato Dasgupta, Anju Dwivedi and Ambarish Karunanithi.

Meetings with Advocacy Groups

CPR's outreach to advocacy groups includes a structured engagement through a seminar series on sanitation titled 'Community of Research and Practice on Sanitation' (or 'CORP Talks') hosted at CPR through which ongoing and recent research and lessons from practice are presented. The talks are open to all to attend and advertised through email lists and social media, and the format provides for the audience to discuss the topic with the presenter at some length. This year, the SCI-FI team also initiated 'Dialogues on Sanitation' series through which it seeks to provide a platform for discussing the experiences of the researchers and practitioners on urban sanitation across various thematic areas. The format includes a mix of presentations and semi-structured discussions, where the aim is to build and share the knowledge, experiences and insights from the sector. Participation in the dialogues is by invitation and they include sanitation experts from the policy community and NGOs, social activists and members of civil society organisations, experts, researchers and professionals from engineering, legal, and development fields and international agency staff.

The SCI FI team also engaged in a number of meetings with advocacy groups in various settings that include public meetings like panel discussions, as well as smaller meetings driven by common interests and agendas. The Team also has taken an active part in the NFSSM alliance and spearheaded the Gender task force work along with other partners.

THE COMMUNITY OF RESEARCH AND PRACTICE (CORP) SEMINAR ON: UNDERSTANDING INFORMAL MODELS OF SEPTIC TANK EMPTYING SERVICES: CASE STUDIES FROM FOUR CITIES IN INDIA (April 6, 2018)

Three presentations based on CPR research on the issues and challenges of small-scale informal enterprises that currently provide septic tank emptying services in Indian cities. Forty-seven percent of urban households rely on forms of non-networked sanitation like private septic tanks and pit latrines (Census, 2011), and that another 42 lakh toilets constructed under the Swachh Bharat Mission (Urban) have been connected to on-site sanitation systems. Yet, cities have yet to develop the capacity to safely collect, transport and treat septage. Consequently, much of this gap is filled by informal, small-scale enterprises with little oversight of their tariffs, protective measures, labour practices or dumping sites. CPR research sought to deepen our understanding of these enterprises through case studies in Dehradun, Jaipur and Bhubaneswar, and in two locations in Delhi. The seminar presentation of this research was followed up by a broader discussion with multiple stakeholders on the potential for private sector participation in the sanitation value chain. Presentations included (1) Collective action (or not): The informal septic tank emptying markets in Delhi (Marie-Helene Zerach and Sweta Celine Xess); (2) FSM operation case studies from 3 cities: Findings and Insights (Tarun Sharma); (3) Understanding Small-Scale Desludging Operations: Synthesis and Way Forward (Anindita Mukherjee and Prashant Arya)

THE COMMUNITY OF RESEARCH AND PRACTICE (CORP) SEMINAR ON:
SANITATION SYSTEMS - ACCESS, EQUITY AND SUSTAINABILITY IN
WASTEWATER SYSTEMS IN TIER-II CITIES IN INDIA (August 14, 2018)

Dr. Zachary Burt from Colombia University, USA discussed the human right to water in the context of SDG 6. Thinking critically about the definitions used for the terms ‘safe’, ‘accessible’, ‘affordable’ and ‘equitable,’ he reviewed the progress in the last two decades in sanitation for different regions of the world, and for India in particular. He applied notions of access, equity and sustainability to evaluate sanitation upgrades in India. He presented emerging findings from the data collected in the field, utilising both quantitative and qualitative sources, and looking at the tension between resource management and equity of access. He also explored the potential impacts on equity in upgrades to the sanitation system in Hubli-Dharwad and the major sources of contamination from faecal wastes, and who are exposed, using a modified ‘shit-flow diagram’ (SFD). He then explored different options for waste treatment, reuse and disposal, and the challenges of sustainable liquid waste management in Hubli-Dharwad.

THE COMMUNITY OF RESEARCH AND PRACTICE (CORP) SEMINAR ON:
SUSTAINABLE WATER RESOURCE AND SANITATION MANAGEMENT (November
19, 2018)

Five presentations were made to understand the urban sanitation market in the urban and peri-urban areas of Udaipur city by studying the sanitation behaviour and practices of the household and describe the supply chain analysis of sanitation market. A preliminary survey has been conducted to gain broader understanding of household behaviour and practices related to sanitation. Presentations included (1) Partnering for Wastewater Management (Neelima Khetan); (2) Sustainable solutions for Non-Sewered network in Udaipur (Ambarish Karunanithi); (3) Understanding Faecal Sludge Management for Udaipur (Abhinav Kumar); (4) Integrated Water Resource Management in the context of Udaipur (Anil Mehta); (5) Lessons from ‘MARVI’ – Sustainable Groundwater Management in Urban context (P.K. Singh). The presentations were followed up by a broader discussion with multiple stakeholders which provided insights on water resource and sanitation management from the perspective of integrated water resource management and faecal sludge management in the city of Udaipur.

THE COMMUNITY OF RESEARCH AND PRACTICE (CORP) SEMINAR ON: MAKING
DO IN A CROWDED CITY: INFRASTRUCTURE FACING UP TO IN-MIGRATION IN
JOHANNESBURG’S INNER CITY (November 22, 2018)

Dr Tanya Zack is a South African urban planner, writer and reflective practitioner who straddles the worlds of planning practice, policy, academia and creative writing and holds a PhD from the University of Witwatersrand for her work on Critical Pragmatism in Planning. The seminar combined documentary visuals with narrative, relying on combination of sensitive observational narrative and first-person insights to provide an intimate view into the particular intersection of people with infrastructures in the inner city. These are contextualised views, grounded in ethnographic documentary work that has formed the basis of the photo book series ‘Wake Up This is Joburg’. Based on ethnographic work in Johannesburg’s inner city, this seminar interrogated how poor residents and users of Johannesburg’s inner-city use, adapt and generate infrastructure for living and working – often in the very gaps the state’s negligence has created.

THE COMMUNITY OF RESEARCH AND PRACTICE (CORP) SEMINAR ON:
TOWARDS FURTHERING ACTION RESEARCH FOR SANITATION WORKERS’
SAFETY (December 4, 2018)

The CORP seminar had two thematic sessions. The first session titled ‘Socio-legal, technical and financial knowledge base: Evidence and practice’ discussed insights from the field to build an understanding of social, legal, technical and financial issues and challenges sanitation workers face, and also deliberated on the ground challenges of bringing sanitary workers into alternative livelihood options. This was followed by a session titled ‘Solutions and action

research agenda for future to improve sanitation workers' safety' that focused on developing an Action Research Agenda for Future for the Indian context and explore possible solutions to improve sanitation workers' safety. This CORP seminar aimed to build a shared understanding of the issues and challenges faced by sanitation workers' and develop a robust research agenda for furthering action research in order to identify gaps and strengthen evidence to improve sanitation workers' safety.

DIALOGUES ON SANITATION: LEGAL PERSPECTIVES ON SANITATION IN URBAN INDIA (October 23, 2018)

On 23 October 2018, CPR organised the Dialogues on Sanitation: Legal Perspectives on Sanitation in Urban India. In the workshop, sanitation experts, lawyers and activists discussed legal and regulatory issues associated with urban sanitation in the Indian context, focusing on issues and challenges related to non-sewered sanitation, or FSM. The Inaugural Session of the workshop featured an Inaugural Address by Ms. Madhu Krishna from the Bill and Melinda Gates Foundation. Panellists included Mr. Santhosh Raghavan, IIHS; Mr. Rajesh Rangarajan, WaterAid; Ms. Arkaja Singh, CPR; Vishnu Sudarshan, J Sagar Associates; and Krishna K, CDD. Through this workshop, the SCI-FI team attempted to connect the dots between practitioners and experts in the field, learn from their experience in states and areas of specialization, and to inform and guide CPR on legal and policy issues in sanitation.

DIALOGUES ON SANITATION: ASSEMBLING PRIVATE SECTOR PARTICIPATION FOR A SAFE AND SUSTAINABLE URBAN SANITATION FUTURE (March 14, 2019)

The dialogue had two thematic sessions. The first session 'Emerging formal PPPs in FSM' discussed insights from the field to build an understanding of the market potential and risk-sharing strategies developed amongst communities, private entrepreneurs and governments and further deliberated on the ground challenges of bringing and assembling viable private sector participation for a safe and sustainable urban sanitation future. This was followed by a session 'Stakeholder Dialogue on FSM Transition in Indian Cities' that explored possible solutions to understand the emerging interfaces between markets and regulatory frameworks. The objective of the Dialogue was to attempt to connect the dots between various practitioners and experts in the field, to learn from their experience in states and their experience in implementing and initiating a broader discussion on the potential for an alternative private sector participation in the sanitation value chain.

2. Boundary Spanning in Delhi's Informal Settlements

This research project is a collaboration between Tata Institute of Social Sciences (TISS), Mumbai, Madras Institute of Development Studies (MIDS), Chennai and CPR. The project seeks to explore the processes through which urban citizens engage with the state and other actors to meet their needs. In particular, it seeks to study sets of actors that operate across boundaries of various institutions and the processes and trajectories of change. We deploy 'boundary spanning' (emerging from work in the Netherlands and other European contexts) as a working concept to deepen our understanding of processes of citizen-state engagement, the role played by varied actors and intermediaries, and the factors that enable or constrain such actions. The project is currently supported by a grant from the Indian Council for Social Science Research (ICSSR) and is administered by TISS. The Institute for Housing and Urban Development Studies (IHS) of Erasmus University, Rotterdam supported the first phase of the project.

3. Digital Urban laboratory

The “Digital Urban Observatory” project seeks to develop a spatial understanding of access to public services in select “unplanned” settlements in Delhi, drawing on a combination of satellite imaging, field-based enquiry and community engagement. The ‘Observatory’ is collecting, collating and representing settlement-level data on service delivery, infrastructure and community resources. The project is a collaboration between Patrick Heller (Brown University), Rajesh Veeraghavan (Georgetown University) and Partha Mukhopadhyay (CPR). Researchers from CPR are working with active community residents and local volunteers to map the contours of each settlement and identify key service delivery sites.

4. India-Urban Rural Boundaries and Basic Services (IND-URBBS)

CPR works on governance issues at various scales, viz. metropolitan, small towns and urban neighbourhoods. Deepening our work on subaltern urbanisation, CPR researchers estimated and identified the census towns (CTs) that will be identified in 2019 in preparation for the 2021 Census. The research reveals that CTs will continue to be important in India’s urban structure and a significant share of the urban population will continue to grow beyond municipal limits. While large towns will influence the growth of CTs, a more localised form of urbanisation will also be evident. This work was done as part of the India–Urban Rural Boundaries and Basic Services (IND–URBBS) project.

5. Role of Small Cities in Shaping Youth Employment Outcomes in India

CPR researchers strengthened their focus on studying the links between migration and urbanisation, focusing on employment and social protection. Researchers examined rural and urban wage differentials for varying levels of education to make a case for the portability of social protection to help migrants gain footholds in Indian cities. Researchers also contributed to research and debates on the right to food and food security in India.

In collaboration with JustJobs Network (JJN), CPR brought out a report highlighting the role of small cities as ‘migration junctions’ and advocating for locating interventions in workforce development, housing and governance in non-metropolitan urban locations.

Eesha Kunduri and Dr Pragna Rugunanan, Associate Professor of Sociology, University of Johannesburg took forward their ongoing collaboration on migrant experiences via an opinion piece on India-South Africa relations.

In a contribution to OXFAM’s annual inequality report, CPR researchers investigated the structural deficiencies behind low female labour force participation in urban India through a variety of perspectives, ranging from measuring the complexity of women’s work to the implications of caste, location and family structure.

6. Understanding Metropolitan Homelessness

CPR’s work on urban homelessness intensified this year, with a focus on examining the role of homeless shelters and labour markets in the experience of homelessness in Delhi. Besides ethnographic and quantitative documentation, CPR research engaged with litigation on housing and court orders on beggary and vagrancy.

In March 2019, the Delhi High Court passed a judgment upholding slum dwellers’ right to due process before eviction. The Court in its judgment cited a CPR policy brief, Categories of Settlement in Delhi.

CPR continued to explore issues of residential segregation in urban India, focusing on caste, and also deepened work on informal rental housing in urban villages in Delhi NCR.

7. Tacit Urban Research Network

As part of the Tacit Urban Research Network (TURN) project, CPR researchers have worked alongside peers from the Indian Institute of Human Settlements (IIHS), Bengaluru, Hyderabad Urban Labs (HUL) and Tata Institute of Social Sciences (TISS), Mumbai) on a number of comparative enquiries via a series of workshops focusing on understanding informality and exploring research methods suited to exploring tacit phenomena. A CPR team spent a week in Mumbai as part of the project, visiting sites and conducting interviews with TISS researchers.

CPR researchers continued work on questions of access, equity, inclusion and sustainability with respect to public spaces, especially for children, as well as urban transport, especially public transport systems and their regulation and funding.

CPR researchers, led by Eesha Kunduri, organised a roundtable on RTI in Urban India with civil society activists in Delhi in December, 2018, focusing on the use of the Right to Information Act, 2005, in urban activism and practice.

8. Scale, Institutions and Networks in Transboundary Waters (SINeTs)

This TAF funded research project is primarily to extend support to the incoming “MoWR Research Chair – Water Conflicts and Governance.” The project is meant to supplement the efforts of the Research Chair in critically engaging with the formal policy and institutional ecosystem for transboundary water governance in India as well as in South Asia. The project’s support extends in the form of three sets of activities:

- Research: to explore themes of (a) institutional models for interstate cooperation; (b) scalarity in transboundary governance
- Capacity building and training activities: Network with formal institutions in water governance and extend capacity building inputs and engage in training activities.
- Supplement and support the state-civic society networks within the SDIP (Sustainable Development Investment Portfolio) and SAWI (South Asia Water Initiatives) programme supported by the Australian High Commission.

9. Tech-Talks for Transforming India

CPR, in partnership with India International Centre (IIC) and the NITI Aayog launched, Metamorphoses – Talking Technology, a series of nine interactions covering different aspects of the digital revolution with the aim of bridging the gap between technological advancements and popular understanding of the ways in which these are transforming our lives.

The series assembled acknowledged thought leaders from India and abroad to inform and educate society about both the power of new technologies to change our lives for the better, but also to alert ourselves to the risks that are attached to them.

The series received regular media coverage and was attended by a wide audience. Videos of all sessions can be found here: <https://www.youtube.com/playlist?list=PLP-->

The following discussions were organised as part of this series:

- Keynote address by Professor Yochai Benkler (Berkman Professor of Entrepreneurial Legal Studies at Harvard Law School) to launch the Series.
- Future of Governance featuring Justice BN Srikrishna (Chairman, Financial Sector Legislative Reforms Commission), Dr J Satyanarayana (Chairman, Unique Identification Authority of India (UIDAI)), Ananth Padmanabhan (former Fellow, Carnegie India, current Fellow, CPR), Chinmayi Arun (Assistant Professor, Law, National Law University), and Vrinda Bhandari (Advocate).
- Vocabulary of the Digital featuring Professor K Vijay Raghavan (Principal Scientific Adviser, Government of India), Abhishek Pitti (Co-founder & CEO, Nucleus Vision), Dhruv Arora (former Manager, Digital and Strategic Communications, CPR), Mahima Kaul (Head, Public Policy & Government Partnerships, India, Twitter), and Professor Gagandeep Kang (Executive Director, Translational Health Science Technology Institute).
- Technology, Social Divides and Diversity featuring Ambassador Shyam Saran (Life Trustee, IIC), Osama Manzar (Founder & Director, Digital Empowerment Foundation), Dr Sunil Abraham (Vice-President, Mozilla Foundation) and Yamini Aiyar (President and Chief Executive, CPR).
- Unpacking Media – Digital & Traditional featuring Richa Bansal (Director of Communications, CPR), Ashish Malhotra (India Correspondent, Deutsche Welle and Freelance Multimedia Journalist), Pankaj Mishra (Editor in Chief, Co-Founder and CEO, Factor Daily), Rama Lakshmi (Editor, Opinion, ThePrint) and Zakka Jacob (Deputy Executive Editor, CNN-News18).
- Automation, Artificial Intelligence and the Future of Jobs featuring Dr R Chidambaram (former Principal Scientific Adviser to the Government of India), Anna Roy (Advisor, NITI Aayog), Rajat Gupta (Senior Director, McKinsey & Company), Sanjeev Bikhchandani (Founder and Executive Vice-Chairman, Info Edge (India) Limited – Naukri.com) and Dr A Didar Singh (Senior Fellow, Delhi Policy Group and Member ILO Global Commission on the Future of Work).
- Solutions to Technology Pessimism featuring Ambassador Shyam Saran (Life Trustee, IIC), Amba Kak (Public Policy Advisor, Mozilla Corporation), Dr Avdesh Sharma (Senior Psychiatrist) and Dr Nand Kumar (Professor, Department of Psychiatry, AIIMS).
- Cyber Security featuring V Latha Reddy (former Deputy National Security Advisor, Government of India), Dr Gulshan Rai (National Cyber Security Coordinator, Government of India), Ajay Prakash Sawhney (Secretary (Electronics & Information Technology), Government of India) and Toby Simon (Founder President, Synergia Foundation).
- Keynote address by Arogyaswami Paulraj (Professor Emeritus, Stanford University, USA) on Information Technologies – Computing, Communications and Machine Intelligence: The Next Twenty-Five Years.

In addition, 3 special talks were organised as part of the Series:

- Leading Digital Transformation and Innovation featuring Professor Soumitra Dutta (Professor of Management, Cornell SC Johnson College of Business and Chair, Board of Directors Global Business School Network, Washington DC) and Professor Ambuj Sagar (Vipula and Mahesh Chaturvedi Professor of Policy Studies, IIT Delhi).
- Beyond Techno-Narcissism: Self and Other in the Internet Public Realm featuring Ambassador Vijay K Nambiar (former UN Secretary General's Special Advisor on Myanmar) and Professor Langdon Winner (Thomas Phelan Chair of Humanities and

Social Sciences, Department of Science and Technology Studies, Rensselaer Polytechnic Institute, Troy, New York).

- Blending Music with Technology featuring Nirali Kartik (Hindustani Classical Vocalist), Shankar Barua (Trustee, The Academy of Electronic Arts) and Chintan Kalra (Founder-Member, Parikrama).

10. Fifteenth Finance Commission

Accountability Initiative was commissioned by the 15th Finance Commission (FC) to undertake two studies to track the implementation of the recommendations of the 14th Finance Commission with respect to Rural Local Body (RLBs) funds.

In the first study, AI conducted research on the policy decisions, operational processes and financial flows from the Union Ministry of Finance to the states on account of RLB grants recommended by the 13th and 14th FCs periods with the purpose of identifying the most efficient way of transferring funds to RLBs.

The second study consisted of a sample study in 8 states to check whether the stipulations and conditions recommended by the 13th and the 14th FCs, which pertain to actions taken at the sub-district and Gram Panchayat (GP) levels, have been complied with. This study complements the first study by determining the incomes and expenditures of select GPs in order to understand whether the outcomes envisaged by the 14th FC were satisfied, namely, whether the funds were used by the Panchayats to address their ‘basic’ functions and if so, to what extent and how.

11. Collaboration to Support Nutrition Financing Network and Costing of Nutrition Interventions in India

AI collaborated with the University of California, San Francisco to undertake a costing study on the customised ICDS-Common Application Software (ICDS-CAS) for real-time data management at AWCs. It is hoped that the ICDS-CAS will act as a job aid and assist in automating data tasks expected of Anganwadi Workers (AWWs) and Lady Supervisors (LS) – such as the manual filling of 10 registers – and in turn cater more efficiently to the needs of women and children. AI’s study has examined ICDS-CAS roll out costs in Madhya Pradesh between FY 2016-2017 and FY 2018-2019. Given that ICDS-CAS is the largest mHealth (mobile health) intervention in the world, among its objectives is to estimate the cost of scaling to the entire country.

Further, AI is collaborating with the POSHAN programme of the International Food Policy Research Institute (IFPRI) to continue the estimation of costs of delivering nutrition interventions at scale in India at the national and sub-national levels. The costing work aims to help policymakers, administrators and researchers understand the role of robust budget analyses for identifying an appropriate quantum of financial resources to enable the scaling up of nationally mandated nutrition interventions to address the problem of malnutrition at the national, state and district levels. In the past, POSHAN has undertaken a nation-wide costing exercise, the report of which is available on the Accountability Initiative website.

12. Mapping Policy Interventions towards Women and Child Protection in India

Accountability Initiative initiated two studies on women and child protection in Indian states. The first, commissioned by UNICEF Maharashtra, seeks to provide a holistic understanding of the landscape of protection of women and children against violence in Maharashtra. It undertakes a comprehensive mapping of the relevant legal, policy and implementation

provisions that constitute the state's efforts to address violence perpetrated against women and children, and provides an overview of the corresponding budgetary allocations. It also delves into the implementation process of selected centrally sponsored and state schemes for the protection of women and children, identifying key administrative and structural challenges in delivering protection services.

The second study is part of a larger project commissioned by Children's Investment Fund Foundation. AI is studying the Rashtriya Kishore Swasthya Karyakram (RKSK), an adolescent health programme within the ambit of the National Health Mission (NHM), in Uttar Pradesh. The programme aims to shift the focus from clinic-based services to prevention of gender-based violence and seeks to reach adolescents in schools, families and communities. AI's study focuses on the allocation and expenditure under RKSK in one district of Uttar Pradesh.

Both studies have substantial components to understand current system-level challenges with respect to programme design, fund flows and capacities to utilise funds that impede the effective translation of policy commitments into accessible and reliable service delivery on the ground.

13. Tracking Nutrition Expenditures (PAISA for Nutrition)

Planning, Allocations and Expenditures, Institutions Studies in Accountability (PAISA) is Accountability Initiative's flagship research methodology which tracks the processes namely planning, budgeting, fund flows and decision-making structures for welfare schemes. In 2018, the research group initiated a deep-dive into three nutrition-specific interventions including the Integrated Child Development Services (ICDS) to determine the on-ground fiscal and administrative constraints and best practices. Through a cross-state comparison, the study hopes to identify the key mechanisms needed to make the system more efficient and effective, focused on efficiency and outcomes of spending. A primary survey was completed in 6 districts across 3 states – Bihar, Maharashtra and Rajasthan in 2018.

14. Land Rights, Development and the Constitution: Mapping Land Legislation in India

LRI partnered with thirty academic and civil society organisations to help organise the third India Land and Development Conference (ILDC). The LRI team, composed of Namita Wahi, Ankit Bhatia, Soumya Jha, and Aakansha Jain, hosted a panel, and conducted a master-class, to showcase findings based on analysis of over a thousand land laws for a geographically representative sample of eight states, namely, Andhra Pradesh, Assam, Bihar, Gujarat, Jharkhand, Meghalaya, Punjab, and Telangana. Chaired by Dr T Haque, Former Chairperson, Special Land Cell, NITI Aayog, the panel featured comments on LRI's findings by Raghav Chandra; Ramesh Sharma, National Coordinator, Ekta Parishad; and Arkaja Singh, Fellow, CPR. LRI's research was covered extensively by national and international print media, including Foreign Policy, Thomson Reuters Foundation, Morning Standard, New Indian Express, CNBCTV18, and Devdiscourse.

Wahi also delivered the opening lecture at the ILDC and Thomson Reuters' Journalism Training Workshop, and chaired a panel on Status of Women Food Producers' and Policy Recommendations for Recognition of their Identity organized as part of the Conference. Bhatia and Jain also participated in the ILDC Land Information Ecosystem Workshop.

15. Qualitative Study on the Political Economy of Implementation of Classroom Focussed Reforms in Government Schools in Delhi

The objective of the project is to study the conditions under which reform efforts are embedded within education systems. It documents the dynamics of reform, the processes through which reform ideas are articulated and interpreted by school level actors, the forms of resistance, and the conditions required for success. The study entailed observing and interacting with actors from eight schools and classrooms over a three year period starting 2016, observing workshops, meetings and allied events, interviewing actors at all levels of the education system, and analysing government documents to develop and interpret the emerging narrative.

16. MoWR Research Chair – Water Conflicts and Governance funded by the Ministry of Water Resources, River Development & Ganga Rejuvenation (MoWR), Government of India

The year 2018 marks a significant milestone for CPR in engaging with the national water policy. The Central Water Commission (CWC) invited – back in 2015 – Dr Srinivas Chokkakula to submit a proposal for a Research Chair on water conflicts. The MoWR approved the proposal in August 2018 and signed a Memorandum of Understanding with CPR for establishing the ‘MoWR Research Chair – Water Conflicts and Governance’ at CPR. Dr Srinivas Chokkakula took over as the MoWR Research Chair from 1 October 2018. The Chair is mandated to pursue policy-relevant research on transboundary river water sharing, with particular focus on interstate river water governance. The Research Chair is also expected to extend advisory inputs to the MoWR on relevant issues.

In addition to supporting the costs of the Research Chair, the funding extends research support for three years to engage in the following specific activities:

- A study and analysis of the Supreme Court’s engagement historically with interstate river water disputes resolution.
- Update, examine and explore India’s track record of interstate cooperation in collaboration with the Central Water Commission (CWC)
- Create and nurture a CPR-CWC Dialogue Forum to debate contemporary challenges of water governance in India.

17. Water Resources and Federalism funded by The World Bank

This assignment is a World Bank-funded research to explore federal governance challenges of water in India. The project is interested in exploring the Centre’s leverage to influence and incentivize states’ water resource management strategies towards improved and better governance of water resources. The project covers the entire spectrum of policy, institutional, legal and financial instruments available to the Centre for engaging with the states towards the larger objective of sustainable water management.

18. Political and economic History of India-Nepal Water Relations

Centre for Policy Research is engaged in a study of political and economic history of India-Nepal Water Relations. The aim of the study is to examine the transboundary river cooperation between the two neighbours from a historical perspective, starting from the 1890s and going up to the present day. The study hopes to examine the key moments in this relationship to identify persistent irritants in the relationship and suggest ways to overcome them.

19. Initiative for building State Capacity

The Indian state has to negotiate multiple and conflicting socio-economic challenges, with weak institutional capabilities, and yet the current understandings of how the Indian state actually works is relatively limited. Consequently, rather than engage with a transformative reform agenda for the Indian state, one that will enable to become a truly 21st-century state, much of the current debate is restricted to formulaic prescriptions, and to sectoral and academic silos. The State Capacity initiative, funded by Bill & Melinda Gates Foundation, seeks to build a robust analytical framework for understanding and building state capacity in India. Core sectors of interest in the programme are health, sanitation, nutrition, social protection, and associated public delivery systems. In particular, the initiative will focus on understanding questions of institutional, implementation, regulatory and fiscal capacity to produce imperative research as well as design support outputs.

Faculty News

1. **During the year under review the President and Chief Executive, Yamini Aiyar was involved in the following research and allied activities.**

Book Chapters

1. Maximum Schemes, Minimum Welfare, By Yamini Aiyar, in Re-forming India: The Nation Today, Edited by Niraja Gopal Jayal, Penguin India, 2019

Journal Articles

1. Solutions when the 'solution' is the problem, By Yamini Aiyar, Seminar Magazine, 31 January 2019.
2. The centralization vs decentralization tug of war and the emerging narrative of fiscal federalism for social policy in India, By Yamini Aiyar

Conferences and seminars

April 2018

1. Presentation on Study on Delhi Education Reforms at RISE
2. Attended ASPEN Ananta Seminar and Ministry of External Affairs Indo-US forum
3. Mind-mine Summit 2018, panel discussion on The Road to India@75: Will structural reforms finally connect the dots?

May 2018

4. Round table on Federalism, shifting fiscal contours
5. Round table at Swiss embassy on fiscal federalism

June 2018

6. Session on State Capacity at Brown International Advanced Research Institute, Brown University

July 2018

7. Panel discussion: Building State Capacity for Implementation, University of Chicago Center New Delhi

August 2018

8. Evidence-Informed Policy Making: convening by Hewlett Foundation, Bellagio

September 2018

9. Participated in India-Pakistan Track II dialogue, Chaopraya Dialogues, Bangkok
10. 53rd SKOCH summit, Undercurrents on Participatory Democracy
11. PAFI 5th National Forum: India's Economic Outlook

October 2018

12. Lecture on State Capacity at Indian School of Development Management
13. Panel discussion on leadership organised by Indian School of Development Management

November 2018

14. Think tanks Initiative meeting panel discussion on future of think tanks, Bangkok
15. International Conference "Going Beyond Governance", University of Chile, Chile

December 2018

16. Moderate session on "Bringing local expectations to National Politics" at 11th Annual Conference on Effective Legislatures

January 2019

17. Panel discussion on Think Tanks, Raisina Dialogues
18. Panel discussion on financing education, Difficult Dialogues, Goa

February 2019

19. CBGA Panel discussion on the Budget
20. Delhi University Annual Policy Seminar on Sanitation
21. Delhi School of Economics Guest Speaker Series lecture on Building State Capacity

22. Moderated Session on Building a Leading Institute on Research and Education: Insights from Harvard University
23. Plenary Session: Public Policy and Public Administration Education in South Asia
March 2019
24. Panel discussion at Brookings Institute: launch of report on Foreign Policy Perceptions in India
25. CII National conclave on women's empowerment
26. Presentation to 15th Finance Commission on Local Governance
27. Panel Discussion on Bureaucracy and Politics, Odhisha TV annual event, Bhubaneswar

Media Articles In Mainstream Media Platforms

1. Maximum schemes, minimum welfare: How the Modi govt fell into the same trap as UPA, The Print, 31 March 2019, By Yamini Aiyar
2. India's data-driven governance regime is not foolproof, Hindustan Times, 27 March 2019, By Yamini Aiyar
3. The Solutions State: Why the digital needs the human, The Indian Express, 14 March 2019, By Yamini Aiyar
4. Is the new pension scheme a case of old wine in a new bottle?, Hindustan Times, 8 March 2019, By Yamini Aiyar
5. The welfare debate must go beyond corruption, Hindustan Times, 20 February 2019, By Yamini Aiyar
6. Solutions when the 'solution' is the problem, Seminar, 13 February 2019, By Yamini Aiyar
7. The budget has exposed the NDA government's nervousness, Hindustan Times, 2 February 2019, By Yamini Aiyar
8. The limits of single-party majorities, Hindustan Times, 29 January 2019, By Yamini Aiyar
9. What 2018 taught us about how not to reform the Indian State, Hindustan Times, 9 January 2019, By Yamini Aiyar
10. India's challenges need visionary leadership to break political interests, Hindustan Times, 26 December 2018, By Yamini Aiyar
11. India needs a renewed debate on federalism, Hindustan Times, 28 November 2018, By Yamini Aiyar
12. Let's shift towards a new politics of welfare, Hindustan Times, 15 November 2018, By Yamini Aiyar
13. What has India achieved by rejecting the Human Capital Index?, Hindustan Times, 24 October 2018, By Yamini Aiyar
14. Reconceptualising farmer protests, Business Standard, 23 October 2018, By Mekhala Krishnamurthy And Yamini Aiyar
15. How to strengthen India's frontline bureaucracy, Hindustan Times, 11 October 2018, By Yamini Aiyar
16. There are no short cuts to building State capacity, Hindustan Times, 5 October 2018, By Yamini Aiyar
17. Unjoined dots of a scheme, The Indian Express, 5 October 2018, By Jishnu Das, Yamini Aiyar, And Jeffrey Hammer
18. [Podcast] Yamini Aiyar: Creating an Indian Bureaucracy for the 21st Century, The Global Future Podcast, 29 September 2018, By Yamini Aiyar
19. When data becomes political it also becomes vulnerable, Hindustan Times, 28 August 2018, By Yamini Aiyar
20. How NRC is legitimising exclusion, Hindustan Times, 16 August 2018, By Yamini Aiyar
21. Reforming education systems, India Seminar, 14 August 2018, By Yamini Aiyar
22. Are bureaucrats turning politicians?, Hindustan Times, 26 July 2018, By Yamini Aiyar
23. The politicisation of transfers has undermined teacher accountability, Hindustan Times, 10 July 2018, By Yamini Aiyar
24. Look beyond rules to reform the bureaucracy, Hindustan Times, 4 June 2018, By Yamini Aiyar
25. Four years of Modi government: Confused priorities hit welfare strategy, Hindustan Times, 26 May 2018, By Yamini Aiyar
26. Data alone won't lead to development, Hindustan Times, 15 May 2018, By Yamini Aiyar
27. Time to deepen the federal dialogue, Hindustan Times, 24 April 2018, B Yamini Aiyar
28. No one cares about state budgets, Hindustan Times, 3 April 2018, By Yamini Aiyar

2. **During the year under review Honorary Research Professor, Bharat Karnad was involved in the following research and allied activities.**

Books

1. Staggering Forward: Narendra Modi and India's Global Ambition, By Bharat Karnad, Penguin India, 2018.

Media Articles In Mainstream Media Platforms

1. A weapon that could change the game if India plays tough, Livemint, 29 March 2019
2. Time For India To Break Free, Swarajya Magazine, 5 March 2019
3. Pak may not want to retaliate as entire world is against terrorism: Bharat Karnad, The Economic Times, 26 February 2019
4. India Can Stop Waters to Pakistan But At A Great Price, The Citizen, 22 February 2019
5. Politicisation of the Indian military? Alarmist nonsense!, Money Control, 16 April 2019
6. A Weapon that could change the game if India plays tough, Indian Defence News, 1 April 2019
7. A weapon that could change the game if India plays tough, Livemint, 29 March 2019
8. Time For India To Break Free, Swarajya Magazine, 5 March 2019
9. India Can Stop Waters to Pakistan But At A Great Price, The Citizen, 22 February 2019
10. Rafale: The Prime Minister Was Bound to Pay a Political Price, The Citizen, 11 February 2019, By Bharat Karnad
11. A Liability Called Rafale | Point of View, India Today, 11 January 2019, By Bharat Karnad
12. PM Modi 'Supping with Xi and Hugging Trump' Has Fetched India Little, The Citizen, 9 January 2019, By Bharat Karnad
13. US Exits Afghanistan, Dumps India, The Citizen, 26 December 2018, By Bharat Karnad
14. Indian Foreign Policy Not Walking Modi's Big Talk, Indian Defence News, 26 December 2018, By Bharat Karnad
15. Going Into 2019, India's Defence Challenges Are Shocking: Bharat Karnad, Indian Defence News, 20 December 2018, By Bharat Karnad
16. Major General Equals Brigadier: How Does That Work?, The Citizen, 23 November 2018, By Bharat Karnad
17. Decisively Submissive, Open Magazine, 16 November 2018, By Bharat Karnad
18. Why Rafale and S-400 missile system will not give India's defence sector an edge, Money Control, 16 October 2018, By Bharat Karnad
19. Why the Rafale Deal, as Predicted, has Blown Up in The PM's Face, The Citizen, 22 September 2018, By Bharat Karnad
20. A Bad Deal, Open Magazine, 11 September 2018, By Bharat Karnad
21. 2+2 Talks: India Signs Pact of 'Capitulation', The Citizen, 9 September 2018, By Bharat Karnad
22. India must not surrender its foreign, defence policy to United States, Money Control, 3 September 2018, By Bharat Karnad
23. Why Not Show Pakistan The Same Consideration Shown To China?, Bloomberg | Quint, 28 August 2018, By Bharat Karnad
24. Opinion | What ails India's defence forces, Money Control, 27 July 2018, By Bharat Karnad
25. New Delhi must reset its overt tilt to the US, Hindustan Times, 17 July 2018, By Bharat Karnad
26. US Arm Twists India to Buy Patriot-3 Systems And Not Russians S-400, The Citizen, 17 June 2018, By Bharat Karnad
27. India needs to find a solution to its arms and ammo shortages, Hindustan Times, 14 June 2018, By Bharat Karnad,
28. Doval Led DPC Is Yet Another Bureaucratic Pimple, The Citizen, 7 June 2018, By Bharat Karnad
29. The Problem with Defence Acquisitions, Open Magazine, 17 May 2018, By Bharat Karnad
30. India must revise its nuclear policy and keep its strategy opaque, Hindustan Times,

31. 11 May 2018, By Bharat Karnad
32. Defence Minister Sitharaman: The One Person Wrecking Crew Moving From Disaster to Disaster, The Citizen, 23 April 2018, By Bharat Karnad
33. Dancing With The Dragon, Bloomberg Quint, 22 April 2018, By Bharat Karnad

3. During the year under review Professor Navroz K Dubash was involved in the following research and allied activities.

Books

1. Mapping Power: The Political Economy of Electricity in India's States, Oxford University Press, September 17, 2018, Edited by Navroz K Dubash, Sunila S. Kale, and Ranjit Bharvirkar.

Journal Articles

1. Cascading biases against poorer countries, Sivan Kartha, Tom Athanasiou, Simon Caney, Elizabeth Cripps, Kate Dooley, Navroz K. Dubash, Teng Fei, Paul G. Harris, Christian Holz, Bård Lahn, Darrel Moellendorf, Benito Müller, J. Timmons Roberts, Ambuj Sagar, Henry Shue, Peter Singer, Harald Winkler, Nature Climate Change, Volume 8, April 27, 2018
2. Whose carbon is burnable? Equity considerations in the allocation of a 'right to extract', Sivan Kartha, Simon Caney, Navroz K. Dubash, Greg Muttitt. Climatic Change, Volume 150, Issue 1-2, May 24, 2018
3. India's Energy and Emissions Future: An Interpretive Analysis of Model Scenarios, Navroz K. Dubash, Radhika Khosla, Narasimha D Rao, Ankit Bhardwaj, Environmental Research Letters, Volume 13, Number 7, July 4, 2018
4. National climate change mitigation legislation, strategy and targets: a global update, Gabriela Iacobuta, Navroz K. Dubash, Prabhat Upadhyaya, Mekdelawit Deribe, Niklas Höhne, Climate Policy, Volume 18, Issue 9, July 4, 2018
5. India and Climate Change: Evolving Ideas and Increasing Policy Engagement, Navroz K. Dubash, Radhika Khosla, Ulka Kelkar, Sharachandra Lele, Annual Review of Environment and Resources, Volume 43, August 15, 2018
6. More priorities, more problems? Decision-making with multiple energy, development and climate objectives, Ankit Bhardwaj, Madhura Joshi, Radhika Khosla, Navroz K. Dubash Energy Research and Social Science, Volume 49, November 28, 2018

Working Papers

1. Comments on the Proposed Amendments to the Electricity Act 2003, Ashwini K. Swain, Parth Bhatia, Navroz K. Dubash, November 29, 2018
2. Comments on National Clean Air Programme (NCAP), Shibani Ghosh, Navroz K. Dubash, Kanchi Kohli, Manju Menon, Partha Mukhopadhyay, Mukta Naik, Lavanya Rajamani, Arkaja Singh, Manish, Ankit Bhardwaj, Parth Bhatia, Disha Sharma, May 21, 2018

Media Articles in Mainstream Media Platforms

1. Reform in electricity sector is all about getting the politics right, Navroz K. Dubash, Sunila S. Kale, Ranjit Bharvirkar, Hindustan Times, September 17, 2018
2. Power politics at play, Navroz K. Dubash, Ashwini K. Swain, Parth Bhatia, The Hindu, October 9, 2018
3. Understanding the curse of air pollution, Santosh Harish, Navroz K. Dubash, Hindustan Times, December 19, 2018
4. Delhi has a complex air pollution problem, Navroz K. Dubash, Sarath Guttikunda, Hindustan Times, December 21, 2018,

5. Air pollution: India waking up, but there's a long way to go, Navroz K. Dubash, Shibani Ghosh, Santosh Harish, Hindustan Times, December 22, 2018

Presentations at Conferences/Seminars

1. Workshop on 'Real-time Nationwide Low-Cost Sensor Network for Air Quality Monitoring.' August 29, 2018, New Delhi, Ministry of Environment, Forest and Climate Change
2. Special Lecture Series, Centre for Multilevel Federalism, Institute of Social Sciences, Mapping Power: The Political Economy of Electricity in India's States, October 30, 2018, New Delhi, Centre for Multilevel Federalism, Institute of Social Sciences
3. Institut Barcelona Estudis Internacionals Research Seminar, Institutionalizing Climate, Governance in India: The Challenges of a Premature Power, October 17, 2018, New Delhi, Institut Barcelona Estudis Internacionals
4. National Workshop on Energy and Environment Modelling, Setting the Context, October 29, 2018, New Delhi, World Resources Institute India and Centre for Policy Research, in partnership with Ministry of Environment, Forestry and Climate Change
5. Centre de Sciences Humaines Seminar, Mapping Power: The Political Economy of Electricity in India's States, November 12, 2018, New Delhi, Centre de Sciences Humaines
6. CPR Dialogues: Understanding India's Energy Transition in Global Context, Governing India's Energy Transition, December 17, 2018, New Delhi, Centre for Policy Research

Presentations at Round Tables Any Other Events

1. Clearing the Air Seminar Series – Campaigning for air quality: Lessons from two decades of advocacy, [Moderator of discussion], April 12, 2018, New Delhi, Centre for Policy Research
2. Clearing the Air Seminar Series: Thick with dust: Air pollution in the National Capital Region, [Moderator of panel], July 16, 2018, New Delhi, Centre for Policy Research
3. 17th Darbari Seth Memorial Lecture, Comments on the Darbari Seth Memorial Lecture by Dr. Fatih Birol [discussant], August 29, 2018, New Delhi, The Energy and Resources Institute
4. Clearing the Air Seminar Series–Lessons from the ground: Civic engagement with air, pollution, [Moderator of panel], August 8, 2018, New Delhi, Centre for Policy Research
5. Book Launch: Mapping Power: The Political Economy of Electricity in India's States, [Panellist] September 17, 2018, New Delhi, Centre for Policy Research
6. Climate Change: Evidence, Effects and Solutions at the 13th Sustainability Summit, [Moderator of panel] September 6, 2018, New Delhi, Confederation of Indian Industry and CII-ITC Centre of Excellence for Sustainable Development.
7. STIP Lecture Series - IPCC's 1.5-degree Report and the Future of the Paris Agreement: A debate on science and politics of climate change. November 13, 2018, New Delhi, Science Technology and Innovation Policy Forum.
8. Brown to Green Report 2018: Assessing the G20 Transition to a Low-Carbon Economy, [Panellist] November 21, 2018, New Delhi, Climate Transparency and The Energy and Resources Institute.
9. Massive Online Open Course on Climate Change Climate Change Policy and Governance: Global Negotiations and Domestic Policy Making. November 2018, New Delhi, Indian Institute of Science Education and Research, Pune and Ministry of Human Resource Development, Government of India
10. Times Literature Festival: Bring Back the Blue Skies, [Panellist] December 2018, New Delhi, Times of India Group
11. CPR Dialogues: Research for Policy Action on Air Pollution, [Moderator of panel], December 17, 2018, New Delhi, Centre for Policy Research and Centre for research on the Economics of Climate, Food, Energy and Environment (CECFEE), Indian Statistical Institute

12. Interactive Session for Early Career Scholars with Professor Michael Grubb and Dr. Joanna Depledge, [Panellist], December 19, 2018, New Delhi, The Energy and Resources Institute

4. During the year under review Professor Nimmi Kurian was involved in the following research and allied activities.

Events

1. Organised and conducted the conversation with Khin Zaw Win on *The Inside Story of the Rohingya Crisis: The Road Ahead for Myanmar's Democracy* at CPR in May 2018.
2. Organised a talk by Marina Kaneti, Fellow, China India Scholar-Leaders Initiative, India China Institute, The New School, New York titled 'Re(b)ordering the World: Visual Politics of the (New) Silk Road' at CPR in April 2018.

Reviewed Journal Articles (Peer-reviewed):

1. 'Leveraging Location: Repositioning the Borderlands in Chinese International Relations' was published in a Special Issue on China in the *Calcutta Journal of Global Affairs* January 2019.

Non-Reviewed Articles:

1. 'Of Flows and Flawed Frames: What Can We Learn (and unlearn) from the International Experience on Floods?', *Social Science in Perspective*, January-March 2019.

Web-Based Publications:

1. 'Why the 'Good' Refugee is a Bad Idea', *Open Democracy*, 30 April 2018.
2. 'The Cubbyhole of Area Studies: Why Indian IR is at an Analytical Cul-de-Sac', *CPR Policy Brief*, March 2019.

Public Talks, Interviews, Seminars and Conference Presentations:

1. 'Flows and Flaws: Diverting the Debate on the Brahmaputra', Delivered the Third Northeast Water Lecture, organised by the Aaranyak, Guwahati and the Forum for Policy Dialogue on Water Conflicts in India, Guwahati, March 2019.
2. Interviewed by the *Times of India* on the Brahmaputra issue in India-China Relations, 5 March 2019.
3. 'South Asia's Water Crises', Talk delivered for the Emerging Security Challenges in South Asia Program organised by University of New South Wales, Sydney and the Jindal School of International Affairs, Jindal Global Educational and Professional Academy, New Delhi, March 2019.
4. Panellist at a Round Table on '(When) Are Migrants/ Refugees (not) a 'National Security' Threat?' organised by the University of New South Wales, Sydney and the Jindal School of International Affairs, Jindal Global Educational and Professional Academy, New Delhi, March 2019.
5. Panellist at the 'Women in Foreign Policy' discussion series titled *Reconnecting the Subcontinent* co-organised by the Centre for Policy Research and the British High Commission, India International Centre, New Delhi, February 2019.

6. 'Challenging Consensus: When Radical Democracy Meets Hydro-Diplomacy', paper presented at the Authors Workshop organised by the South Asian University, New Delhi, November 2018
7. 'Footnotes of a Forgotten Text: The Idea of Myanmar and the Rohingya Question', Public Lecture delivered at the Department of International Relations, South Asian University, New Delhi, October 2018.
8. 'Leveraging Location: Border Regions in Chinese IR' paper presented at the International Conference on *Economic Development and Social Change in Yunnan* organised by the Centre for East Asian Studies, JNU, New Delhi, September 2018.
9. 'Crisis to Opportunity: What Can We Learn (and Unlearn) from the International Experience on Floods?', Valedictory Address delivered at the Achuta Menon Foundation, Thiruvananthapuram, October 2018.
10. 'Border Studies in South Asia' presentation at the Young Scholars Symposium on Borders and Regionalism in South Asia, organised by the Department of International Relations, Faculty of Social Sciences, South Asian University, New Delhi, August 2018.
11. 'Why the 'Good' Refugee is a Bad Idea: Holding the State to Account', presentation at the International Conference organised by the South Asia Forum for Human Rights, Development and Justice Initiative, India International Centre, New Delhi, May 2018.
12. Panellist at the International Conference on Prosperity and Inequality in India and China organised by the India China Institute, The New School, New York, May 2018.
13. Panellist at the session on *Geopolitics and Geo-Economics in a Changing South Asia* at the CPR Dialogues 2018 on 'Navigating India's 21st Century Transitions', Claridges, New Delhi, December 2018.
14. 'Between Opportunity And Opportunism: Designing An Effective Refugee Policy', presentation at the International Conference organised by the the Heinrich Bolle Foundation and the Institute of Social Sciences, New Delhi, April 2018.
15. Panellist at the Round table on the Northeast organised by the World Bank, New Delhi, April 2018.

Policy and Advisory Committees:

1. Consulted by the Canadian High Commission, New Delhi on India's narrative on the Rohingya issue, May 2018.
- 5. During the year under review Professor Brahma Chellaney was involved in the following research and allied activities.**

Articles in Non-Reviewed Periodicals

1. Changing Indo-Pacific power dynamics, Japan Times, 8 May 2018, By Brahma Chellaney
2. Decoding Narendra Modi-Khadga Prasad Oli chemistry, DNA India, 7 May 2018, By Brahma Chellaney
3. Has India played into China's hands in Wuhan?, Hindustan Times, 7 May 2018, By Brahma Chellaney
4. India-China summit highlights Modi's hope vs Xi's strategy, Nikkei Asian Review, 1 May 2018, By Brahma Chellaney
5. India must reject the US' Iran policy, Hindustan Times, 26 April 2018, By Brahma Chellaney
6. Is it too much to ask for a nuke-free Korean Peninsula?, Khaleej Times, 26 April 2018, By Brahma Chellaney
7. How to negotiate with North Korea, The Japan Times, 24 April 2018, By Brahma Chellaney

8. Water-smart energy choices, Project Syndicate, 16 April 2018, By Brahma Chellaney
9. Islands of Chinese power, DNA India, 7 April 2018, By Brahma Chellaney
10. How Donald Trump is emerging as a big threat to the dollar, Daily O, 5 June 2018, By Brahma Chellaney
11. The Nepal test: Can communism become democratic?, The Globe and Mail, 1 June 2018, By Brahma Chellaney
12. US extraterritorial sanctions: Begging for a waiver now is the worst possible option for India, Times of India, 31 May 2018, By Brahma Chellaney
13. India must speak up before it's too late, Hindustan Times, 30 May 2018, By Brahma Chellaney
14. Nepal - can democracy and communism coexist?, Nikkei Asian Review, 25 May 2018, By Brahma Chellaney
15. The World According to Trump and Xi, Project Syndicate, 23 May 2018, By Brahma Chellaney
16. Trump seems to be doing his best to ruin the deal with North Korea, Daily O, 23 May 2018, By Brahma Chellaney
17. The art of unraveling a potential deal, The Japan Times, 22 May 2018, By Brahma Chellaney
18. Donald Trump's unpredictability is making China great again, The National, 18 May 2018, By Brahma Chellaney
19. The Nehruvian Style of Modi's Foreign Policy, Open Magazine, 18 May 2018, By Brahma Chellaney
20. How the U.S.-Pyongyang hotline sidelines China, The Washington Times, 24 June 2018, By Brahma Chellaney
21. By camouflaging stealth aggression as defence, China offers a Hobson's choice of suffering territorial loss or facing a costly war, The National, 22 June 2018, By Brahma Chellaney
22. How China Will Benefit from North Korea's Denuclearization Process, The Hindu, 21 June 2018, By Brahma Chellaney
23. Trump delivers lessons for Japan on North Korea, The Japan Times, 17 June 2018, By Brahma Chellaney
24. Why North Korea may become another Pakistan on nuke map, Daily O, 16 June 2018, By Brahma Chellaney
25. US struggles to counter Chinese maritime hegemony, Asia Times, 14 June 2018, By Brahma Chellaney
26. Barack Obama and Donald Trump lost the South China Sea, Mint, 12 June 2018, By Brahma Chellaney
27. Doklam standoff anniversary: Will China repeat an Aksai Chin?, Business Standard, 12 June 2018, By Brahma Chellaney
28. Who Lost the South China Sea?, Project Syndicate, 12 June 2018, By Brahma Chellaney
29. The challenge of America's new extraterritorial sanctions, Japan Times, 5 June 2018, By Brahma Chellaney
30. A Global Environmental Threat Made in China, Project Syndicate, 23 August 2018, By Brahma Chellaney
31. Divided Asean spins its wheels as great powers become back-seat drivers in Southeast Asia, South China Morning Post, 19 August 2018, By Brahma Chellaney
32. Thanks to Chinese expansionism, the South China Sea has become Asean's Achilles heel, The National, 17 August 2018, By Brahma Chellaney
33. India's Regional Renaissance, Project Syndicate, 17 August 2018, By Brahma Chellaney
34. A New Order for the Indo-Pacific, Asia Times, 13 August 2018, By Brahma Chellaney
35. How Donald Trump is compounding India's foreign-policy challenges, DailyO, 7 August 2018, By Brahma Chellaney
36. Why India shouldn't rush into engaging with the new Imran-led Pakistan, Hindustan Times, 6 August 2018, By Brahma Chellaney
37. US sanctions policy risks alienating India, Nikkei Asian Review, 3 August 2018, By Brahma Chellaney
38. Trump's Grand Strategy, Project Syndicate, 31 July 2018, By Brahma Chellaney
39. India's mistakes have allowed China to make inroads into Nepal, Hindustan Times, 6 July 2018, By Brahma Chellaney

40. Ambitious but short on transparency, The Washington Times, 1 October 2018, By Brahma Chellaney
41. Backlash against China could jeopardize its 'free ride', Asia Times, 28 September 2018, By Brahma Chellaney
42. India fumbles against a rogue neighbour, Mail Today, 27 September 2018, By Brahma Chellaney
43. The China Backlash, Project Syndicate, 27 September 2018, By Brahma Chellaney
44. Beijing loses a battle in the Maldives -- but the fight for influence goes on, Nikkei Asian Review, 25 September 2018, By Brahma Chellaney
45. China expands its control in South China Sea, The Japan Times, 17 September 2018, By Brahma Chellaney
46. Only by asserting its Indus leverage can India hope to end Pakistan's unconventional war, Hindustan Times, 14 September 2018, By Brahma Chellaney
47. Why the Nepali communist challenge to India is deadly, DailyO, 11 September 2018, By Brahma Chellaney
48. Washington must address Indian concerns over the effects of its new sanctions on Iran and Russia, Hindustan Times, 3 September 2018, By Brahma Chellaney
49. A Global Environmental Threat Made in China, SG HUFFE, 3 September 2018, By Brahma Chellaney
50. We need a rules-based Indo-Pacific, Hindustan Times, 6 November 2018, By Brahma Chellaney
51. Belt and roadblocks: India's stance vindicated as China's grandiose BRI plans run into resistance, Times of India, 29 October 2018, By Brahma Chellaney
52. The linchpins for a rules-based Indo-Pacific, Japan Times, 25 October 2018, By Brahma Chellaney
53. Pakistan's double game stymies Afghan peace, Hindustan Times, 25 October 2018, By Brahma Chellaney
54. The Great Asian Game-Changer: Why PM Modi's Tokyo visit could cement a Japan-India strategic alliance, DailyO, 25 October 2018, By Brahma Chellaney
55. Why Mike Pence is playing bad cop against China, The National, 24 October 2018, By Brahma Chellaney
56. The End of America's China Fantasy, Project Syndicate, 22 October 2018, By Brahma Chellaney
57. Maldives: India should not rest on its oars, Hindustan Times, 9 October 2018, By Brahma Chellaney
58. The Beijing backlash begins, The Japan Times, 4 October 2018, By Brahma Chellaney
59. No easy escape from Afghan war for Trump, Nikkei Asian Review, 2 October 2018, By Brahma Chellaney
60. China's unconventional war is inflicting greater damage on India, Hindustan Times, 5 January 2019, By Brahma Chellaney
61. A mortal threat to Asia's rise, Nikkei Asian Review, 21 December 2018, By Brahma Chellaney
62. Treat China like the bully it is, The Japan Times, 20 December 2018, By Brahma Chellaney
63. The US's new free and open Indo-Pacific strategy, Hindustan Times, 19 December 2018, By Brahma Chellaney
64. View: India's Kartarpur headache, Economic Times, 14 December 2018, By Brahma Chellaney
65. China's South China Sea Grab, Project Syndicate, 14 December 2018, By Brahma Chellaney
66. Evangelist's fatal exploits highlight threat to indigenous tribes, Nikkei Asian Review, 30 November 2018, By Brahma Chellaney
67. The John Chau episode shows India's internal security is porous, Hindustan Times, 26 November 2018, By Brahma Chellaney
68. Sri Lanka - Democracy in Danger, Nikkei Asian Review, 13 November 2018, By Brahma Chellaney
69. A Concert of Indo-Pacific Democracies, Project Syndicate, 12 November 2018, By Brahma Chellaney

70. The non-violence myth: India's founding story bestows upon it a quixotic national philosophy and enduring costs, *The Times of India*, 4 February 2019, By Brahma Chellaney
71. The shackles of history in a democracy, *The Japan Times*, 4 February 2019, By Brahma Chellaney
72. Trump's Gift to the Taliban, *Project Syndicate*, 31 January 2019, By Brahma Chellaney
73. China's new age of uncertainty, *The Japan Times*, 29 January 2019, By Brahma Chellaney
74. China's lonely rise: After decades of heady growth, Beijing is suddenly facing resistance at home and abroad, *The National*, 24 January 2019, By Brahma Chellaney
75. Remake the terms of the Indus treaty, *Hindustan Times*, 22 January 2019, By Brahma Chellaney
76. A rising power without allies, *Livemint*, 16 January 2019, By Brahma Chellaney
77. China is at a crossroads: Limits of its Party-led model are showing, *The Economic Times*, 11 January 2019, By Brahma Chellaney
78. The Vital Isolation of Indigenous Groups, *Project Syndicate*, 8 January 2019, By Brahma Chellaney
79. China's dam-building rage is threatening the whole of Asia, and India has the most to lose, *DailyO*, 7 January 2019, By Brahma Chellaney
80. Pakistan, China and terrorism, *Nikkei Asian Review*, 18 March 2019, By Brahma Chellaney
81. Use the IMF route to tighten the screws on Pakistan, *Hindustan Times*, 15 March 2019, By Brahma Chellaney
82. Why the Pakistan-Terrorist Nexus Persists, *Project Syndicate*, 11 March 2019, By Brahma Chellaney
83. How the terrorist threat from Pakistan can be quelled, *The Globe and Mail*, 1 March 2019, By Brahma Chellaney
84. Keep up the pressure on Pakistan, *Hindustan Times*, 28 February 2019, By Brahma Chellaney
85. China's master plan: A weak Indian regime to emerge from elections, *Hindustan Times*, 15 February 2019, By Brahma Chellaney
86. Awkward hole in India's election debate - foreign policy, *Nikkei Asian Review*, 14 February 2019, By Brahma Chellaney
87. India's security interests are at risk from US capitulation to Taliban, *Hindustan Times*, 5 February 2019, By Brahma Chellaney
88. India's confused and contradictory signals are only emboldening Pakistan, *DailyO*, 5 February 2019, By Brahma Chellaney

6. During the year under review Professor Lavanya Rajamani was involved in the following research and allied activities.

Journal Articles

1. The Legal Character and Operational Relevance of the Paris Agreement's Temperature Goal, Jacob Werksman, *Philosophical Transactions of the Royal Society A*, 376, 2 Apr 2018
2. The Issues that Never Die, Daniel Bodansky, *Carbon and Climate Law Review: Special Issue on the Paris Rulebook*, 12(3), 30 Oct 2018.

Book Chapters

1. Human Rights in the Climate Change Regime, *The Human Right to a Healthy Environment*, John H. Knox, Ramin Pejan, Cambridge University Press, Jun 2018.
2. The Principle of Common but Differentiated Responsibilities and Respective Capabilities in the International Climate Change regime, *Research Handbook on Climate Disaster Law, Barriers and Opportunities*, Rosemary Lyster, Robert R.M. Verchick, Edward Elgar, 29 Jun 2018.
3. The Evolution and Governance Architecture of the United Nations Climate Change Regime, Daniel Bodansky, *Global Climate Policy - Actors, Concepts, and Enduring Challenges*, Urs Luterbacher, Detlef F. Sprinz, MIT Press, Aug 2018.
4. Common but Differentiated Responsibilities and Respective Capabilities, *Principles of Environmental Law: Elgar Encyclopedia of Environmental Law series*, Ludwig Kramer, Derecho Y Medio Ambiente S. L., Emmanuela Orlando, Edward Elgar, 2018.

Policy Briefs

1. General Issues in Elaborating the Paris Agreement, Daniel Bodansky, 2 May 2018. Center for Climate and Energy Solutions (C2ES) Policy Brief.

Media Articles in Mainstream Media Platforms

1. New Rules on the Block, Indian Express, 18 Dec 2018.
2. COP24 climate change deal: Time for countries to deliver on their promises, Indian Express, 18 Dec 2018.
3. Paris to Katowice, Indian Express, 1 Dec 2018

Presentations at Conferences/Seminars

1. The King's Transnational, Law Summit 2018, (Theme: The New Human Condition: Creating Justice for Our Future) Environmental Justice: Accelerating Global Climate Action, 11 Apr 2018, London, King's College.
2. Conference on 'Due Diligence in International Law', Due Diligence in International Climate Change Law, Jun 2018, Berlin, Harnack House of the Max Planck Society,
3. 31st Law Asia conference, Environmental Law: Impact of Climate Change on Human Rights, Nov 2018, Siem Reap, Cambodia Law Asia.

Presentations at Round Tables Any Other Events

1. Climate Law and Governance: Public Lecture Series, Negotiating the Paris Rulebook: Issues, Options and Challenges, 9 Apr 2018, London, The Dickson Poon School of Law, King's, College London.
2. Methods Lab with Prof Lavanya Rajamani, Negotiating Multilateral Climate Agreements: Tools, Techniques and Approaches, 10 Apr 2018, London, The Dickson Poon School of Law, King's College London
3. Workshop on Implementing the Paris Agreement: Comparative Lessons from the Global Human Rights Regime, The Paris Agreement and Human Rights 21 May 2018, Florence European University Institute, Florence
4. Panel Discussion with J. M Mauskar, Rajasree Ray, Thomas Spencer, Vaibhav Gupta, and Professor Navroz K. Dubash, Presentation on 'The Paris Rulebook Negotiations: Issues, Options and Challenges', May 2018, New Delhi, Initiative on Climate, Energy and Environment, CPR New Delhi
5. Summer Course with 5 lectures and 1 seminar, International Climate Change Regime, Jul 2018, The Hague, The Hague Academy of International Law.
6. Workshop by the European Capacity Building Initiative, Paris Rulebook: Expectations (& Strategizing) for Katowice, Aug 2018, Oxford University of Oxford
7. Women in the Legal Profession in India: A Talk, Women in the Legal Profession in India Oct 2018, New Delhi, Vidhi Centre for Legal Policy and University of Oxford.
8. Centre for Science and Environment Media Briefing, Cross-Cutting Issues, and Challenges for Katowice, Nov 2018, New Delhi, Centre for Science and Environment.
9. Panel discussion at the two-day CPR Dialogues with Dr. Joanna Depledge, Amb. Chandrashekhhar Dasgupta, Chandra Bhushan, and Professor Lavanya Rajamani, The International Climate Change Regime: Looking Back to Look Forward, 17 Dec 2018, New Delhi, Initiative on Climate, Energy and Environment, CPR New Delhi.

7. During the year under review Senior Fellow, Amb. Shyam Saran was involved in the following research and allied activities.

Media Articles In Mainstream Media Platforms

1. China's slowing down, and that's bad news for the world, Hindustan Times, 25 March 2019, By Shyam Saran.
2. As we go into the elections, political parties must engage in debate on national security issues, The Indian Express, 15 March 2019, By Shyam Saran.
3. How China's rise and engagement is reshaping the global financial order, Business Standard, 13 March 2019, By Shyam Saran.
4. The Pakistan albatross, The Tribune, 4 March 2019, By Shyam Saran
5. The road to world power, Business Standard, 1 March 2019, By Shyam Saran
6. Playing with fire in Kashmir, Business Standard, 28 February 2019, By Shyam Saran
7. [Book Review] From Burma to Myanmar, Business Standard, 21 February 2019, By Shyam Saran.
8. Ad hoc responses won't work, The Tribune, 18 February 2019, By Shyam Saran
9. Politics, but no politics, The Indian Express, 16 February 2019, By Shyam Saran
10. Great Game in Kabul, Redux, India Today, 9 February 2019, By Shyam Saran
11. As China expands to its west, India is being pushed to the margins, Hindustan Times, 31 January 2019, By Shyam Saran
12. Eyes On Offshore Lights, Outlook, 30 January 2019, By Shyam Saran
13. China, Japan revive trade ties as India fades, Business Standard, 25 January 2019, By Shyam Saran
14. Plugged in to security, The Tribune, 25 January 2019, By Shyam Saran
15. How paradise was lost, Business Standard, 18 January 2019, By Shyam Saran
16. How serious is China's economic slowdown?, Business Standard, 10 January 2019, By Shyam Saran
17. A new phase in US pivot to Asia?, The Tribune, 7 January 2019, By Shyam Saran
18. Positives for India in its backyard but China's leverage unmatched, The Economic Times, 1 January 2019, By Shyam Saran
19. The bad variety of nationalism, The Tribune, 18 December 2018, By Shyam Saran
20. A Governor acts in haste, The Tribune, 24 November 2018, By Shyam Saran
21. A Diplomat in Tribal Country: Remembering Bastar Before the Fall, The Wire, 23 November 2018, By Shyam Saran
22. US-China trade war: Prospects for world, Business Standard, 16 November 2018, By Shyam Saran
23. India must take a well considered position to ensure reform in the WTO, Hindustan Times, 14 November 2018, By Shyam Saran
24. A soft State versus hard, The Tribune, 6 November 2018, By Shyam Saran
25. There are no technical fixes to deal with ecological changes, Hindustan Times, 19 October 2018, By Shyam Saran
26. Start of a new Cold War?, The Tribune, 13 October 2018, By Shyam Saran
27. [Book Review] Why our freedom is in danger, Business Standard, 11 October 2018, By Shyam Saran
28. Internationalisation of Chinese currency, Business Standard, 9 October 2018, By Shyam Saran
29. Call for national security doctrine, The Free Press Journal, 26 September 2018, By Shyam Saran
30. [Book Review] Tibet On A Chessboard, India Today, 26 September 2018, By Shyam Saran
31. India must focus on neighbourhood first, Hindustan Times, 25 September 2018, By Shyam Saran
32. The price of 'national security', The Tribune, 24 September 2018, By Shyam Saran
33. [Book Review] The Dalai Lama in black-and-white, Business Standard, 15 September 2018, By Shyam Saran

34. The challenge of assessing future risks, Business Standard, 11 September 2018, By Shyam Saran
35. [Book Review] Lahore: Syncretic past, troubled present, Business Standard, 6 September 2018, By Shyam Saran
36. Opting out of RCEP may push India on the margins of Asia, Hindustan Times, 5 September 2018, By Shyam Saran
37. Central Asia's cultural crossroads, Business Standard, 30 August 2018, By Shyam Saran
38. Vajpayee nurtured the middle ground in politics, Hindustan Times, 24 August 2018, By Shyam Saran
39. Ecological crisis: Point of no return?, Business Standard, 9 August 2018, By Shyam Saran
40. Trade wars aren't about trade today, Hindustan Times, 31 July 2018, By Shyam Saran
41. A blueprint for India–Australia economic relations, The Interpreter, 20 July 2018, By Shyam Saran
42. How the world sees India, Business Standard, 11 July 2018, By Shyam Saran
43. A swing state in the time of American disruption, India Today, 8 July 2018, By Shyam Saran
44. A swing state in the time of American disruption, India Today, 8 July 2018, By Shyam Saran
45. Quad can be the anchor for the Indo-Pacific region, Hindustan Times, 29 June 2018, By Shyam Saran
46. Rules of American engagement, India Today, 17 June 2018, By Shyam Saran
47. Technological advance: Between dream and despair, Business Standard, 12 June 2018, By Shyam Saran
48. With a US-China trade war likely, India must reposition itself as an investment destination, Hindustan Times, 28 May 2018, By Shyam Saran
49. Commentary: A tale of convergence between two big countries, two big leaders, Phuket News, 22 May 2018, By Shyam Saran
50. Do not fragment the global order, Hindustan Times, 21 May 2018, By Shyam Saran
51. N-deal: A signal triumph for Indian diplomacy, South Asia Monitor, 18 May 2018, By Shyam Saran
52. The Modi-Xi Wuhan Summit fixed the growing power imbalance between India and China – somewhat, Scroll, 17 May 2018, By Shyam Saran
53. A trek to remote Dolpo district: The perilous path to paradise in Nepal, Business Standard, 15 May 2018, By Shyam Saran
54. The decline of internationalism, Business Standard, 8 May 2018, By Shyam Saran
55. The Wuhan window, Indian Express, 7 May 2018, By Shyam Saran
56. Why regional connectivity in South Asia should be a strategic priority for India, Hindustan Times, 12 April 2018, By Shyam Saran
57. China's long-term plans for its currency, Business Standard, 11 April 2018, By Shyam Saran

8. During the year under review Senior Fellow Shylashri Shankar was involved in the following research and allied activities.

Books

1. A Secular Age Beyond the West: Religion, Law and the State in Asia, the Middle East and North Africa, Mirjam Kunkler, John Madeley, Shylashri Shankar Cambridge University Press, 2018, Edited Volume - co-editor

Journal Articles

1. The State of Emergency in India: Böckenförde's Model in a Sub-National Context, German Law Journal, 19, No. 2, 2018.

Book Chapters

1. Secularity and Hinduism's Imaginaries in India, *A Secular Age Beyond the West*, Kunkler, Madeley, Shankar, Cambridge University Press
2. Introduction, *Mirjam Kunkler, A secular age beyond the west*, Kunkler, Madeley, Shankar, Cambridge University Press
3. Judicial Independence in Latin America: A View From Asia, *Oxford Handbook of Constitutional Law in Latin America*, Conrado Hubner Mendes and Roberto Gargarella, Oxford University Press (forthcoming)

Working Papers

1. The Political Economy of Social Protection in South Asia, The World Bank 'Social Protection in Asia report', July 2018.

Media Articles in Mainstream Media

1. Eat your way to Heaven, 27 April
2. A time to thrill, 18 May
3. Wild Things, 18 May

Papers Submitted For Presentation at Conferences/Seminars

1. CORD: Workshop on Moral Economy of Protest and Participation, Story, Plot and the Marginalized, *A Moral Economy Tale of Justice*, July 17-20, 2018, Cape Town, University of Western Cape

Presentations at Conferences/Seminars

1. ISA World Congress of Sociology , Authors meet critics: Discussion of *A Secular Age Beyond the West*, July 2018, Toronto
2. LSE, Authors meet Critics: Discussion of *a Secular Age*, October 2018, London
3. Social Science History Association Panel, Authors meet Critics: Discussion of *a Secular Age*, November 10 2018, Phoenix, Arizona, SSHA.

9. **During the year under review Senior Fellow Kiran Bhatta was involved in the following research and allied activities.**

Journal Articles:

1. The Numbers Game - How Well Has It Served the Cause of Education?, By Kiran Bhatta, *Economic and Political Weekly*, 14 April 2018.
2. A review of Immoral Traffic Prevention Act, 1986 By Kiran Bhatta, *The Indian Police Journal*, Oct-Dec 2018, Vol 65. No.4. The Bureau of Police Research and Development, Ministry of Home Affairs, GOI.

Book Chapter:

1. School Education: Denials and Delusions by Kiran Bhatta in Azad, Chakraborty, Ramani and Sinha (eds), ***A Quantum Leap in the Wrong Direction?*** Orient Blackswan, Feb 2019.

Opinions:

1. There's a hole in the data, The Indian Express, 11 February 2019, By Kiran Bhatta and Dipa Sinha
2. Education and Employment Drew Blanks in the Interim Budget, The Wire, 1 February 2019, By Kiran Bhatta
3. Those we take for granted, The Indian Express, 24 January 2019, By Kiran Bhatta and Dipa Sinha
4. What Is Affecting the Performance of the Public Sector?, The Wire, 15 October 2018, By Kiran Bhatta and Dipa Sinha

10. During the year under review Senior Visiting Fellow E. Somanathan was involved in the following research and allied activities.

Books

1. Ecology, Economy and Society, Ram Chandra Bhattarai, Pranab Mukhopadhyay, Springer, Singapore, 31 July.

Journal Articles

1. Forest Carbon Supply in Nepal: Evidence from a Choice Experiment, Sahan Dissanayake, Randall A Bluffstone, Harisharan Luintel, NS Paudel, Michael Toman, The World Bank, 101, 2018/11/19.
2. Are renewable energy subsidies in Nepal reaching the poor?, Dipendra Bhattarai, Mani Nepal, Energy for Sustainable Development, 43, 2018/4/30.

Book Chapters

1. Transaction Costs in Irrigation Management in Kathmandu Valley, Nepal Ram Chandra Bhattarai, Pranab Mukhopadhyay, Ecology, Economy and Society, Springer, Singapore, 2018

Policy Briefs

1. An Economic Strategy for India – Environment brief, Abhijit Banerjee, Pranjal Bhandari, Sajjid Chinoy, Maitreesh Ghatak, Gita Gopinath, Amartya Lahiri, Neelkanth Mishra, Prachi Mishra, Karthik Muralidharan, Rohini Pande, Eswar Prasad, Raghuram Rajan, 14 December 2018.

Working Papers

1. The Impact of Temperature on Productivity and Labor Supply: Evidence from Indian Manufacturing, Rohini Somanathan, Anant Sudarshan, Meenu Tewari.
2. Community Managed Forest Groups and Preferences for REDD+ Contract Attributes: A Choice Experiment Survey of Communities in Nepal, Sahan T. M. Dissanayake, Prakash Jha, Bhim Adhikari, Rajesh Bista, Randall Bluffstone, Harisharan Luintel, Peter Martinsson, Naya Sharma Paudel, E. Somanathan and Michael Toman.

Papers Submitted For Presentation at Conferences/Seminars

1. 6th World Congress of Environmental and Resource Economists, Social Cost of Power from Coal and Renewables in India, 28 June, Gothenburg, Sweden, World Congress of Environmental and Resource Economists

Presentations at Conferences/Seminars

1. Public Economics Workshop, Social Cost of Power from Coal and Renewables, 21 March, New Delhi, India, Delhi School of Economics (DSE)&The centre for research on the Economics of Climate, Food, Energy and Environment (CECFEE).
2. National Seminar on Changing Landscape and Growing Financial Crisis in the Power Sector Critical look at the alternatives of coal pushed by the government: How green energy is green (Solar, wind)?, 2 September, New Delhi, India, USO International Centre (USOIC).
3. Interdisciplinary Global Environmental Health Collaborations Conference, Social Cost of Power from Coal and Renewables in India, 30 October, New Delhi, India, University of Chicago Center in Delhi.
4. Annual Conference at Paris Dauphine University, The impact of Temperature on Productivity and Labor Supply: Evidence from Indian Manufacturing, 4 October, Paris, Dauphine University, Dauphine University.
5. 12th Annual meeting of Environment and Development Initiatives (EfD), Participant in all important events as Centre Director – EfD India Centre, 1-5 November, Hanoi, Vietnam Environment and Development Initiatives (EfD).
6. 4th Annual CECFEE Research & Policy Workshop, The impact of Temperature on Productivity and Labor Supply: Evidence from Indian Manufacturing, 17 November, Goa, India, Center for Research on the Economics of Climate, Food Energy and Environment.
7. Regulation and Environment Seminar, Social Cost of Power from Coal and Renewables in India, 26 November, Paris School of Economics, Paris School of Economics and University Paris.

Presentations at Round Tables Any Other Events

1. Workshop on the Economics of Energy, Environment and Climate in Beijing, Social Cost of Power from Coal and Renewables in India, 7-8 April, Peking University, China Center for Economic Research(CCER), National School of Development(NSD), of Peking University.
2. Sustainable Energy Transitions Initiative (SETI)3rd Annual Meeting, Discussant, 15-17 May, Duke University, Durham, NC, Swedish International Development Cooperation Agency (SIDA) through the Environment for Development Network.
3. 6th World Congress of Environmental and Resource Economists Panelist at the Policy debate on Climate Policy - an Indian Perspectives., 27 June, Gothenburg, Sweden, AERE, EAAERE & University of Gothenburg
4. Workshop on market-based approaches to environmental management (MBAEM) in Asia Discussant, 10-11 July, Manila, Asian Development Bank (ADB)
5. National Workshop at Madras School of Economics (MSE) on Economic Costs of Climate Change in Rural India, Panelist on - Climate change impacts, Research priorities 12-13 July, Madras School of Economics (MSE)
6. National Roundtable Discussion meeting on “Geoengineering and India: Science and Policy”, Discussant, 26th July, Centre of Atmospheric and Oceanic Sciences (CAOS, IISC, Bangalore IISC, Bangalore).
7. Research for Policy Action on Air Pollution – As part of CPR Dialogues in collaboration with CECFEE Panelist and Presented -Research on Air Pollution Mitigation by CECFEE, 17th December, The Claridges Hotel, Delhi CPR in collaboration with CECFEE.

11. During the year under review Senior Visiting Fellow Philippe Cullet was involved in the following research and allied activities.

Books:

1. Right to Sanitation in India: Critical Perspectives, Edited by Philippe Cullet, Sujith Koonan, and Lovleen Bhullar, Oxford University Press, 2019.
2. Groundwater and Climate Change – Multi-Level Law and Policy Perspectives, Edited by Philippe Cullet and Raya Marina Stephan, Abingdon: Routledge, 2019

Journal Articles

1. Model Groundwater (Sustainable Management) Bill, 2017: A New Paradigm for Groundwater Regulation, By Philippe Cullet, Indian Law Review, 11 January 2019.

Briefs and Reports

1. Synthesis Report on Faecal Sludge and Septage Management in Uttarakhand, Odisha and Rajasthan: Challenges and Opportunities, By Sujith Koonan, Philippe Cullet, And Lovleen Bhullar, 30 March 2019
2. Faecal Sludge and Septage Management in Rajasthan: A Review of the Law and Policy Framework, By Sujith Koonan, Philippe Cullet, And Lovleen Bhullar, 30 March 2019
3. Faecal Sludge and Septage Management in Uttarakhand: A Review of the Law and Policy Framework, By Sujith Koonan, Philippe Cullet, And Lovleen Bhullar, 30 March 2019
4. Faecal Sludge and Septage Management in Odisha: A Review of the Law and Policy Framework, By Sujith Koonan, Philippe Cullet, And Lovleen Bhullar, 30 March 2019

12. During the year under review Senior Fellow Shubhagato Dasgupta was involved in the following research and allied activities.

Briefs and Reports

1. Sanitation in Large and Dense Villages of India: The Last Mile and Beyond, By Aditya Bhol, Shubhagato Dasgupta, Anindita Mukherjee, And Aastha Jain, 30 March 2019
2. ‘Bridging the Gap’ Opportunities for Private Sector Participation in Faecal Sludge and Septage Management, By Anindita Mukherjee, Prashant Arya, Shubhagato Dasgupta, And Shikha Shukla Chhabra, 30 March 2019
3. Training Manual on Non-Sewered Urban Sanitation, By Shubhagato Dasgupta, Anju Dwivedi, Ambarish Karunanithi, Swati Dhiman, Deepti Raj, And Neha Agarwal, 18 September 2018

13. During the year under review Fellow Avani Kapur was involved in the following research and allied activities.

Journal Articles

1. The centralization vs decentralization tug of war and the emerging narrative of fiscal federalism for social policy in India, Avani Kapur, Yamini Aiyar, Regional and Federal Studies, 24 September 2018

Policy Briefs

1. Budget Briefs Samagrah Shiksha Abhiyan, Mridusmita Bordoloi, 1st Feb 2019, February
2. Budget Briefs Integrated Child Development Services (ICDS) GOI, 2019-20 (Interim Budget), Ritwik Shukla, 1st Feb 2019

3. Budget Briefs National Health Mission GOI, 2019-20 (Interim Budget), Prerananandita Baisnab and Ruchi Junnarkar, 1st Feb 2019
4. Budget Briefs Swachh Bharat Mission - Gramin, GOI, 2019-20 (Interim Budget), Devashish Deshpande, 1st Feb 2019
5. Budget Briefs Swachh Bharat Mission - Urban, GOI, 2018-19, Prerananadita Baisnab, 1st Feb 2019
6. Budget Briefs National Rural Drinking Water Programme (NRDWP) GoI, 2019-20 (Interim Budget) Vastav Irava, 1st Feb 2019
7. Budget Briefs MGNREGS, GOI 2018-19, Meghna Paul, 1st Feb 2019
8. Budget Briefs Pradhan Mantri Awas Yojana GOI, 2019-20 (Interim Budget), Sahithya Venkatesan, 1st Feb 2019
9. Budget Briefs Pradhan Mantri Matru Vandana Yojana & Janani Suraksha Yojana (PMMVY & JSY)GOI, 2019-20 (Interim Budget), Ritwik Shukla, 1st Feb 2019

Working Papers

1. Deshpande, August 2018.
2. National Health Mission (NHM) Mission Director and, the Technical Support Unit (TSU), Unpacking the Processes of Open Defecation Free, Status in Udaipur, Devashish
3. working with the government in Uttar Pradesh to understand reasons for low utilisation of funds and diagnose bottlenecks in implementation of health interventions, Institutional Report, Not published but submitted to Government of Uttar Pradesh.

Media Articles in Mainstream Media Platforms

1. Decentralised approach to Tackling Nutrition, Avani Kapur, Yojana, May 2018.
2. 'Seeking cohesive social sector strategy', Avani Kapur, Deccan Herald, Feb 2019.

Presentations at Conferences/Seminars

1. Panel organised by CBGA and Room to Read, December 2018, Delhi , CBGA and Room to Read.

Presentations at Round Tables Any Other Events

1. Workshop: A Common Vision for Tackling Malnutrition in India Building on Data, Evidence and Expert Opinion, March 2019, Delhi, IFPRI-POSHAN.
2. Workshop on Improving Education Outcomes, December 2018, Delhi, Comptroller Auditor General of India (CAG).
3. Training of batch of probationers of the Indian Civil Accounts Service, Public Expenditure Accountability: Expenditure Tracking and Social Audits, April 2018, Delhi, NIPFP
4. Training of batch of probationers of the Indian Civil Accounts Service, Social Accountability focusing on Public Expenditure Tracking and Social Audits, December 2018, Delhi, NIPFP
5. Speaker: 3ie on data, December 2018, Delhi, 3ie
6. Training of second batch of students , Understanding State Capability: Understanding Budgets, September 2018, Delhi ISDM
7. Panel discussion Masters in Nonprofit Leadership and Management, Roundtable Discussion, May 2018, Delhi, Jindal School of Liberal Arts & Humanities (JSLH), OP Jindal Global University
8. Roundtable on Philanthropic and CSR support for the Right to Education Act, Roundtable Discussion, April 2018, Delhi, IDFC, Norrag
9. Roundtable on SATH-E Track II, Discussion, May 2018, Delhi, NITI Aayog
10. Flagship course on Health System Strengthening and Sustainable Financing-2018 Rules versus Responsiveness Case study of National Health Mission, May 2018, Mussoorie, Harvard School of Public Health and LBSSNA, Online MooQ, April 2018, Delhi , CCS

Sitting On Task Forces and Working Groups/Policy Advisory Committees

1. Expert Committee formed for the National Conference on Delivering Quality Education, July 2018, Delhi, DCPCR.

Targeted Meetings with Policy Makers

1. Meeting to discuss scope of 2 studies commissioned by the 15th Finance Commission, meeting with Fifteenth Finance Commission, September 2018
2. Presentation to the Commission on the findings of a report studying the 14th Finance Commission Recommendations to Gram Panchayats, Meeting with Fifteenth Finance Commission, February 2019

14. During the year under review Fellow Ananth Padmanabhan was involved in the following research and allied activities.

Book Chapters

Big Data, Anirudh Rastogi, Regulation in India: Design, Capacity, Performance, Devesh Kapur, Madhav Khosla, Hart Publishing April 2019.

Book Chapters:

1. White Paper on Regulating E-Commerce in India: Need for a Principles-based Approach, Arjun Sinha, March 2019.

Media Articles in Mainstream Media Platforms

1. Legal Challenges to Aadhaar: Money Bill, Early Enrolments and Exclusions, Madhav Khosla, The Print, 26 June 2018.
2. The Aadhaar Challenge: 3 Features that put Constitutional Rights at Risk Madhav Khosla, The Print, 27 June 2018.
3. Another Aadhaar challenge Supreme Court must address: Excessive delegation, Madhav Khosla, The Print, 28 June 2018.
4. Only a new law that addresses concerns can save Aadhaar, Madhav Khosla, The Print, 29 June 2018
5. Draft data protection bill pays little attention to the dangers of state power, Madhav Khosla, The Print, 30 July 2018
6. On privacy, Supreme Court's Aadhaar verdict doesn't even engage with the concerns, Madhav Khosla, The Print, 27 September 2018
7. In Aadhaar, Supreme Court did not probe if it is a tool to track citizens, Madhav Khosla, The Print, 30 September 2018
8. Like the EU, India must regulate data effectively, Hindustan Times, 13 December 2018
9. Both BJP and Congress are complicit in expanding state surveillance without legal basis, Madhav Khosla, ThePrint, 24 December 2018
10. Twice in a week, India moves to clamp down free speech, Madhav Khosla, The Print, 27 December 2018

Papers Submitted For Presentation at Conferences/Seminars

1. Seminar on Public Interest Technology, Privacy in Drone Systems, March 11, 2019, Washington DC, New America.

Presentations at Conferences/Seminars

1. Informational Privacy in India: An Emerging Discourse, Introducing Privacy in the Indian Context, 29 November 2018, Taj Vivanta - Ambassador, near Khan Market, New Delhi, Technology and Society Initiative, Centre for Policy Research

Presentations at Round Tables Any Other Events

1. Personal Data Protection Bill, Workshop for Parliamentarians, Limitations and Exceptions in the PDP Bill, 13 December 2018, Taj Mansingh, New Delhi, Governance and Public Policy Initiative, Centre for Policy Research.

15. During the year under review Fellow Mukta Naik was involved in the following research and allied activities.

Journal Articles

1. Book review: Subaltern Urbanisation in India: An Introduction to the Dynamics of Ordinary Towns, Gregory F Randolph, Urban Studies, 1-3, December 2018

Book Chapters

1. Moving from Principle to Practice: Provision of social welfare to internal migrants in India to enhance work opportunities, Partha Mukhopadhyay, People on the Move: Advancing the Discourse on Migration & Jobs, JustJobs Network

Policy Briefs

1. Migration Junctions: Reimagining Places, Reorienting Policy, Gregory F Randolph, April 2018

Media Articles In Mainstream Media Platforms

1. Gurgaon Must Resist the Communal Narrative for the Sake of Its Economy, The Wire, 22 May 2018.
2. Very few cities are liveably smart, Partha Mukhopadhyay, Hindustan Times, 14 August 2018.
3. For equitable growth, India must unthink the urban, Partha Mukhopadhyay, Hindustan Times, 17 December 2018

Papers Submitted For Presentation At Conferences/Seminars

1. Workshop on Rural-Urban Entanglements in India, The city means work, the village means home' Narratives of struggle and aspiration from Kishangarh, Rajasthan, 27 April 2018, New Delhi, University of Washington/Ambedkar University Delhi
2. AAS-in-India, Spanning boundaries? Articulations and negotiations of urban regeneration in Delhi's informal settlements, 5 July 2018, Association for Asian Studies/Ashoka University
3. National Consultation on Feminist Urban Futures: Cities for Women and Girls, Women in migration data: A case study of data blindsides, August 30, 2018, New Delhi Jagori
4. Urban Arc, Networks, mobilities and segmentation in small city labour markets, 12 January 2019, Bangalore, Indian Institute of Human Settlements.

Presentations At Round Tables Any Other Events

1. Round table, Migration Junctions in India and Indonesia: Reimagining Places, Reorienting Policy, July 18, 2018, New Delhi, IDRC
2. Engaging with Inequalities, Film screening and art exhibition, Small City Dreaming: A documentary, December 1, 2018, Gurgaon, Alliance Francaise Delhi (in Gurgaon)
3. 2018 CONFERENCE ON LIFE IN INDIA'S SLUMS, Migration in non-metropolitan cities, 6 December 2018 New Delhi, UChicago Centre
4. Workshop on urban housing in India: discussion, CPR: Engagements in Urban Housing, 15 May 2018, New Delhi, World Bank

5. Masters class special lecture, Small city labour markets and migration pathways for youth, 05 March, 2019 Rotterdam, The Netherlands, Institute for Housing and Urban Development Studies, Rotterdam

16. During the year under review Fellow Srinivas Chokkakula was involved in the following research and allied activities.

Journal Articles

1. River, state and centre, 21 June 2018.

Papers Submitted For Presentation At Conferences/Seminars

1. BASAS Annual Conference, Roads for Rural Development: Reproducing Remoteness and Cultures of Road Building in India, April 2018, Exeter, UK, BASAS and University of Exeter.

Presentations At Conferences/Seminars

1. CEAI Conference on River Basin Management Interstate river water cooperation: Policy pathways, July 27-28, 2018, Delhi, CEAI
2. The Asia Foundation – Annual Partners Conference, Indian Hydrocracy: Some Impressions and Reflections, 23 September 2018, Kathmandu.

Presentations At Round Tables Any Other Events

1. Roundtable on Cauvery Water Management Authority, CWMA April 2018, Delhi, CPR
2. The Asia Foundation – Annual Partners Conference, Indian Hydrocracy: Some Impressions and Reflections, 23 September 2018, Kathmandu, The Asia Foundation.
3. Training CWES Officers of CWC, Interstate river water governance: conflict to cooperation pathways, 22 October 2018, Pune, National Water Academy
4. Governing for Integrated Water Resource and Flood Risk Management, Role of Indian Federalism, Redefining the role of Indian federalism for flood risk management, 26 October 2018, Delhi, Hans Seidel Foundation
5. Workshop on River Basin Management Across Different Levels – The Role of River Basin Organisations (RBOs), States as Stakeholders: India's Ecosystem for Interstate Cooperation, 18 November 2018, Delhi, GIZ-NMCG
6. India River Week, Interstate Cooperation for Ecosystem Services, 6 November 2018, Delhi, WWF-India
7. 1st International Conference on Sustainable Water Management, Interstate River Water Governance: Conflict to Cooperation Pathways, 10-11 December 2018, Chandigarh, BBMB-ISB.

17. During the year under review Senior Visiting Fellow Véronique Dupont was involved in the following research and allied activities.

Journal Articles

1. Du squat au nettoyage urbain : processus et enjeux de catégorisation autour du slum dans la capitale Indienne [From squatter settlements to urban cleansing: Processes and issues in the categorisations around the “slum” in Delhi], *L'Année Sociologique*, Vol. 68 No 1, pp. 39-66. 3/05/2018 (electronic version), April 2018 (printed version) April.

Presentations at Conferences/Seminars

1. Questionner la ville intelligente en Inde. Projets, gouvernance, acteurs au regard de la Smart City Mission [Questioning the smart city in India. Projects, governance, actors in view of the Smart City Mission], Concluding remarks on the forgotten ones of the smart city

- mission, 25 September 2018, Paris EHESS-CEIAS, (Centre for Indian and South Asian Studies).
2. Le temps des Villes Indiennes, Trajectoires Photographiques [The time of the Indian Cities, Photographic Trajectories], Le regard biaisé des medias sur un bidonville emblématique de Delhi, Kathputli Colony, le « slum des artistes»». [The skewed media look at an iconic Delhi slum, Kathputli Colony, “the artists’ slum”], 23 October 2018, Paris, Ecole Nationale Supérieure d’architecture Paris-Malaquais
 3. Living at the Margins in and of Cities. Social sciences approaches, Living at the Margins in and of Cities. Social sciences approaches, Living at the margins of the legal city in Chennai, India Critical issues in a precarious settlement along the Buckingham Canal in the southern periphery, 19 December 2018 Paris, EHESS, Centre Chine-Japon & Centre d’Etudes sur la Chine moderne et contemporaine, R. Dhanalakshmi

Presentations at Round Tables Any Other Events

1. Department of Geography, Environment & Society “Coffee hour” talks, Slum-free city planning versus durable slums. Insights from Delhi, India, 7 November 2018, Minneapolis, USA, University of Minnesota, Shankare Gowda.

18. During the year under review Fellow Shibani Ghosh was involved in the following research and allied activities.

Journal Articles

1. Appellate Authorities under Pollution Control Laws in India: Powers, Problems and Potential, Shibani Ghosh, Sharachandra Lele, Nakul Heble, Law, Environment and Development, Volume 14, Issue 1, September 2018.

Working Papers (Not published in peer-reviewed journals)

1. Comments on National Clean Air Programme (NCAP). Navroz K. Dubash, Shibani Ghosh, Kanchi Kohli, Manju Menon, Partha Mukhopadhyay, Mukta Naik, Lavanya Rajamani, Arkaja Singh, Manish, Ankit Bhardwaj, Parth Bhatia, Disha Sharma, May 21, 2018.
2. Comments on Draft National Forest Policy 2018 Manju Menon, Shibani Ghosh, Kanchi Kohli, April 17, 2018.

Media Articles In Mainstream Media Platforms

1. Public health in India a casualty of air pollution Shibani Ghosh, Kalpana Balakrishnan, Hindustan Times, December 20, 2018.
2. Air pollution: India waking up, but there’s a long way to go, Navroz K. Dubash, Shibani Ghosh, Santosh Harish, Hindustan Times, December 22, 2018.

Presentations At Conferences/Seminars

1. Workshop on ‘Real-time Nationwide Low-Cost Sensor Network for Air Quality Monitoring, August 29, 2018, New Delhi, Ministry of Environment, Forests and Climate Change.
2. Sensitization Process on Justicing: Balancing Rules, Principles, and Social Context, Environmental Justice, September 15, 2018, New Delhi, Delhi Judicial Academy
3. CPR Dialogues: Research for Policy Action on Air Pollution, Clearing the Air: Public Messaging in Times of Crisis, December 17, 2018, New Delhi, Centre for Policy Research and Centre for research on the Economics of Climate, Food, Energy and Environment (CECFEE), Indian Statistical Institute
4. Clearing the Air Seminar Series: Power plants as a source of Air pollution in India, [Moderator of panel], May 11, 2018 New Delhi, Centre for Policy Research

5. State of Nature in India Conference [Panellist], August 24, 2018, New Delhi, Goethe Institute.

19. During the year under review Fellow Zorawar Daulet Singh was involved in the following research and allied activities.

Books:

1. Power and Diplomacy, By Zorawar Daulet Singh, Oxford University Press, 2018

Journal Articles

1. Dealing with Pakistan Needs a Grand Strategy, By Zorawar Daulet Singh, Economic & Political Weekly, 30 March 2019.
2. A Sensible Tale of Three Powers, By Zorawar Daulet Singh, Economic & Political Weekly, 23 March 2019.
3. World Order without Hegemony, By Zorawar Daulet Singh, Economic & Political Weekly, 29 December 2018
4. India's role during the 1956 Suez Crisis: Between peacemaking and postcolonial solidarity, By Zorawar Daulet Singh, India Review, 17 November 2018.
5. Democracy and India's Foreign Policy, By Zorawar Daulet Singh, Economic and Political Weekly, 30 June 2018

20. During the year under review Fellow Ashwini K. Swain was involved in the following research and allied activities.

Book Chapters

1. Poverty in the Midst of Abundance: Repressive Populism, Bureaucratization, and Supply-side Bias in Madhya Pradesh's Power Sector-- Mapping Power: The Political Economy of Electricity in India's States, Navroz K Dubash, Sunila S. Kale, Ranjit Bhavirkar, Oxford University Press September 17, 2018
2. Transforming Reforms: Hype, Hostility, and Placation in Andhra Pradesh's Power Sector Reforms -- Mapping Power: The Political Economy of Electricity in India's States Navroz K Dubash, Sunila S. Kale, Ranjit Bhavirkar Oxford University Press, September 17, 2018
3. Protecting Power: The Politics of Partial Reforms in Punjab -- Mapping Power: The Political Economy of Electricity in India's States, Navroz K Dubash, Sunila S. Kale, Ranjit Bhavirkar, Oxford University Press, September 17, 2018.

Working Papers

1. Comments on the Proposed Amendments to the Electricity Act 2003, Parth Bhatia, Navroz Dubash, November 29, 2018

Media Articles In Mainstream Media Platforms

1. Consumers upfront in tale of two reforms in Andhra Pradesh -- Hindustan Times, September 20, 2018
2. Power politics at play, Navroz K. Dubash, Parth Bhatia, The Hindu, October 9, 2018
3. In a state of energy poverty: on the goal of 100% electrification -- The Hindu, May 12, 2018
4. Improving power procurement practices, Daljit Singh, Mint, May 24, 2018

Presentations At Conferences/Seminars

1. Trends and Way Forward in the State Electricity Sectors, 2018: An Experience Sharing Workshop, AT&C losses, agricultural consumption and subsidies September 3, 2018, Hyderabad, Prayas Energy Group
2. National Training Programme - Audit of Schemes/Intervention for affordable and clean energy, November 2018, Jaipur, The International Centre for Environment Audit and Sustainable Development
3. 4th Annual CECFEE Research & Policy Workshop Mapping Power: The Political Economy of Electricity in India's States, November 17, 2018, Goa, Centre for Policy Research and Centre for research on the Economics of Climate, Food, Energy and Environment (CECFEE), Indian Statistical Institute
4. 19th IPPAI Retreat 2018 The Water-Energy Nexus: The Political Economy Perspective, November 22, 2018, Bengaluru Independent Power Producers Association of Asia
5. Centre de Sciences Humaines Seminar, Mapping Power: The Political Economy of Electricity in India's States, November 12, 2018, Centre de Sciences Humaines

21. During the year under review Fellow Namita Wahi was involved in the following research and allied activities.

Media Articles In Mainstream Media Platforms

1. How Central And State Governments Have Diluted The Historic Land Legislation Of 2013, Namita Wahi, The Economic Times, 14 April 2018

Presentations At Conferences/Seminars

1. Dialogue on Governance of Scheduled Areas, The Law and Practice of Land Acquisition in India: From the Land Acquisition Act, 1894 to the RFCTLARR Act, 2013, April 4, 2018, Constitution Club, New Delhi, India Samata and Mines, Minerals and People.
2. Dialogue on Governance of Scheduled Areas, The Legal Regime and Political Economy of Land Rights of the Scheduled Tribes in the Scheduled Areas of India, April 4, 2018, Constitution Club, New Delhi, India, Samata and Mines, Minerals and People
3. Data Journalism Workshop and Consultation on Documenting Land Conflicts, The Legal Regime and Political Economy of Land Rights of the Scheduled Tribes in the Scheduled Areas of India May 8, 2018, Hotel Solitaire, Raipur, India, Land Conflict Watch and Oxfam
4. Law and Society Association Junior Scholars' Workshop The Evolution of the Fundamental Right to Property in the Indian Constitution, June 5-6, Sheraton Hotel, Toronto, Canada Law and Society Association
5. Law and Society Association Conference, The Legal Regime and Political Economy of Land Rights of the Scheduled Tribes in the Scheduled Areas of India, June 9, 2018, Sheraton Hotel, Toronto, Canada, Law and Society Association.
6. Bergen Exchanges, Elevating Water Rights to Human Rights in India, August 2018, Chr. Michelsen Institute, Bergen, Norway, Centre for Law and Social Transformation, Chr. Michelsen Institute, and University of Bergen.
7. National Seminar On "Displacement and Landlessness of, and Atrocities against, Scheduled Tribes" UNDERSTANDING LANDLESSNESS AND DISPLACEMENT OF SCHEDULED TRIBES, 14 September 2018, Kamladevi Multipurpose Hall, India International Centre, New Delhi, National Commission for Scheduled Tribes (NCST) and CPR Land Rights Initiative.
8. National Seminar On "Displacement and Landlessness of, and Atrocities against, Scheduled Tribes", UNDERSTANDING ATROCITIES AGAINST SCHEDULED TRIBES: PRESENTATION, 14 September 2018, Kamladevi Multipurpose Hall, India International Centre, New Delhi, National Commission for Scheduled Tribes (NCST) and CPR Land Rights Initiative.
9. Melbourne Institute of Comparative Constitutional Law Young Scholars' Forum, Property Rights, Social and Economic Rights and Distributive Justice in India: Land and Health

Lectures/Presentations At Round Tables Any Other Events

1. CPR DIALOGUES, Roundtable on Politics, December 17, 2018, New Delhi, India, CPR.
2. NIDEM Workshop for Defence and Civilian officials on Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013, Supreme Court Litigation on Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013, October 31, 2018, New Delhi, India , National Institute for Defence Estates Management.
3. NIDEM Workshop for Defence and Civilian officials on Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013, The Law and Practice of Land Acquisition in India: From Land Acquisition Act, 1894 to RFCTLARR, 2013, October 29, 2018, New Delhi, India, National Institute for Defence Estates Management.
4. Academy of European Law Summer Course, The Tension between Property Rights and Social and Economic Rights (SER)/Distributive Justice in the Indian Constitution, 26 June 2018, Florence, Italy, European University Institute.
5. Academy of European Law Summer Course, Litigating the Right to Health and Distributive Justice in India, June 27 2018, Florence, Italy, European University Institute.
6. Academy of European Law Summer Course, Land as Property and Land as Livelihood: Do we need Social Rights or Social Movements?, June 28, 2018, Florence, Italy, European University Institute
7. Women, Business and Human Rights Workshop – Women’s Rights to Land and Water: Legal and Social Barriers to Access, May 16, 2018, Lalit Hotel, New Delhi, India, Ashoka University’s Genpact Centre for Women Leadership.

22. During the year under review Visiting Fellow Radhika Khosla was involved in the following research and allied activities.

Book Chapters:

1. Building Cities: A View from India, By Radhika Khosla, in Urban Planet: Knowledge towards Sustainable Cities, Edited by Thomas Elmqvist, Xuemei Bai, Niki Frantzeskaki, Corrie Griffith, David Maddox, Timon McPhearson, Susan Parnell, Patricia Romero-Lankao, David Simon, And Mark Watkins, Cambridge University Press, 2018.

Journal Articles

1. Urbanization in the time of climate change: Examining the response of Indian cities, By Radhika Khosla And Ankit Bhardwaj, WIREs Climate Change, 27 November 2018.
2. More priorities, more problems? Decision-making with multiple energy, development and climate objectives, By Ankit Bhardwaj, Madhura Joshi, Radhika Khosla, And Navroz K Dubash, Energy Research and Social Science, 22 November 2018.
3. India’s building stock: towards energy and climate change solutions, By Radhika Khosla And Kathryn B Janda, Taylor & Francis Online, 22 October 2018.
4. India and Climate Change: Evolving Ideas and Increasing Policy Engagement, By Navroz K Dubash, Radhika Khosla, Ulka Kelkar, And Sharachandra Lele, Annual Review of Environment and Resources, 1 October 2018.
5. India’s energy and emissions future: An interpretive analysis of model scenarios, By Navroz K Dubash, Radhika Khosla, Narasimha D Rao, And Ankit Bhardwaj, Environmental Research Letters, Volume 13, Number 7, IOP Publishing Ltd., 4 July 2018.
6. Towards demand-side solutions for mitigating climate change, by Felix Creutzig, Joyashree Roy, William F. Lamb, Inês M. L. Azevedo, Wändi Bruine De Bruin, Holger Dalkmann, Oreane y. Edelenbosch, Frank W. Geels, Arnulf Grubler, Cameron Hepburn, Edgar G.

Hertwich, Radhika Khosla, Linus Mattauch, Jan C. Minx, Anjali Ramakrishnan, Narasimha D. Rao, Julia K. Steinberger, Massimo Tavoni, And Diana Ürge-Vorsatz & Elke U. Weber, Nature Climate Change, 3 April 2018.

Briefs and Reports

1. Integrating Urban Development and Climate Objectives: Insights from Coimbatore, By Ankit Bhardwaj And Radhika Khosla, 23 July 2018.

ACTIVITIES OF RESEARCH ASSOCIATES/SENIOR RESEARCH ASSOCIATES/SENIOR RESEARCHERS

The Researchers of CPR were involved in the following research and allied activities during the year 2018-19

1. Manish, Research Associate

Media Articles in Mainstream Media Platforms

1. To give beggars dignity, the State and civil society must come together, Ashwin Parulkar, Hindustan Time, 20-08-2018
2. High petrol prices can fund public transport, Mint, 18-09-2018.

Presentations at Conferences/Seminars

1. Switching to Sustainable Public Transport, Beyond IPT: Deconstructing Kolkata's auto-rickshaw system, 24-04-2018, The Gateway, Bangalore, The Energy and Resources Institute (TERI)

Presentations at Round Tables Any Other Events

1. Round Table discussion on "Smart and Connected Mobility in Indian Cities: Role of NMT", 13-04-2018, IHC, New Delhi, Confederation of Indian Industry (CII).
2. Roundtable on "How do people travel to work in India?", Travel to work in India: Commentary (with Shamindra Roy), 14-05-2018, IIT Delhi, Transportation Research and Injury Prevention Programme (TRIPP), IIT Delhi
3. National Level Round Table on "Looking back at 25 years: A Review of 74th Amendment", 12-11-2018 & 13-11-2018, United Theological College, Bangalore, IGSSS & CIVIC Bangalore
4. CORP seminar "Towards furthering action research for sanitation workers' safety", Manual cleaning of septic tanks, 04-12-2018, CPR, SCI-FI, CPR, Roundtable on "RTI in Urban India", 07-12-2018, ISI, New Delhi, CPR

2. Sama Khan, Research Associate

Journal Articles

1. Mission Impossible: Defining Indian Smart Cities, Persis Taraporevala, Marie-Hélène Zerah, EPW, Vol.53, Issue No.49, 15th December 2018.

Media Articles In Mainstream Media Platforms

1. Urban Only In Name, The Indian Express, 21st, November 2018.

3. Kanhu Charan Pradhan, Senior Researcher

Journal Articles

1. Predicting the Future of Census Towns, Shamindra Nath Roy, Economic and Political Weekly, Vol. 53, Issue No. 49
2. Recasting inequality: residential segregation by caste over time in urban India, Gayatri Singh, Trina Vithayathol, Environment and Urbanization

Book Chapters

1. Only 'Good People', Please: Residential Segregation in Urbanising India, Trina Vithayathol, Gayatri Singh, India's Contemporary Urban Conundrum, Sujata Patel, Omita Goyal.

Working Papers

1. Census towns in India - Current patterns and Future Discourses, Shamindra Nath Roy, 2018, May 1

4. Ankit Bhardwaj, Senior Research Associate

Journal Articles

1. India's Energy and Emissions Future: An Interpretive Analysis of Model Scenarios, Navroz K. Dubash, Radhika Khosla, Narasimha D Rao, Environmental Research Letters, Volume 13, Number 7, July 4, 2018
2. Urbanization in the time of climate change: examining the response of Indian cities, Radhika Khosla, WIREs Climate Change, Volume 10, Issue 1 November 26, 2018
3. More priorities, more problems? Decision-making with multiple energy, development and climate objectives, Navroz K. Dubash, Madhura Joshi, Radhika Khosla, Energy Research and Social Science, Volume 49, November 28, 2018

Policy Briefs

1. Integrating Urban Development and Climate Objectives: Insights from Coimbatore, Radhika Khosla, July 23, 2018.

Presentations at Conferences/Seminars

1. 9th International Conference on Climate Change, We Are Greener Than You Think: the practices of Indian cities in the era of climate change August 11, 2018, Mumbai, Tata Institute of Social Sciences.

Presentations at Round Tables Any Other Events

1. CPR Roundtable on 'The Opportunities from Energy-Use in Affordable Housing', August 23, 2018, New Delhi, Centre for Policy Research
2. CPR and Prayas (Energy Group) Roundtable on 'Residential Electricity Consumption', August 2, 2018, New Delhi, Centre for Policy Research
3. Roundtable on emerging forms of hybrid energy systems in cities of the global south Energising India's Smart Cities: Insights from city proposals, October 30, 2018, New Delhi, Centre for Policy Research.
4. Roundtable on 'Urban India and Climate Change Research', December 20, 2018, New Delhi, Centre for Policy Research.

5. Eesha Kunduri, Research Associate

Journal Articles

1. Between khet (field) and factory, gaanv (village) and sheher (city): Caste, gender and the (re)shaping of migrant identities in urban India, South Asia Multidisciplinary Academic Journal (SAMAJ), 19, Special Issue on 'Caste-Gender Intersections in Contemporary India' November 2018.

Policy Briefs

1. Migration to Brick Kilns in India: An appraisal, Shamindra Nath Roy, 30 July 2018

Presentations at Conferences/Seminars

1. Association for Asian Studies (AAS)-in-Asia Conference, Spanning boundaries? Articulations and negotiations of urban regeneration in Delhi's informal settlements (co-presented with Mukta Naik), 6 July 2018, India Habitat Centre, New Delhi Association for Asian Studies, Yale University and Ashoka University.

Presentations at Round Tables Any Other Events

1. Summer exchange course on 'Mega Cities: the Many Lives of Delhi', Informality and Negotiated Citizenship in Delhi (co-presented with Mukta Naik), 7 August 2018, Ashoka University, Sonapat, Ashoka University.

6. Parth Bhatia, Research Associate

Working Papers

1. Comments on the Proposed Amendments to the Electricity Act 2003, Navroz K. Dubash, Ashwini K. Swain, November 29, 2018
2. Comments on National Clean Air Programme (NCAP). Navroz K. Dubash, Shibani Ghosh, Kanchi Kohli, Manju Menon, Partha Mukhopadhyay, Mukta Naik, Lavanya Rajamani, Arkaja Singh, Manish, Ankit Bhardwaj, Disha Sharma, May 21, 2018

Media Articles in Mainstream Media Platforms

1. Power politics at play, Navroz K. Dubash, Ashwini K. Swain, The Hindu October 9, 2018

7. Pranav Kuttaiah, Research Associate

Journal Articles

1. Are Linguistic Nationalisms Killing South Indian Federalism?, Economic & Political Weekly, 24 November 2018, November 2018

Working Papers

1. The Election in Karnataka: Caste, Class, and Regional Complexity, Neelanjan Sircar, 14th May 2018

Media Articles in Mainstream Media Platforms

1. The Story Of India – How Pa Ranjith's Kaala changes the way we imagine the city, The Caravan Magazine, 24 June 2018
2. Complexity in Lingayat vote may affect Karnataka election results, Neelanjan Sircar, Hindustan Times, 12 May 2018
3. Karnataka elections: JD(S) is effective in leveraging networks across the state, Neelanjan Sircar, Hindustan Times, 12 May 2018.

8. Ashwin Parulkar, Senior Researcher

Books

1. The Right to Food Debates: Social Protection for Food Security in India, Orient Blackswan, June 2018, Eds. Harsh Mander, Ashwin Parulkar and Ankita Aggarwal

Book Chapters

1. Introduction - The Right to Food Debates, Harsh ManderThe Right to Food Debates: Social Protection for Food Security in India, Eds Harsh Mander, Ashwin Parulkar and Ankita Aggarwal
2. Debate: Scope of the National Food Security Act, The Right to Food Debates: Social Protection for Food Security in India, Eds. Harsh Mander, Ashwin Parulkar and Ankita Aggarwal
3. Debate: Starvation, The Right to Food Debates: Social Protection for Food Security in India, Eds. Harsh Mander, Ashwin Parulkar and Ankita Aggarwal
4. Debate: Cash Transfers, The Right to Food Debates: Social Protection for Food Security in India, Eds. Harsh Mander, Ashwin Parulkar and Ankita Aggarwal

5. Debate: Malnutrition, Ankita Aggarwal, Harsh Mander, The Right to Food Debates: Social Protection for Food Security in India, Harsh Mander, Ashwin Parulkar, Ankita Aggarwal, Orient Blackswan

Media Articles In Mainstream Media Platforms

1. To give beggars dignity, the state and civil society must come together, Manish, Hindustan Times, August 20, 2018

Presentations At Conferences/Seminars

1. Association for Asian Studies Conference (Delhi, Understanding Metropolitan Homelessness - An overview of a three-part ethnography, July 6, 2018, India Habitat Centre, Delhi, Association for Asian Studies, Ashoka University
2. Oral History Association of India (OHAI) Conference, Survival in Jama Masjid –A life-history based ethnography of residents in a women’s shelter in Jama Masjid, February 1, 2019, Ambedkar University
3. Tackling the Challenges of Urban air Pollution – Linking Research and Policy for Air Quality Improvement, Working Lives of Homeless Men: An Ethnography of Company Bagh Labor Chowk, Old Delhi, March 6, 2019, Indian Habitat Centre, University of Birmingham & Indian Institute of Technology.

LIBRARY AND INFORMATION & DISSEMINATION SERVICES

During the year 2018-19, 101 books were added to the library of the Centre. The acquisition mainly related to books of subjects such as Policy Sciences, Economic Policy Analysis, Urbanisation, Political Science, Law, Regulation, and the State, Environmental Law and Governance, International Relations and Security, Defence and other fields of relevance to Research Programmes of the Centre.

The CPR library has a collection of a total of 10811 books after weeding a few old books. The library subscribed to 41 journals and received gratis 50 periodicals. These cover major policy fields of concern to scholars at CPR. In addition to these, 15 daily newspapers are being received in the library.

The library continued to be a member of the Developing Library Network (DELNET), New Delhi. One Samsung SCX 4521F multifunctional fax machine and email service are being used extensively for communication and information retrieval purposes. One HP Elite 8300 is being used by CPR faculty/researchers.

With the help of Canon IR-ADV 4545 Digital Plain Paper Copier with Reverse Automatic Document Feeder, Duplexing for Automatic Back to Back copying, Set making, Sorting, Rotate sorting, 25%-400% Zoom with A-3 Size Network Laser Printer and Scanner, and 250 GB Hard Disc for document server, better and efficient reprographic facilities were provided to researchers and other staff of the Centre.

For other material and publications, the CPR library depends upon the services of 25 libraries of various academic and other research institutions in Delhi which have been generous enough to lend their books and journals for the Centre's use on the principle of reciprocity.

COMPUTER UNIT'S ACTIVITIES

During the year under report, the following activities were undertaken by the Computer Centre.

1. Services and Apps hosted at cprindia.org domain on Google Suite were maintained and configured as per the user's requirement.
2. Dell Sonicwall Firewall, the CPR's unified threat management system was configured to safeguard Centre's local area network. Policies were created and implemented for the distribution of bandwidth among various user groups.
3. Hardware & software procured and disposed;
 - a. Video Conferencing System comprising of an Android TV, Integrated Speaker & Mike & a PTZ Camera was purchased & installed in the Committee room.
 - b. Fifteen laptops including Macbooks, Two Desktop PC's, Four Laser jet printers, Two Logitech presenters, Two Monitors, one Router, One laser range finder, Two Cameras, One Barcode Scanner, Two external hard disks etc. were purchased, configured and installed as per requirements of the users.
 - c. Licenses of Kaspersky Endpoint Security Select (125 nos.), MS Office 2019 for Mac (01 no.), Adobe master collection for creative cloud team (02 nos.), Adobe acrobat pro 2017 ESD (03 nos.), MS Office home & business 2016 for Mac (01 no.) were purchased and installed.
 - d. Obsolete hardware (07 PC's, 25 Laptops, 05 Printers, 07 UPS, 03 Monitors) were disposed off.
4. Administrative services leading to the development of websites for following five projects were provided.
 - a. Accountability Initiative
 - b. cprindia.org (maintenance only)
 - c. Microsite for CPR dialogues
 - d. Accountability Initiative's Hum aur Hamari Sarkar
 - e. Trans-boundary Rivers, Ecologies, and Development Studies (TREADS)
5. Maintenance and Configuration of Centre's Local Area and Wi-Fi Network, Hardware and software were carried out as per requirement. IT support services were provided to all users of the Centre by attending their hardware & software issues. Support services related to seminars and conferences held at the Centre during the year were also provided.

GRANTS

The CPR received the following grants from the ICSSR during the financial year 2018-19 (in lakhs):

1.	Recurring grant OH (36)	Rs. 100.00
2.	Recurring grant OH (31)	Rs. 55.00

	Total:	Rs. 155.00

The CPR gross corpus fund now stands at Rs. 1013.82 lakh. CPR's gross receipts (including specific project receipts) during the year was Rs. 3600.97 lakh. ICSSR recurring grant is 4.30% of CPR's gross receipts during the year.

A number of agencies and Government departments as named below continued their support to the Centre during the year:

List of Major Grantors

1. Indian Council of Social Science Research, New Delhi
2. IDRC, Canada
3. Bill and Melinda Gates Foundation, USA
4. William & Flora Hewlett Foundation, USA
5. Ford Foundation, USA
6. HDFC Ltd.
7. The Asia Foundation, USA
8. NAMATI Inc. USA
9. Omidyar Network Foundation, USA
10. Mac Arthur Foundation, USA
11. Ministry of Water Resources, Govt. Of India
12. Chr. Michelsen Institute, Norway
13. Children Investment Fund Foundation, UK

CPR received a corpus of Rs.50 lakh from the Department of Economic Affairs, Ministry of Finance, Govt. of India in the year 1994-95. An interest of Rs.450,000/- was earned during the year 2018-19 on the investment of the said corpus, of which a sum of Rs.449,618/- has been utilized during the year towards maintenance and development of the Centre leaving a balance of Rs.8,453/- at the end of the year (including previous balances).

TAX EXEMPTION FOR DONATIONS TO CPR

CPR has been approved u/s 35(1)(iii) of the Income Tax Act 1961 w.e.f. April 1, 2005, which entitles the Donor under the present Income Tax Laws a weighted deduction @ 125% of the amount of donation. CPR has also been approved u/s 80G(5) (vi) of the Income Tax Act, 1961 for the period from April 1, 2011 onwards which entitles the donor 50% tax deduction of the net qualifying amount.

CPR FACULTY AND STAFF

(As on 31st March 2019)

Professors and Senior Fellows

1. Yamini Aiyar
President & Chief Executive
2. Brahma Chellaney
Professor , PhD (Jawaharlal Nehru University)
3. Lavanya Rajamani
Professor, D Phil (University of Oxford)
4. Nimmi Kurian
Professor, PhD, Jawaharlal Nehru University)

Professor Emeritus

5. Charan Wadhva (Ph.D, Yale, USA)

Honorary Research/Visiting Professors

6. Subhash C Kashyap
7. Ved Marwah (Retd. IPS)
8. K R G Nair
9. R. Rangachari
10. B N Saxena
11. Sanjib Baruah
12. Sanjoy Hazarika
13. G Parthasarathy
14. Bharat Karnad

Senior Fellows

15. Partha Mukhopadhyay
16. Shylashri Shankar
17. Ramesh Chandran
18. Shubhagato Dasgupta
19. Navroz Dubash
20. Shyam Saran
21. Shyam Babu
22. Kiran Bhatta
23. Manju Menon

Senior Visiting Fellows

24. Philippe Cullet
25. Jishnu Das
26. Rani Mullen
27. Marie- Helene Zerah
28. Sanjaya Baru
29. Neelanjan Sircar
30. E Somanathan

Fellows

31. Avani Kapur
32. Namita Wahi
33. Srinivas Chokkakula
34. Arkaja Singh
35. Shibani Ghosh
36. Zorawar Daulet Singh
37. Santosh M Harish
38. Anna Agarwal
39. Mukta Naik

Visiting Fellow

40. Ashwini Swain

Senior Researchers

41. Mridusmita Bordoloi
42. Ashwin Parulkar
43. Anindita Mukherjee
44. Anju Dwivedi
45. Shamindranath Roy
46. Snehal Shah
47. Kanchi Kohli, Legal Research Director, Namati

Senior Research Associate

48. Devashish Deshpande
49. Aditya Bhol
50. Ambarish Karunanithi
51. Vincy Davis
52. Kanhu Charan Pradhan
53. Ankit Bhardwaj
54. Parth Bhatia
55. Rajika Seth, Lead-Learning And Development

Research Associates

56. Sandeep Bhardwaj
57. Stanzin Yumchen
58. Sama Khan
59. Prerananandita Baisnab
60. Sharonee Dasgupta
61. Ankit Bhatia
62. Jaidev Joshi
63. Neha Agarwal
64. Meghna Paul
65. Ritwik Shukla
66. Tripti Singh
67. Ruchi Junnarkar
68. Manish
69. Eesha Kunduri
70. Sunil Kumar Singh
71. Deepti Raj
72. Varun Pandey
73. Neeru Singh
74. Aakansha Jain

75. Nancy D Cruz
76. Prakriti Prajapati
77. Gokulnath Govindan
78. Abhinav Kumar
79. Tanvi Tomar
80. Kshitij Jaiswal
81. Baisakhi Sarkar
82. Dhiraj Santdasani
83. Aastha Jain
84. Sanjana Malhotra

Research Assistants

85. Bal Govind
86. Suneel Kumar
87. Prashant Arya
88. Pranav Kuttaiah

Program Staff

89. Vidya Vishwanathan, Director-India Program
90. Bharat Bhai Hari Bhai Dodiya, Enviro-Legal Coordinator
91. Mahabaleshwar Hegde, Senior Program Manager
92. Santosh Rao Dara, Program Manager
93. Sushant Anand, Sr Program Officer,
94. Aamna Ahmad, Learning and Development Associate

Administration, Accounts, IT, Communications & Other Services

95. L. Ravi, Chief, Administrative Services
96. Ajay Nayyar, Senior System Analyst
97. Rupendra Chahar, Administrative Officer.
98. Richa Bansal, Director (Communications)
99. Dhruv Bhasin, Communications Associate-Content and Digital
100. Niyati Dave, Communications Officer
101. Kanika Dhariwal, Communications Associate
102. Praveen D Souza, Communications Administrative Asst.
103. Pooja Gupta, Chief Accounts Officer
104. M.C. Bhatt, Accounts Officer
105. Ramesh Kumar, Accounts Assistant
106. V.K. Tanwar, Assistant System Analyst
107. Shiv Charan, Senior Supervisor
108. Y.G.S. Chauhan, Assistant Librarian
109. Sunil Kumar, Associate to President
110. Pramod Kumar Malik, Associate to President
111. Sonia Bhutani Gulati, Public Relations Associate
112. Vinod Kumar, Deputy Supervisor
113. Satnam Kaur, Finance and Admn. Manager
114. Ajit Kumar Misra, Finance and Admn. Associate
115. Ravi Raunaq Robin, Administrative Assistant
116. Pankaj Kumar Mishra, Network Assistant
117. Avantika Srivastava, Senior Communications Officer
118. Arun Gopinath, Administrative Assistant
119. Rekha Aswal, Administrative Executive

Other Supporting Staff

120. Ranjit Singh

121. Poona Ram

122. Rohan



V. SANKAR AIYAR & CO.

CHARTERED ACCOUNTANTS

Flat No.202 & 301, Satyam Cinema Complex
Ranjit Nagar Community Centre, New Delhi – 110008
Tel.(011) 25702691, 25704639; e-mail: newdelhi@vsa.co.in

INDEPENDENT AUDITOR'S REPORT

TO THE MEMBERS OF CENTRE FOR POLICY RESEARCH

OPINION

We have audited the accompanying financial statements of **CENTRE FOR POLICY RESEARCH (the Society)**, which comprise the Balance Sheet as at 31st March 2019 and the Income and Expenditure Account for the year then ended and a summary of significant accounting policies and other explanatory information.

In our opinion and to the best of our information and according to the explanations given to us, the financial statements, read with other notes given thereto, give a true and fair view in conformity with the accounting principles generally accepted in India:

- a) In the case of the Balance Sheet, of the state of affairs of the Society as at 31st March 2019; and
- b) in the case of the Income and Expenditure Account, of the surplus for the year ended on that date;

Management's Responsibility for the Financial Statements

Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position and financial performance of the Society in accordance with the Generally Accepted Accounting Practices in India. This responsibility also includes maintenance of adequate accounting records in accordance with the provisions of the Act for safeguarding of the assets of the organization and for preventing and detecting frauds and other irregularities; selection and application of appropriate accounting policies; making judgments and estimates that are reasonable and prudent; and design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal financial control relevant to the Society's preparation of the financial statements that give a true and fair view in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on whether the company has in place an adequate internal financial controls system over financial reporting and the operating effectiveness of such controls. An audit also includes evaluating the appropriateness of the accounting principles used and the reasonableness of the accounting estimates made by the Society's Governing Board, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Other Matters

- a) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purposes of our audit.
- b) In our opinion, proper books of account have been kept by the Society so far as appears from our examination of the books of accounts.
- c) The Balance Sheet, and the Income and Expenditure Account dealt with by this report are in agreement with the books of account

Sd/-

For V. Sankar Aiyar & Co.
Chartered Accountants
(Firm Regn. No.: 109208W)

Place: NEW DELHI
Dated: 04-SEP-2019

Sd/-

M.S. BALACHANDRAN
Partner (M. No: 024282)

UDIN: 19024282AAAAHR9769

CENTRE FOR POLICY RESEARCH					
BALANCE SHEET AS AT 31ST MARCH, 2019					
					Amount in Rs.
FUNDS AND LIABILITIES	Sch	As on 31.03.2019		As on 31.03.2018	
CORPUS FUND (SPECIFIC)	1		3,79,59,000		3,79,59,000
CORPUS FUND (GENERAL)	1		6,27,23,405		6,27,23,405
CAPITAL FUND (ASSETS)	2		97,48,421		85,62,407
CAPITAL RESERVE			44,08,025		44,08,025
ENDOWMENT FUND			7,00,000		7,00,000
RESERVE FOR CONTINGENCIES			1,02,00,000		1,02,00,000
UNSPENT BALANCES IN SPECIFIED PURPOSES/ PROJECTS	3		36,80,90,413		22,44,25,037
GRANT - NATIONAL KNOWLEDGE COMMISSION	4		13,70,804		13,70,804
PROVISIONS	5		1,69,18,644		1,29,18,644
INCOME AND EXPENDITURE ACCOUNT			4,13,02,520		3,76,49,495
LIABILITY (ADVANCE INCOME) AGAINST BILL & MELINDA GATES FOUNDATION- STRENGTHENING THE CAPABILITY OF THE STATE IN INDIA- CAPACITY SUPPORT FUND	10.12		8,12,70,000		-
CURRENT LIABILITIES	9		6,42,008		7,35,511
TOTAL			63,53,33,240		40,16,52,328
PROPERTY & ASSETS					
FIXED ASSETS	6				
Gross Block			3,77,75,560		3,74,27,295
Less: Accumulated Depreciation			2,80,27,139	97,48,421	2,88,64,888
					85,62,407
INVESTMENTS	7		59,13,14,883		35,50,82,059
(including Corpus Fund Investments)					
CURRENT ASSETS, LOANS AND ADVANCES:	8				
Cash and Bank Balances	8(a)		86,29,302		2,27,75,648
Advances recoverable/ adjustable	8(b)		2,56,40,634	3,42,69,936	1,52,32,214
					3,80,07,862
TOTAL			63,53,33,240		40,16,52,328
Accounting policies and notes on accounts	10				
					For and on behalf of
					CENTRE FOR POLICY RESEARCH
<u>AS PER OUR REPORT OF EVEN DATE.</u>					
FOR V.SANKAR AIYAR & CO.					
CHARTERED ACCOUNTANTS					
(Firm's Registration No. 109208W)					Sd/-
					(YAMINI MRINALIKA AIYAR)
Sd/-					PRESIDENT
(M.S.BALACHANDRAN)					
PARTNER (M.No. 024282)					
		Sd/-			Sd/-
PLACE: NEW DELHI		(POOJA GUPTA)			(L RAVI)
DATED: 04/09/2019		CHIEF ACCOUNTS OFFICER		CHIEF - ADMINISTRATIVE SERVICES	

CENTRE FOR POLICY RESEARCH					
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2019					
					Amount in Rs.
INCOME			2018-19		2017-18
Grant-in-Aid from ICSSR			1,55,00,000		1,49,00,000
Interest on Investments:					
Endowment and Corpus Interest		51,43,905		43,59,552	
Dividend Income on Corpus		73,008		1,53,105	
Interest on Income Tax Refunds		-		92,854	
Other Interest Income		48,25,327	1,00,42,240	51,14,473	97,19,984
Miscellaneous Income			8,29,992		1,47,442
Transfer from Domestic Grants			11,84,395		15,08,718
Transfer from Foreign Grants			1,96,55,538		1,62,15,132
Completed Projects - Balances written back (Net)			1,59,527		69,140
Proceeds on sale of assets			1,98,402		81,507
Royalty			-		657
Earlier Year GST Credit Recognised			5,72,153		-
TOTAL			4,81,42,247		4,26,42,580
EXPENDITURE			2018-19		2017-18
<u>SALARIES, WAGES & BENEFITS TO STAFF</u>					
Salaries and wages		2,66,83,391		2,59,31,318	
Contribution to Provident Fund		19,36,726		19,06,235	
Contribution to Gratuity Fund (LIC)		10,00,000		10,00,000	
Contribution to / payment of Leave Encashment Benefits		10,09,246		10,19,460	
Medical Insurance & other Staff Welfare		2,10,177	3,08,39,540	3,00,091	3,01,57,104
Security and Allied Services			31,79,149		32,37,929
Travel and conveyance			2,64,743		4,98,341
Rates and taxes			4,66,198		2,96,220
Printing, stationery, office supplies			79,839		1,23,403
Communication expenses			1,62,171		1,68,352
Electricity and water			6,92,473		6,08,144
Office maintenance and repairs			7,92,693		7,48,763
Hospitality and common courtesy			2,40,616		1,52,426
Insurance			32,159		38,531
Library books, newspapers and periodicals			6,22,941		5,91,987
Audit and other fee			3,02,700		4,02,500
Miscellaneous expenses			69,103		34,829
Membership and subscriptions			17,287		-
Service tax input credit written off			-		72,630
Bank charges			9,942		7,994
Conference and Programmes			6,35,811		8,88,131
Advertisement			3,490		2,23,569
Vehicle maintenance			1,57,224		87,255
Legal and professional			5,86,509		19,26,059
Depreciation		21,62,666		20,51,495	
Less: Met from Capital Fund		21,62,666	-	20,51,495	-
Total C.O.			3,91,54,588		4,02,64,167

CENTRE FOR POLICY RESEARCH					
SCHEDULES TO STATEMENT OF ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 2019					
					Amount in Rs.
PARTICULARS		As on 31.03.2019		As on 31.03.2018	
<u>CORPUS FUNDS:</u>					Schedule - 1
<u>CORPUS FUNDS (SPECIFIC)</u>					
As per last Balance Sheet					
- The Ford Foundation- Foreign Currency Corpus		30,58,000		30,58,000	
- The Ford Foundation Perpetuity Chair -PP RAG Unit		1,30,01,250		1,30,01,250	
- The Ford Foundation Track-2 Dialogue		84,49,750		84,49,750	
- GOI, Minister of External Affairs Track-2 Dialogue		9,50,000		9,50,000	
- National Commission on Population - PPRAG		1,25,00,000	3,79,59,000	1,25,00,000	3,79,59,000
<u>CORPUS FUNDS (GENERAL)</u>					
As per last Balance Sheet			6,27,23,405		6,27,23,405
Total			10,06,82,405		10,06,82,405
<u>CAPITAL FUND (ASSETS)</u>					Schedule - 2
As per last Balance Sheet			85,62,407		93,87,087
Add: Assets purchased out of Specific purpose/ Project Fund			22,84,915		12,59,614
Add: Transfer from Income and Expenditure - equal to additions out of non-project funds			13,34,633		84,600
Less: Depreciation met from Capital Fund			21,62,666		20,51,495
Less: WDV of assets written off/ discarded/ sold			2,70,868		1,17,399
Total			97,48,421		85,62,407
GRANT - NATIONAL KNOWLEDGE COMMISSION					Schedule - 4
BALANCE OF UNUTILISED GRANT					
As per last Balance sheet			13,70,804		10,81,532
Interest on Investments			-		2,89,272
			13,70,804		13,70,804
Less: amounts utilised			-		-
Total			13,70,804		13,70,804
Represented by:					
Fixed Deposit with Canara Bank			13,17,332		13,17,332
Canara Bank C/A NO 5827			11,010		11,010
TDS Recoverable			42,462		42,462
Total			13,70,804		13,70,804
<u>PROVISIONS</u>					Schedule - 5
<u>Provision for Repairs and Maintenance</u>					
As per last Balance Sheet		1,29,18,644		1,29,18,644	
Less: Utilised for Capital Expenditure		-	1,29,18,644	-	1,29,18,644
<u>Provision for 7th CPC Arrears</u>					
Transfer from Income & Expenditure Account		40,00,000		-	
Less: Utilised for Payment		-	40,00,000	-	-
Total			1,69,18,644		1,29,18,644

CENTRE FOR POLICY RESEARCH					
SCHEDULES TO STATEMENT OF ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 2019					
					Amount in Rs.
PARTICULARS		As on 31.03.2019		As on 31.03.2018	
INVESTMENTS (At cost)					Schedule - 7
(including Corpus Fund Investments)					
GOI 8 % Savings (Taxable) Bonds		2,07,20,000		2,07,20,000	
Fixed Deposits with Banks		32,07,69,902		21,86,85,739	
Fixed Deposits with HDFC Ltd		6,66,90,218		3,72,37,457	
Fixed Deposits with PNB Housing Finance Ltd		7,47,50,873		3,39,54,973	
Fixed Deposits with LIC Housing Finance Ltd		8,42,87,000		4,03,87,000	
Fixed Deposits with HUDCO		2,15,00,000		15,00,000	
Units of UTI		20,96,890		20,96,890	
Units of Canara Robeco Mutual Fund		5,00,000		5,00,000	
Total		59,13,14,883		35,50,82,059	
a) CASH AND BANK BALANCES					Schedule - 8
In current Accounts with:					
Canara Bank C/A NO-0157201000348 - F/C	29,27,498		95,15,238		
Canara Bank - C/A NO-0157201004775	74,483		1,28,91,158		
Canara Bank - Saving A/C NO-015710131459	52,64,374		-		
Canara Bank -C/A 0157201005222	8,453		8,071		
Punjab National Bank - C/A 1736002100011174	3,39,571		3,39,689		
Canara Bank -C/A 0157201005827 (NKC)	11,010		11,010		
Cash in hand - FC	3,636		9,598		
Cash in hand - Non-FC	277	86,29,302	884	2,27,75,648	
Sub-total		86,29,302		2,27,75,648	
b) ADVANCES RECOVERABLE/ ADJUSTABLE					
(Unsecured - considered good and recoverable)					
Staff Imprest and Advances to others		10,15,105		4,08,814	
Capital Advances		39,94,000		-	
Security Deposits		1,18,745		1,37,245	
Tax Deducted at Source		53,56,279		33,60,334	
Onwards Grant awaiting settlement		42,40,447		62,88,777	
Debit balances in Specified Grants/ Projects		1,09,16,058		50,37,044	
(excess spent in anticipation of Grant) (Refer Schedule - 3)					
Sub-total		2,56,40,634		1,52,32,214	
Total		3,42,69,936		3,80,07,862	
CURRENT LIABILITIES					Schedule - 9
Outstanding liabilities		6,42,008		7,35,511	
Interunit Balance		-		-	
Total		6,42,008		7,35,511	

CENTRE FOR POLICY RESEARCH					
					Schedule - 10
Significant Accounting Policies and Notes on Accounts					
1	BASIS OF ACCOUNTING				
	The financial statements have been prepared under historical cost convention and on a going concern basis. For recognition of Income and Expenses, the Centre follows cash basis of accounting. However, in the case of specified projects the amount incurred by the project staff/ consultants is accounted through individual imprest account, as to exhibit correct utilisation of				
	The primary objects and activities of the Society are in the field of Research and education. The Society has not carried on any activity this year in the nature of commercial, industrial and business and consequently the Accounting Standards issued by the Institute of Chartered Accountants of India are not mandatory. However, the Standards are followed to the extent relevant and				
2	FIXED ASSETS				
	Fixed Assets are recorded at cost less depreciation. Fixed Assets purchased out of specific grants, an equal amount is transferred to capital fund. Fixed assets acquired out of non-projects fund (i.e., own funds), an equivalent amount is transferred from current year income and expenditure account. Depreciation though debited to Income and Expenditure Account, is met out of Capital Fund. Capital Fund shows the amount funds (own or projects) utilised for acquisition of assets, net of depreciation to				
3	DEPRECIATION				
	Depreciation is charged on written down value method. In respect of additions, depreciation is charged for the full year. It is ignored on the deletion of assets.				
4	INVESTMENTS: Investments are valued at cost.				
5	EMPLOYEE BENEFITS				
	The Centre makes regular contributions to duly constituted fund in respect of Provident , Gratuity and Leave Encashment. The Centre has taken up policies under the Group Gratuity and Leave Encashment Schemes of LIC for meeting the liability. The Centre makes adhoc contributions to the funds and the same is accounted for, as and when paid. The accruing liability for future payment is not ascertained.				
	The Fund balance with the LIC as on 31.03.2019, (including interest credit on funded balances) for Gratuity Fund and Leave Encashment Policy are Rs. 190.83 lakhs and Rs. 104.18 lakhs respectively against the liability of Rs. 134.04 lakhs and Rs. 131.05 lakhs for Gratuity and Leave Encashment respectively.				
6	FOREIGN CURRENCY TRANSACTIONS				
	Foreign currency transactions are generally recorded at the exchange rate prevailing on the date of transaction.				
7	Income Tax:				
	(i) CPR is registered u/s 12 A (a) of the Income Tax Act, 1961 bearing registration No.DLI (C) (I – 682) dt. 15.04.1976.				
	(ii) The Permanent Account No. (PAN) allotted under the Act is AAATC0180H .				
	(iii) CPR is regular in filing the income tax returns, the last one filed being for the Assessment year 2018–19 (relating to FY 2017–18). There are no demands in respect of income tax.				
	(iv) CPR is also approved u/s 80G of the Act covering the period A.Y. 2012-13 and onwards vide letter of the Office of Director of Income Tax (Exemption) dt. 15.09.2011.				
8	CPR is registered under the Foreign Contribution (Regulation) Act, 1976 bearing Registration No. 231650007 and is regular in filing the annual return, the last one filed being for the financial year 2017-18. The Registration has been renewed by the Ministry of Home Affairs for a period of five years, ie., till 30th November, 2021, under the Foreign Contribution (Regulation) Act, 2010 and Rules made thereunder.				
9	The Planning Commission [as a nodal agency for providing services to the National Knowledge Commission (NKC)] had issued an order dt. 3.10.2005, which provided for CPR to act as a secretariat of NKC. The Order further stated that CPR shall maintain a separate account of the expenses of the Secretariat, to be met out of the grant in aid to NKC and would furnish an audited statement of accounts to the Planning Commission. Accordingly, the balance and the corresponding investment thereon are reflected separately.				
10	Claims against the society, not acknowledged as debts:- Subsequent to 31st March, 2016, counter-claim towards damages alleging deficiencies in examination conducting service, which the Society has not accepted - Rs.11.73 crore.				

11	Estimated amount of outstanding Capital Contracts - Rs. 1.44 Crore.					
12	During the year, the Society has received a sum of Rs.12,19,05,000 from Bill Melinda Gates Foundation for the Project "Strengthening the Capability of state in India - Capacity Support Fund". The Grant has been obtained for a period of fifteen years split into three blocks of five years. In accordance with the accounting practice followed by the Society, grant receipt relating to first block of five years amounting to Rs.4,06,35,000 has been considered as receipt in specified purposes funds and taken as income of the year for the purposes of section 11 and unspent money accumulated under section 11(2). The Balance moneys are reflected as a liability item as Advance Income, to be treated as income of the respective block of five years.					
13	The Office of the Director General of Audit, Central Revenues, New Delhi. carried out inspection of the accounts of CPR for the period 2004-2005 to 2006-2007. In their observations they have expressed their view that as per the terms and conditions stipulated in the sanction letters for grant issued by the ICSSR, the CPR has received excess grant of Rs.110.75 lakhs during the years 2005-06 and 2006-07, which is refundable. CPR has not accepted the conclusion reached by the government audit. Their report is under examination.					
SIGNATURES TO SCHEDULES 1 TO 10						
					For and on behalf of	
					CENTRE FOR POLICY RESEARCH	
FOR V.SANKAR AIYAR & CO.						
CHARTERED ACCOUNTANTS						
(Firm's Registration No. 109208W)					Sd/-	
					(YAMINI MRINALIKA AIYAR)	
Sd/-					PRESIDENT	
(M.S.BALACHANDRAN)						
PARTNER (M.No. 024282)						
					Sd/-	
PLACE: NEW DELHI					(POOJA GUPTA)	
DATED: 04/09/2019					(L RAVI)	
			CHIEF ACCOUNTS OFFICER		CHIEF - ADMINISTRATIVE SERVICES	

CENTRE FOR POLICY RESEARCH
BALANCE OF CONTRIBUTION FOR SPECIFIED PURPOSES/PROJECTS AS ON 31.03.2019

Schedule -3
(AMOUNT IN Rs)

S.No.	NAME OF SPONSOR AND PROJECT	Opening Balance (01.04.2018)		Receipts during the year	Interest/ Dividend	Transfer to Income and Exp A/c	Disbursements during the year	Completed projects balances written off/	Closing Balance (31.03.2019)	
		DR.	CR.						DR.	CR.
	FOREIGN CONTRIBUTION GRANTS									
1	ASIA FOUNDATION - INDIA NEPAL WATER RELATIONS	-	-	11,03,821	-	43,431	5,79,076	-	-	4,81,314
2	ASIA FOUNDATION - NETWORK IN TRANSBOUNDARY WATERS	-	-	20,68,200	-	1,56,000	13,19,000	-	-	5,93,200
3	BILL MELINDA GATES FOUNDATION- STRENGTHENING AWARENESS OF ELECTED REPRESENTATIVES ON MATERNAL AND CHILD HEALTH AND DIGITAL FINANCIAL INCULSIONS IN INDIA (GPPI)	-	6,68,832	-	-	-	1,034	-	-	6,67,798
4	BILL MELINDA GATES FOUNDATION- SCI -FI	-	3,94,32,003	-	19,82,915	11,68,468	77,89,782	-	-	3,24,56,668
5	BILL MELINDA GATES FOUNDATION- SCI F-II	-	3,18,36,014	4,99,81,239	38,75,236	53,99,339	3,59,98,478	-	-	4,42,94,672
6	BILL MELINDA GATES FOUNDATION- STRENGTHENING THE CAPABILITY OF THE STATE IN INDIA- CAPACITY SUPPORT FUND (refer note 10.12)	-	-	4,06,35,000	6,27,598	-	7,035	-	-	4,12,55,563
7	BILL MELINDA GATES FOUNDATION- STRENGTHENING THE CAPABILITY OF THE STATE IN INDIA	-	-	6,93,31,901	5,90,356	2,71,827	18,12,175	-	-	6,78,38,255
8	BILL MELINDA GATES FOUNDATION- SUPPLEMENTARY GRANT NO. OPP1038511 - NIRMAL STUDY	-	2,97,49,583	-	25,76,865	10,55,029	70,33,525	-	-	2,42,37,894
9	BILL MELINDA GATES FOUNDATION- TRACKING NUTRITION EXPENDITURE	-	2,66,55,936	1,81,20,548	13,60,724	19,45,402	1,29,69,349	-	-	3,12,22,457
10	BRITISH HIGH COMMISSION	-	-	3,80,000	-	-	2,36,454	-	-	1,43,546
11	BROWN UNIVERSITY- DIGITAL URBAN OBSERVATORY	-	1,96,910	-	-	-	1,96,657	253	-	-
12	CEBRAP BRAZIL - POLICY PROCESS IN INDIA:RIGHT TO INFORMATION,SOCIAL AUDIT AND PARTICIPATORY IRRIGATION MANAGEMENT	-	1,91,522	-	-	-	9,000	-	-	1,82,522
13	CENTRE FOR ETHICS IN ACTIONS	-	-	25,17,375	-	2,49,104	14,23,451	-	-	8,44,820
14	CHILDREN INVESTMENT FUND FOUNDATION- UK - MATRIX OF CHANGE (PILOT) - CPR ACCOUNTABILITY STUDY	-	-	76,53,708	-	1,62,844	10,85,626	-	-	64,05,238
15	CMI- WATER RIGHTS	-	1,88,524	11,08,261	-	-	12,61,083	-	-	35,702
16	CENTER DE SCIENCES HUMAINES - SUBURBIN ON SUBALTERN URBANIZATION IN INDIA	-	2,28,289	-	-	-	48,048	-	-	1,80,241
17	EMBASSY OF JAPAN- REIMBURSEMENT OF WORKSHOP EXPENSES	-	2,67,688	-	-	-	2,12,731	-	-	54,957
18	GOTHENBURG UNIVERSITY- ENVIRONMENT FOR DEVELOPMENT - INITIATIVE SECRETARIAT (EFD)	-	-	19,39,392	-	1,89,269	12,61,794	-	-	4,88,329
19	THE FORD FOUNDATION - PUBLIC POLICY ANNUAL CONFERENCE	-	-	91,45,000	63,237	-	71,69,411	-	-	20,38,826
20	THE FORD FOUNDATION (INSTITUTE OF INTERNATIONAL EDUCATION) - KOLKATTA EXPERIENCE	-	1,69,316	-	-	-	-	-	-	1,69,316
21	THE FORD FOUNDATION- FOREIGN CURRENCY CORPUS INCOME (FCCI)	-	26,38,454	-	2,59,627	-	1,88,886	-	-	27,09,195
22	FORD FOUNDATION - PERPETUITY CHAIR-SAARC	-	1,76,49,647	-	44,45,891	-	25,108	-	-	2,20,70,430
23	THE FORD FOUNDATION CORPUS INCOME FOR TRACK II DIALOGUES	-	64,81,495	-	17,58,408	-	61,17,230	-	-	21,22,673
24	THE FORD FOUNDATION - STUDY URBAN RESEARCH NETWORK IN INDIA TO SURFACE THE TACIT KNOWLEDGE ON URBAN INFORMALITY	-	1,06,01,007	3,48,19,081	8,09,185	16,57,958	2,62,15,740	-	-	1,83,55,575
25	GEORGETOWN UNIVERSITY	-	-	-	-	32,286	2,15,238	-	2,47,524	-
26	GLOBAL HEALTH STRATEGIES EMERGING ECONOMIES - GOVERNANCE AND PUBLIC POLICY INITIATIVE	-	33,77,936	76,70,000	-	4,34,652	43,46,519	-	-	62,66,765
27	HARVARD UNIVERSITY SOUTH EAST ASIA INSTITUTE	-	-	2,73,851	-	32,526	2,16,843	-	-	24,482
28	HARVARD UNIVERSITY CAMBRIDGE MASSACHUSETTS - REIMBURSEMENT OF EXPENSES	-	1,06,381	-	-	-	-	-	-	1,06,381
29	IDRC-CANADA-ROLE OF SMALL CITIES IN SHAPING YOUTH EMPLOYMENT OUTCOMES IN INDIA	-	26,22,957	-	47,057	-	26,69,430	584	-	-
30	INTERNATIONAL FOOD POLICY WASHINGTON DC - PARTNERSHIP AND OPPORTUNITIES TO STRENGTHEN AND HARMONIZE ACTION NUTRITION IN INDIA	-	-	11,15,291	-	-	1,73,399	-	-	9,41,892
31	INNOVATION FOR POVERTY ACTION- GLOBAL HEALTH PROGRAM TO ACCESS THE AVAILABILITY AND DELIVERY HEALTH SERVICES IN INDIA AND INDONESIA	-	45,09,489	-	-	-	76,287	-	-	44,33,202
32	INSTITUTE OF RESEARCH AND DEVELOPMENT FRANCE (IRD)- INDIAN RURAL BOUNDARIES AND BASIC SERVICES ETC	-	6,65,446	4,15,384	-	30,032	3,00,321	-	-	7,50,477
33	KOREA FOUNDATION- THE NEW GREAT GAME IN EAST ASIA	-	30,90,282	-	-	43,142	4,31,423	-	-	26,15,717

S.No.	NAME OF SPONSOR AND PROJECT	Opening Balance (01.04.2018)		Receipts during the year	Interest/ Dividend	Transfer to Income and Exp A/c	Disbursements during the year	Completed projects balances written off/	Closing Balance (31.03.2019)	
		DR.	CR.						DR.	CR.
34	JOHN D.AND CATHERINE T. 'MAC ARTHUR FOUNDATION- FOR DEVELOPING PRACTICE ON INTEGRATING CLIMATE, ENERGY AND ENVIRONMENT IN INDIA'S DEVELOPMENT FUTURE 16-1603-150748-CLS	-	19,72,932	1,17,90,240	-	15,47,910	1,03,20,135	-	-	18,95,127
35	NAMATI- ENVIORNMENTAL JUSTICE	-	37,44,531	2,27,17,330	70,456	32,39,203	2,18,08,321	-	-	14,84,793
36	OAK FOUNDATION- UNRESTRICTED SUPPORT -CLIMATE INITIATIVE - II	-	41,96,300	-	1,09,200	5,61,101	37,40,672	3,727	-	-
37	OMIDYAR NETWORK FUND -WORKSHOP OF GPPI	-	-	18,21,000	-	-	2,57,561	-	-	15,63,439
38	OMIDYAR NETWORK FUND -WORKSHOP	-	-	18,21,000	-	-	1,90,137	-	-	16,30,863
39	OMIDYAR NETWORK FUND -ACCOUNTABILITY INITIATIVE	-	2,55,767	-	-	-	2,16,024	-	-	39,743
40	OXFAM INDIA	-	-	11,64,151	-	1,54,997	10,33,314	-	24,160	-
41	SEPHIS-NEETHERLANDS	-	9,15,302	-	-	-	-	-	-	9,15,302
42	INTERNATIONAL DEVELOPMENT RESEARCH CENTRE- THINK TANK INITIATIVE PHASE II	-	14,19,993	72,91,355	71,803	-	1,30,30,616	-	42,47,465	-
43	BROWN UNIVERSITY- REIMBURSEMENT OF EXPENSES	-	-	-	-	-	64,267	-	64,267	-
44	RISE- DFID	-	-	-	-	1,55,380	10,35,865	-	11,91,245	-
45	UNIVERSITY OF CALIFORNIA- SAN TA CRUZ	1,67,953	-	1,99,367	-	11,865	78,698	-	59,149	-
46	UNIVRSITY OF CALIFORNIA SAN FRANCISCO	-	-	-	-	-	-	-	-	-
47	UNIVERSITY OF MANCHESTER- REIMBURSEMENT OF WORKSHOP EXPENSES IN CONNECTION WITH THE ACCOUNTABILITY INITIATIVE	-	2,04,328	-	-	-	-	-	-	2,04,328
48	WILLIAM & FLORA HEWLETT FOUNDATION- ACCOUNTABILITY INITIATIVE- NEW INFRASTRUCTURE GRANT	25,19,429	-	1,71,50,000	3,38,182	11,13,773	74,25,154	-	-	64,29,826
	SUB TOTAL	26,87,382	19,40,36,864	31,22,32,495	1,89,86,740	1,96,55,538	18,05,90,897	4,564	58,33,810	32,81,51,528
	DOMESTIC GRANTS									
49	15th FINANCE COMMISSION SAMPLE STUDY ON GPS- STUDY	-	-	5,90,000	-	-	8,20,162	-	2,30,162	-
50	15 th FINANCE COMMISSION STATE AND NATIONAL STUDY	-	-	5,90,000	-	-	9,94,809	-	4,04,809	-
51	ASHOKA UNIVERSITY- URBANISATION AND URBAN SYSTEM CITY DEBATES	27,929	-	3,29,491	-	-	2,61,000	40,562	-	-
52	DELHI COMMISSION FOR PROTECTION OF CHILD RIGHTS (DCPCR)	1,11,381	-	2,47,800	-	-	1,39,855	(3,436)	-	-
53	DULEEP MATHAI NATURE CONSERVATION TRUST-DESIGNING OF INFORMATION,EDUCATION AND COMMUNICATION MATERIAL ON WATER POLUTION ,THE COMMON ORDER AND HUMAN WILDLIFE CONFLICT	-	2,03,600	5,92,000	-	57,487	7,38,113	-	-	-
54	GIZ PROJECT -1	-	-	15,52,535	-	1,09,000	14,43,535	-	-	-
55	GIZ PROJECT -2	-	-	13,36,940	-	-	3,56,415	-	-	9,80,525
56	HDFC LTD- STATE OF HOUSING IN INDIA	-	-	1,00,00,000	-	-	-	-	-	1,00,00,000
57	HUMAN SETTLEMENT MANAGEMENT INSTITUTE (HSMI) - HOMELESSNESS	15,645	-	-	-	-	-	-	15,645	-
58	HUM AUR HAMARI SARKAR	-	-	56,050	-	-	13,864	-	-	42,186
59	INDIAN COUNCIL OF MEDICAL RESEARCH-PPP MATERNAL CARE	-	19,940	-	-	-	-	-	-	19,940
60	INDIAN COUNCIL OF MEDICAL RESEARCH-CENTRE HEALTH POLICIES RESEARCH WITH EMPHASIS ON REPRODUCTIVE HEALTH MATTERS	-	9,523	-	-	-	-	-	-	9,523
61	ICSSR-DOMINANT CASTE DEMAND	-	62,938	-	-	-	-	-	-	62,938
62	ICSSR-SECULARISM & SOCIAL CAPITAL AMONG THE MARGINALISED	-	17,989	-	-	-	-	-	-	17,989
63	ICSSR- AGRICULTURAL BIOTECHNOLOGY	3,68,251	-	9,20,433	-	-	-	-	-	5,52,182
64	ICSSR- UNDERSTANDING METROPOLITAN HOMLESSNESS A CASE STUDY OF DELHI	4,14,299	-	-	-	-	13,70,257	-	17,84,556	-
65	ICSSR- LAND RIGHTS DEVELOPMENT AND THE CONSTITUTION:MAPPING LAND LEGISLATION IN INDIA	-	2,97,621	16,00,000	-	-	13,28,086	-	-	5,69,535
66	ICSSR ORIENTATION PROGRAMME- FOR RESEARCH SCHOLARS AND FACULTY MEMBERS BELONGINGS TO SC ST AND OTHER MARGINALISED GROUPS UNDER SC COMPONENT	-	19,51,906	-	-	-	-	-	-	19,51,906
67	INDIA HEALTH ACTION TRUST-SERVICES FOR IMPROVING FINANCIAL MANAGEMENT AT NATIONAL HEALTH MISSION, UTTAR PRADESH	18,920	-	18,54,960	-	70,385	17,62,654	3,001	-	-
68	IPE GLOBAL	-	-	11,32,800	-	-	11,15,255	17,545	-	-
69	IFMR - CHENNAI (URBAN STUDY)	-	-	1,78,770	-	-	1,04,927	-	-	73,843
70	ISDM - DEVELOPMENT MANAGEMENT FOUNDATION	-	-	1,94,700	-	-	1,86,184	8,516	-	-

S.No.	NAME OF SPONSOR AND PROJECT	Opening Balance (01.04.2018)		Receipts during the year	Interest/ Dividend	Transfer to Income and Exp A/c	Disbursements during the year	Completed projects balances written off/	Closing Balance (31.03.2019)	
		DR.	CR.						DR.	CR.
71	JAMNALAL BAJAJ FOUNDATION- GOVERNANCE IN PUBLIC POLICY INITIATIVE	-	93,57,167	-	8,40,888	6,34,052	63,40,518	-	-	32,23,485
72	INSTITUTE FOR FINANCIAL MANAGEMENT AND SEARCH- (IFMR)- CHENNAI -CONDUCT A QUALITATIVE STUDY OF THE IMPLEMENTATION OF CHUNAUTI THE INITIATIVE OF GOVERNMENT OF NCT DELHI	3,06,000	-	-	-	-	56,000	-	3,62,000	-
73	KILA REIMB OF WORKSHOP EXPENSES	26,223	-	-	-	-	(26,223)	-	-	-
74	MINISTRY OF EXTERNAL AFFAIRS- BCIM 10TH DIALOGUE 18-19 FEB 12 AND BCIM 11TH DIALOGUE 23-24 FEB 2013	-	1,12,699	-	-	-	-	-	-	1,12,699
75	MINISTRY OF EXTERNAL AFFAIRS,GOVERNMENT OF INDIA-CORPUS INCOME FOR TRACK II DIALOGUES	2,926	-	-	2,185	-	-	-	741	-
76	MINISTRY OF FINANCE-GOVERNMENT OF INDIA-CORPUS INCOME	-	8,071	-	4,50,000	4,49,500	118	-	-	8,453
77	METAMORPHOSIS TECH TALK SERIES	-	1,86,157	-	-	-	1,23,448	-	-	62,709
78	MINISTRY OF WATER RESOURCES	-	-	29,00,000	-	1,00,614.00	25,06,141	-	-	2,93,245
79	NATIONAL COMMISSION ON POPULATION (NCP) - CORPUS INCOME	-	1,53,74,236	-	43,44,282	-	-	-	-	1,97,18,518
80	NITI AAYOG- METAMORPHOSE TECH TALK SERIES	-	8,65,036	11,80,000	-	-	16,93,960	-	-	3,51,076
81	NATIONAL COMMISSION ON ST	-	-	3,06,274	-	-	3,02,744	3,530	-	-
82	NATIONAL INSTITUTE OF URBAN AFFAIRS	-	-	8,60,880	-	-	16,05,142	-	7,44,262	-
83	OXFAM INDIA FEMALE LABOUR	-	-	7,99,250	-	1,03,575	6,90,500	-	-	5,175
84	POPULATION FOUNDATION OF INDIA- OVERALL PROGRAM IMPLIMENTATION PLAN (PIP) OUTCOME ANALYSIS FOR 18 STATES AND IN DEPTH PIP PROCESS IN TWO STATES - ACCOUNTABILITY INITIATIVE	-	3,31,099	-	-	-	3,29,320	1,779	-	-
85	SARASWATI GOODWILL FOUNDATION- M. TALKS	-	-	2,50,000	-	-	1,59,576	-	-	90,424
86	SWISS AGENCY FOR DEVELOPMENT AND COOPERATION - EMBASSY OF SWITZERLAND NEW DELHI (SDC) - INTEGRATING ENERGY AND CLIMATE OBJECTIVE AND INDIAN CITIES	4,39,104	-	11,44,169	-	91,965	6,12,928	172	-	-
87	TATA INSTITUTE OF SOCIAL SCIENCES-URBAN RELATED (TISS)	-	3,961	2,71,231	-	17,317	2,78,114	-	20,239	-
88	UNIVERSITY OF CALIFORNIA SAN FRANCISCO	-	-	3,26,351	-	-	2,97,621	-	-	28,730
89	UNOPS/WSSCC -DESIGN AND IMPLEMENTATION OF RESEARCH IN INDIA ON THE HUMAN RIGHTS TO SAFE DRINKING WATER AND SANITATION	-	13,57,710	-	-	-	13,57,710	-	-	-
90	UNICEF- ACCOUNTABILITY INITIATIVE UNDER THE PROGRAMME COOPERATION AGREEMENT (IV)	2,00,000	-	2,00,000	-	-	-	-	-	-
91	UNICEF- ACCOUNTABILITY INITIATIVE UNDER THE PROGRAMME COOPERATION AGREEMENT (V)	2,25,684	-	2,25,684	-	-	-	-	-	-
92	UNICEF- ACCOUNTABILITY INITIATIVE UNDER THE PROGRAMME MAHARASHTRA	-	-	14,49,000	-	-	12,47,193	-	-	2,01,807
93	WORLD BANK - WATER FEDERALISM - 71885513	-	-	45,90,672	-	-	30,28,675	-	-	15,61,997
94	WORLD BANK - WATER PARTNERSHIP PROGRAMME GRANT NO. 7183221	-	48,500	-	-	-	-	48,500	-	-
95	WORLD BANK - SOCIAL PROTECTION IN ODISHA GRANT NO. 7183159	1,93,300	-	2,28,094	-	-	-	34,794	-	-
96	WORLD BANK - STATE CAPACITY	-	-	-	-	-	10,28,457	-	10,28,457	-
97	WORLD BANK - HEALTH AND EDUCATION DISTRIBUTIONAL ANALYSIS GRANT NO. 7185776	-	1,80,020	12,74,542	-	-	19,45,939	-	4,91,377	-
	SUB TOTAL	23,49,662	3,03,88,173	3,71,82,626	56,37,355	16,33,895	3,42,12,997	1,54,963	50,82,248	3,99,38,885
	GRAND TOTAL	50,37,044	22,44,25,037	34,94,15,121	2,46,24,095	2,12,89,433	21,48,03,894	1,59,527	1,09,16,058	36,80,90,413

⊕ TRANSFERRED TO INCOME AND EXPENDITURE ACCOUNT

CENTRE FOR POLICY RESEARCH											
SCHEDULE OF FIXED ASSETS AS ON 31.03.2019											
										(Amount in Rs)	SCHEDULE-6
PARTICULARS	RATE OF DEP	COST				DEPRECIATION				WRITTEN DOWN VALUE	
		As on 01.04.2018	Additions	Deletions	As on 31.03.2019	Upto 01.04.2018	Additions	Deletions	Upto 31.03.2019	As on 31.03.2019	As on 31.03.2018
LAND		85,221	-	-	85,221	-	-	-	-	85,221	85,221
BUILDING	5%	96,43,471	-	-	96,43,471	68,09,396	1,41,704	-	69,51,100	26,92,371	28,34,075
FURNITURE & FIXTURE	15%	35,88,330	3,27,671	1,86,729	37,29,272	29,54,171	1,41,827	1,70,417	29,25,581	8,03,691	6,34,159
OFFICE EQUIPMENT	15%	64,33,931	8,34,928	5,21,133	67,47,726	47,17,023	3,67,277	4,17,809	46,66,491	20,81,235	17,16,908
ELECTRIC INSTALLATIONS	15%	3,26,531	-	3,19,331	7,200	3,17,738	918	3,16,658	1,998	5,202	8,793
VEHICLES	20%	7,64,469	-	-	7,64,469	5,12,507	50,392	-	5,62,899	2,01,570	2,51,962
AIR COOLING SYSTEM	15%	56,789	-	56,789	-	56,719	-	56,719	-	-	70
OFFICE MACHINERY	40%	1,19,75,820	14,92,411	14,47,301	1,20,20,930	1,02,48,419	12,42,339	13,33,337	1,01,57,421	18,63,509	17,27,401
LIFT	15%	18,05,413	-	-	18,05,413	8,23,848	1,47,235	-	9,71,083	8,34,330	9,81,565
FIRE FIGHTING EQUIPMENT	15%	15,10,369	-	-	15,10,369	13,77,387	19,947	-	13,97,334	1,13,035	1,32,982
OPTICAL MARK SCANNER	40%	7,40,000	-	7,40,000	-	7,05,475	-	7,05,475	-	-	34,525
INTANGIBLE ASSETS	25%	4,96,951	49,360	-	5,46,311	3,42,205	51,027	-	3,93,232	1,53,079	1,54,746
CAPITAL WORK IN PROGRESS		-	9,15,178	-	9,15,178	-	-	-	-	9,15,178	-
TOTAL		3,74,27,295	36,19,548	32,71,283	3,77,75,560	2,88,64,888	21,62,666	30,00,415	2,80,27,139	97,48,421	85,62,407
PREVIOUS YEAR		3,72,93,332	13,44,214	12,10,251	3,74,27,295	2,79,06,245	20,51,495	10,92,852	2,88,64,888	85,62,407	93,87,087

