

**INSEE-CESS International Conference**

**on**

**Climate Change and Disasters: Challenges, Opportunities and Responses**

*(The Tenth INSEE Biennial Conference)*

*Organised jointly with*

**Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), India**

**&**

**National Institute of Rural Development and Panchayati Raj, Hyderabad**

**Tentative Conference Programme (3 days)**

**6 - 8 November 2019**

**Venue: CESS, Hyderabad**

<p style="text-align: center;"><b>DAY 1: 6<sup>th</sup> November 2019, Wednesday</b> (Venue: Auditorium)</p> <p style="text-align: center;"><i>08.30-09.30: Registration</i></p> <p style="text-align: center;"><i>09.15-11.30: Inaugural Session</i></p> <p style="text-align: center;"><b>Chair: C H Hanumantha Rao</b> (Past President of INSEE, Former Chairman and Honorary Professor, Centre for Economic and Social Studies, Hyderabad)</p>		
09.15-09.25	Introduction	<b>Lavanya Suresh</b> Member, Local Organising Committee
09.25-09.35	Welcome	<b>E Revathi</b> Director, Centre for Economic and Social Studies, Hyderabad
09.35-9.40	Inauguration	Lighting of the Lamp
09.40-10.10	Inaugural Address: <i>Imperatives for Confronting Climate Change and Natural Disasters</i>	<b>Vinod Thomas</b> Special Adviser to the President and Dean of Asian Institute of Management, Manila and Visiting Professor, National University of Singapore; and former Director General of International Evaluation, Asian Development Bank and Senior Vice President, World Bank
10.10-10.40	Address by the Guests of Honour	<b>C Parthasarathi, IAS (TBC)</b> Principal Secretary, Department of Agriculture, Government of Telangana
		<b>Rajeev Ahal</b> Director, Natural Resource Management, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), India
		<b>W. R. Reddy, IAS (TBC)</b> Director General, National Institute of Rural Development and Panchayati Raj, Hyderabad
		<b>Malavika Chauhan / Amitanshu Choudhary (TBC)</b> Tata Trust, Mumbai
10.40-11.10	Presidential Address	<b>K N Ninan</b> President, Indian Society for Ecological Economics, New Delhi
11.10-11.15	About the Conference	<b>Jeena T Srinivasan</b> Organizing Secretary of the conference
11.15-11.25	Remarks by Chair	
11.25-11.30	Vote of Thanks	<b>Lavanya Suresh</b>
11.30-11.35	Group photo	Lawn in front of the auditorium
11.35-12.00	Tea/Coffee Break	Auditorium Dinning Hall

<b>12.00-13.30 (Parallel): Panel Session (PS) 1</b>	
<p><b>PS 1.1</b>  <b>Water Security and Climate Change Adaptation: Experiences and Way Forward</b>                  (Venue: Auditorium Seminar Hall)</p> <p><b>Chair/Moderator: Rajeev Ahal</b>                  (Director, Natural Resource Management, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), India)</p>	
<b>12.00-13.30</b>	<p><i>Speakers</i></p> <p><b>Jagdish Purohit</b>                  Programme Director, Society for Promotion of Wasteland and Development, New Delhi</p> <p><b>Prasad Modak (TBC)</b>                  Environment Management Centre</p> <p>(TBA)                  Official from International Water Management Institute (IWMI)</p> <p>(TBA)                  Official from Environmental Protection Training and Research Institute (EPTRI)</p>
<p><b>PS 1.2</b>  <b>Climate &amp; Disaster Resilient Urban Development</b>                  (Venue: Seminar Hall I, Main Building)</p> <p><b>Chair/Moderator: Jyoti Parikh</b>                  (Executive Director, Integrated Research and Action for Development (IRADe), Delhi)</p> <p><b>Rohit Magotra</b>                  (Deputy Director, Integrated Research and Action for Development (IRADe), Delhi)</p>	
<b>12.00-13.30</b>	<p><i>Speakers:</i></p> <p><b>V Srinivasa Chary</b>                  Director, Centre for Energy, Environment, Administrative Staff College of India, Hyderabad</p> <p><b>Lipika Nanda</b>                  Vice President, Multi-sectoral Planning in Public Health, PHFI</p> <p><b>Rajkiran Bilolikar</b>                  Associate Professor, Energy Area, Administrative Staff College of India, Hyderabad</p>

PS 1.3		
Adapting to Climate Change in South Asian Cities ( <i>SANDEE-ACD Panel</i> ) (Venue: Seminar Hall II, Main Building)		
Chair/Moderator: E. Somanathan (Professor, Economics and Planning Unit, Indian Statistical Institute, New Delhi)		
12.00-13.30		<p><i>Speakers:</i></p> <p><b>Mani Nepal</b> Program Coordinator SANDEE &amp; Lead Economist, International Center for Integrated Mountain Development, Nepal</p> <p><b>A K Enamul Haque</b> Professor, East-West University, and Executive Director, Asia Centre for Development, Bangladesh</p> <p><b>Muntaha Rakib</b> Associate Professor, Shahajalal University of Science and Technology, Sylhet, Bangladesh</p> <p><b>Ismat Ara Pravin</b> Institute of Water Modelling, Bangladesh</p>
13.30-14.30	Lunch	Auditorium Dining Hall
14.30- 16.00: Plenary Session 1		
Climate Resilient Growth in India: Strategies and Measures (Venue: Auditorium Main Hall)		
Chair: Shreekant Gupta (Professor, Delhi School of Economics and Vice President, Indian Society for Ecological Economics)		
14.30-14.40	Introduction	<b>Shreekant Gupta</b>
14.40-15.10	<i>Keynote address:</i> Low Carbon Strategy for Inclusive Growth	<b>Kirit Parikh</b> Chairman, Integrated Research and Action for Development, (IRaDe), New Delhi.
15.10-15.40	<i>Keynote address:</i> How IWRM in India can be more Climate Resilient?	<b>Rajeev Ahal</b> Director, Natural Resource Management, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), India
15.40-15.50	Discussion	
15.50-16.00	Remarks by Chair	<b>Shreekant Gupta</b>
16.00-16.30	Tea/Coffee Break	Auditorium Dining Hall

<p>16.30-18.00 (Parallel): Technical Session (TS) 1  <b>TS 1.1: Growth, Human Well Being and SDGs</b>                      (Auditorium Seminar Hall)  <b>Chair: M N Murty</b>                      (Former Professor, Institute of Economic Growth, Delhi)  <b>Co-chair: Amalendu Jyotishi</b>                      (Professor, Amrita Viswa Vidhyapeetham, Bengaluru)</p>		
16.30-16.45	Ability-Biased Technical change, Economic Growth and the Environment	<b>Saheli Das</b> and Meeta Keswani Mehra
16.45-17.00	Issue of conditional green convergence. A Study of Selected OECD countries	<b>Abhishek Dutta</b> and Maniklal Adhikary
17.00-17.15	Depreciation of Capital due to Natural Disaster and Adjusted Net Domestic Product	<b>Amarendra Das</b> , Dasarathi Padhan and Chinmayee Sahoo
17.15-17.30	Gender Equality, Food Security, and the Sustainable Development Goals	<b>Bina Agarwal</b>
17.30-17.45	Fiscal Transfers, Natural Calamities and Partisan Politics - Evidence from India	<b>Anubhab Pattanayak</b> and K.S. Kavi Kumar
17.45-17.55	Discussion	
17.55-18.00	Remarks by Chair/Co-chair	
<p>16.30-18.00 (Parallel): Technical Session (TS) 1  <b>TS 1.2: Vulnerability, Impact and Adaptation to Climate Change</b>                      (Venue: Seminar Hall I, Main Building)  <b>Chair: Malavika Chauhan / Amitanshu Choudhary</b>                      (Tata Trust, Mumbai)  <b>Co-chair: Rakesh Kumar Sharma</b>                      (Associate Professor, Himachal Institute of Public Administration, Shimla)</p>		
16.30-16.45	Climate Change in the Agriculture Sector across Different Agro-Ecosystems: A Micro level analysis from four Southern States of India	<b>Sushanta Mahapatra</b> , G Sridevi and Amalendu Jyotishi
16.45-17.00	Impact of 2018 Flood on Riverine Micro ecosystems: A Case Study in Manali River at Thrissur, Kerala	<b>P. Athulya</b> , T.V. Sajeev and S. Rajathy
17.00-17.15	Socio-Economic-Environmental Impacts of Climate Change: A Case Study of Nuh (Mewat), the Most Backward District of India	<b>Susmita Mitra</b> , Pradeep K. Mehta and Sudipta Kumar Mishra
17.15-17.30	Valuing the carbon sequestration regulation service by Hokersar wetland of Kashmir Himalaya	<b>Irfan Rashid</b> , Ishfaq Ahmad Sheergojri, Ishfaq ul Rehman and Irfan Rashid
17.30-17.45	Impact of Environmental shocks on livelihood diversification in Rural India: Evidence from large scale survey data	<b>Chhavi Tiwari</b> and Sankalpa Bhattacharjee
17.45-17.55	General discussion	
17.55-18.00	Remarks by Chair/Co-chair	

<p>16.30-18.00 (Parallel): Technical Session (TS) 1</p> <p><b>TS 1.3: Vulnerability to Floods</b> (Venue: Seminar Hall II, Main Building)</p> <p><b>Chair: Amita Shah</b> (Past President of INSEE and Former Professor and Director, Gujarat Institute for Development Research, Ahmedabad)</p> <p><b>Co-chair: Prajna Paramita Mishra</b> (Assistant Professor, University of Hyderabad)</p>		
16.30-16.45	Flood vulnerability of marginal communities in the Kosi region North Bihar	<b>Ranjeet Kumar Sahani,</b> Siddhartha Krishnan and Shrinivas Badiger
16.45-17.00	Assessing the determinants of social vulnerability to floods in Bihar, India	<b>Rupak Kumar Jha and Haripriya</b> Gundimeda
17.00-17.15	India's preparedness to address urban flood through institutional mechanism	<b>Satarupa Rakshit and Zareena</b> Begum Irfan
17.15-17.30	How Floods affect the Rural Labor Market	<b>Priti Agarwal and Joyita Roy</b> Chowdhury,
17.30-17.45	A Review of the Kerala Flood – Assessing Losses, Damages and Recovery Pattern	<b>Harshan T. P</b>
17.45-17.55	Discussion	
17.55-18.00	Remarks by Chair/Co-chair	
<p>16.30-18.00 (Parallel): Technical Session (TS) 1</p> <p><b>TS 1.4: Environmental and Climate Justice</b> (Venue: Classroom, Ground Floor, Main Building)</p> <p><b>Chair: Jayanto Bandhopadyay</b> (Past President of INSEE and Former Professor, Indian Institute of Management, Kolkotta)</p> <p><b>Co-chair: Brototi Roy</b> (Ph.D Student, Institute of Environmental Science and Technology, Autonomous University of Barcelona, Spain)</p>		
16.30-16.45	Relocation from Protected Areas as Violent Process in the Recent History of Biodiversity Conservation in India	<b>Eleonora Fanari</b>
16.45-17.00	Change in Climate, Cropping Pattern and Food Sovereignty in Eastern Himalayan Hills	<b>Deena Gurung</b>
17.00-17.15	Alternative ways of understanding ecological conservation practices to enable environmental justice for all	<b>Lavanya Suresh and Anwasha</b> Mohanty
17.15-17.30	Climate Justice: Is a Robust Legal Framework Need of the Hour?	<b>Rakesh Chandra</b>
17.30-17.45	Measuring the socio-economic vulnerability of the coastal ecosystem: A case study of Indian Sundarbans	<b>Sneha Biswas</b>
17.45-17.55	Discussion	
17.55-18.00	Remarks by Chair/Co-chair	

<b>18.15-18.45: Session by Springer</b>		
<b>(Auditorium)</b>		
<b>18.15-18.45</b>	Publishing Ethically: best and not-so-good practices	<b>Nupur Singh</b> , Springer Nature
<b>18.45-19.45</b>	<b>INSEE General Body Meeting</b>	
	<b>(Auditorium Seminar Hall)</b>	
<b>19.30-20.30</b>	Cultural Programme	Auditorium Main Hall
<b>20.30 -21.30</b>	Dinner	Auditorium Dining Hall

<b>DAY 2: 7<sup>th</sup> November 2019, Thursday</b> 09.15-10.15: Plenary Session 2  <b>Bina Agarwal Prize - Award Ceremony</b> (Venue: Auditorium)  <b>Chair: K N Ninan</b> (President, Indian Society for Ecological Economics)		
<b>09.15-09.20</b>	Welcome	<b>K N Ninan</b>
<b>09.20-09.30</b>	About the Prize	<b>Bina Agarwal</b> Donor of the Prize
<b>09.30-09.35</b>	Reading of the Citation	<b>E Somanathan</b> Member, Prize Jury
<b>09.35-09.45</b>	Presentation of the Award and Citation	<b>Bina Agarwal and E Somanathan respectively</b>
<b>09.45-10.10</b>	Response by the awardee	<b>Joan Martinez Alier</b> Institute of Environmental Science and Technology, Autonomous University of Barcelona, Spain
<b>10.10-10.15</b>	Vote of thanks	<b>Jeena T Srinivasan</b> Secretary, Indian Society for Ecological Economics
<b>10.15-10.30</b>	Tea/Coffee Break	Auditorium Dining Hall
10.30-12.00: Plenary Session 3  <b>The Work and Findings of the Intergovernmental Panel on Climate Change</b> (Venue: Auditorium Main Hall)  <b>Chair: Thomas Sterner</b> (Professor of Environmental Economics, University of Gothenburg, Sweden)		
<b>10.30 -11.30</b>	Climate Science and Models	<b>Krishna Achuta Rao</b> Associate Professor, Centre for Atmospheric Sciences at Indian Institute of Technology, Delhi
	Main messages from Special Report on 1.5°C in Sustainable Development Context	<b>Joyashree Roy</b> Bangabandhu Chair Professor at AIT, Thailand and Professor (in lien), Department of Economics, Jadavpur University
	Special Report on the Ocean and Cryosphere in a Changing Climate	<b>Anjal Prakash</b> Associate Professor and Associate Dean - Business Development at TERI-SAS Hyderabad Campus
	Special report on Climate change and Desertification, Degradation, Sustainable Land Management, Food Security, and Greenhouse Gas Fluxes in Terrestrial Ecosystems	<b>Jagdish Krishnaswamy</b> Ashoka Trust for Ecology and the Environment (ATREE), Bengaluru
	IPCC process and Scope for Participation in AR6	<b>Joyashree Roy</b> Bangabandhu Chair Professor at AIT, Thailand and Professor (in lien), Department of Economics, Jadavpur University
<b>11.30-12.00</b>	Discussion	



<b>12.00 - 13.00</b>		
<b>Felicitations</b> (Venue: Auditorium Main Hall) <b>Chair: K N Ninan</b> (President, Indian Society for Ecological Economics)		
	Conferring the Lifetime Achievements Award on:	<b>C H Hanumantha Rao</b> Past President of INSEE and Resident of Hyderabad
	Conferring the Honour and Title of INSEE Fellows on:	<b>Ramprasad Sengupta</b> Professor Emeritus of Economics, Centre for Economic Studies and Planning, & Former Dean of School of Social Sciences, Jawaharlal Nehru University, New Delhi <b>M N Murty</b> Professor (Retired) and Senior Consultant, Institute of Economic Growth, Delhi <b>Madhu Verma</b> Professor, Indian Institute of Forest Management, Bhopal
<b>13.00-14.00</b>	Lunch	Auditorium Dining Hall
14.00-16.00 (Parallel): Technical Session (TS) 2		
<b>TS 2.1: Climate Vulnerability: Agriculture and Food Security</b> (Venue: Auditorium Seminar Hall) <b>Chair: Gopal Kadekodi</b> (Past President of INSEE and Honorary Professor, Centre for Multi-disciplinary Research, Dharward) <b>Co-chair: Tapas Kumar Sarangi</b> (Assistant Director, National Institute of Labour Economics Research and Development, New Delhi)		
<b>14.00-14.15</b>	District scale vulnerability index to climate variability for Vidarbha region, Maharashtra, India	<b>Deepika Swami</b> and Devanathan Parthasarathy
<b>14.15-14.30</b>	Climate Change and Paddy Cultivation: The Relevance of GI tagged Pokkali rice from Kerala	<b>Soumya Vinayan</b> and N Lalitha
<b>14.30-14.45</b>	Climate Change, Food Security and Poverty of Vulnerable Groups: A Case of Two Villages	<b>G Sridevi</b> and Amalendu Jyotishi
<b>14.45-15.00</b>	Loss and Damage from Floods in India: Influence of Human Development, Income and Inequality	<b>Chandra Sekhar Bahinipati</b> and Unmesh Patnaik
<b>15.00-15.15</b>	Studying the climate change risk for finger millet crop. Empirical evidence from Karnataka	<b>Pradyot Ranjan Jena</b> and Rajesh Kalli
<b>15.15-15.30</b>	Stress Adaptation and Farmer Preferences: A Bidding Experiment on Stress Tolerant Rice Varieties (STRVs) in Eastern India	<b>Lisa Mariam Varkey</b> , Vikram Patil and Prakashan Chellattan Veetil
<b>15.30-15.50</b>	Discussion	
<b>15.50-16.00</b>	Remarks by Chair/Co-chair	
<b>16.00-16.30</b>	Tea/Coffee Break	Auditorium Dining Hall

<p>14.00-16-00 (Parallel): Technical Session (TS) 2  <b>TS 2.2: Adaptation of Agriculture to Climate Change</b>            (Venue: Seminar Hall I, Main Building)</p> <p><b>Chair: Bina Agarwal</b>            (Professor, Manchester University, U.K and Former Director, Institute of Economic Growth)</p> <p><b>Co-chair: R Balasubramanian</b>            (Professor, Tamil Nadu Agricultural University, Coimbatore)</p>		
14.00-14.15	Farmers' Perception of Climate Change and Adaptation Decisions: A Micro-level Analysis of Farmers in the Bundelkhand Region, India	<b>Surendra Singh</b>
14.15-14.30	Scaling – up of Climate Resilient Agricultural Practices through Sustainable Livelihood and Adaptation to Climate Change (SLACC)	<b>V. Suresh Babu</b> , K. Krishna Reddy, Ravindra S. Gavali, Basavaraj Patil, A. Bhagawat
14.30-14.45	Impact of short duration climate smart variety on cropping pattern of indigenous agricultural systems	<b>Prabhakaran T. Raghu</b> , Prakashan C. Veetil and Mayank Sharma
14.45-15.00	Crop Insurance for Adaptation to Climate Change in Odisha: Some Micro-Evidence from Bolangir District	<b>Mamata Swain</b> and Basanti Renu Hembram
15.00-15.15	Climate Change, Small Plot and Small Indigenous Farmers's Adaptive Practices in Wheat Production: Evidence of Rural Hilly Nepal	<b>Raghu Bir Bista</b>
15.15-15.30	Multi-criteria analysis and ex-ante assessment to prioritise and scale up climate smart agriculture in semi-arid tropics, India	<b>Shalander Kumar</b> , K DakshinaMurthy, Elias Khan Patan, Murali K Gumma, Arun Khatri-Chhetri and Anthony Whitbread.
15.30-15.50	Discussion	
15.50-16.00	Remarks by Chair/Co-chair	
16.00-16.30	Tea/Coffee Break	Auditorium Dining Hall
<p>14.00-16-00 (Parallel): Technical Session (TS) 2  <b>TS 2.3: Climate Resilient Measures in Rural India</b>            (Venue: Seminar Hall II, Main Building)</p> <p><b>Chair: M Gopinath Reddy</b>            (Centre for Economic and Social Studies, Hyderabad)</p> <p><b>Co-chair: Meekha Hannah Paul</b>            (Natural Resource Management, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), India)</p>		
14.00-14.15	Building A Climate Resilient Rural India: Nature-based-Solutions for Water Ecosystems in MGNREGA Programs.	<b>Neeraj Mishra</b> , Jyothis Satyapalan and Anagha Mariya Jose
14.15-14.30	Addressing Climate Resilience approaches through MGNREGS Assets in Telangana State	<b>P.Anuradha</b> , K. Jayasree, V. Suresh Babu and V. Srinivasa Rao
14.30-14.45	Assets creation under MGNREGS and its contribution to adaptive capacity of the rural communities in drought prone districts of Rajasthan and Karnataka	<b>Anagha Mariya Jose</b> and Anuradha Palla
14.45-15.00	Adoption of Soil Conservation Measures: Evidence from Rain-Fed Watershed Areas of	<b>Dayakar Peddi</b> ,

	Telangana	
15.00-15.15	Re-looking into micro irrigation models in India to adapt to climate change	<b>Krishna Reddy Kakumanu</b> , Shrikant V Mukate, V Suresh Babu and Ravindra S Gavali
15.30-15.50	Discussion	
15.50-16.00	Remarks by Chair/Co-chair	
16.00-16.30	Tea/Coffee Break	Auditorium Dining Hall
<p>14.00-16.00 (Parallel): Technical Session (TS) 2</p> <p><b>TS 2.4: Institutions and Sustainability</b></p> <p>(Venue: Classroom, Ground Floor, Main Building)</p> <p><b>Chair: Madhu Verma</b> (Professor, Indian Institute of Forest Management, Bhopal)</p> <p><b>Co-chair: L Venkatachalam</b> (Professor, Madras Institute of Development Studies, Chennai)</p>		
14.00-14.15	How Do Water Institutions Perform? The Case of Canal Water User Association in South India	<b>Durga A.R</b> , K. Chandran, D. Suresh Kumar
14.15-14.30	Tunnelling through the EKC: Do Institutions matter?	<b>Apra Sinha</b> and Abhishek Kumar
14.30-14.45	Interventions for Sustainable Fishing in Sundarbans: A Scoping Analysis	<b>Saptarsi Chakraborty</b>
14.45-15.00	Farming Management Plan for the Conservation of Sacred Groves of Kachch, Gujarat, based on stakeholders' analysis	<b>Amit Pandey</b> and Kavita Sardana
15.00-15.15	The Economic and Environment Benefits of System of Rice Intensification: The Case of Telangana State	<b>Ramdas Dagam</b>
15.15-15.30	Clean Energy at the Cost of Food? Effects of Hydro-electric Projects on Local Agriculture in Sikkim	<b>Bicky Sharma</b>
15.30-15.50	Discussion	
15.50-16.00	Remarks by Chair/Co-chair	
16.00-16.30	Tea/Coffee Break	Auditorium Dining Hall

<p>16.30-18.00: Panel Session (PS) 2</p> <p><b>PS 2.1: Local Action Plan on Climate Change: Methodology and Action</b> (Venue: Auditorium Seminar Hall)</p> <p><b>Chair/Moderator: Joy Elamon</b> (Director, Kerala Institute of Local Administration, Thrissur)</p>		
16.30-18.00		<p><i>Speakers:</i></p> <p><b>Sunny George</b> Professor, Kerala Institute of Local Administration, Kerala</p> <p><b>J B Rajan</b> Associate Professor, Kerala Institute of Local Administration, Kerala</p> <p><b>K S Shibu</b> President, Perumbalam Grama Panchayat, Kerala</p> <p><b>K. Sobha</b> Secretary, Perumbalam Grama Panchayat, Kerala</p> <p><b>Sasidharan Nair</b> Resource Persons, Perumbalam Grama Panchayat, Kerala</p>
<p><b>PS 2.2: Martin Weitzman's Contributions to Environmental Economics</b> (Venue: Seminar Hall 1, Main Building)</p> <p><b>Chair/Moderator: Thomas Sterner</b> (Professor of Environmental Economics, University of Gothenburg, Sweden)</p>		
16.30-18.00		<p><b>Shreekant Gupta</b> Professor, Delhi School of Economics, Delhi</p> <p><b>M N Murty</b> Professor (Retired), Institute of Economic Growth, Delhi</p> <p><b>Ramprasad Sengupta</b> Professor Emeritus of Economics, Centre for Economic Studies and Planning, &amp; Former Dean of School of Social Sciences, Jawaharlal Nehru University, New Delhi</p>

<p><b>PS 2.3: MGNREGS Contribution to Climate Change Mitigation and Adaptation</b>          (Venue: Seminar Hall 11, Main Building)</p> <p><b>Chair/Moderator: Jyothis Sathyapalan</b>          (Professor, National Institute of Rural Development and Panchayati Raj, Hyderabad)</p>		
16.30-18.00		<p><i>Speakers</i></p> <p><b>N H Ravindranath</b>          Former Professor, Indian Institute of Science, Bengaluru</p> <p><b>Neeraj Mishra</b>          Associate Professor, National Institute of Rural Development and Panchayati Raj, Hyderabad</p> <p><b>A Digambar</b>          Associate Professor, National Institute of Rural Development and Panchayati Raj, Hyderabad</p> <p><b>P Anuradha</b>          Assistant Professor, National Institute of Rural Development and Panchayati Raj, Hyderabad</p>
19.30-20.30	Dinner	Auditorium Dining Hall

### DAY 3: 8<sup>th</sup> November 2019, Friday

<p>9.30-11.00: Plenary Session 5  <b>Climate: Economics and Institutions</b>                  (Main Hall, Auditorium)</p> <p><b>Chair: Kanchan Chopra</b>                  (Past President, Indian Society for Ecological Economics and Former Professor and Director, Institute of Economic Growth, Delhi)</p>		
09.30-09.35	Introduction	
09.35-10.00	<p><i>Keynote address:</i></p> <p>Institutional Reform for Managing the Environment in India</p>	<p><b>E Somanathan</b>                  Professor, Economics and Planning Unit,                  Indian Statistical Institute, New Delhi</p>
10.00-10.25	<p><i>Keynote address:</i></p> <p>Dealing with the climate in an efficient, fair and feasible manner: What can we learn from economics?</p>	<p><b>Thomas Sterner</b>                  Professor, University of Gothenburg, Sweden</p>
10.25-10.50	<p><i>Keynote address:</i></p> <p>Climate Change, Forests and Biodiversity: Impact, Vulnerability and Adaptation - Challenges and Opportunities</p>	<p><b>N H Ravindranath</b>                  Former Professor, Indian Institute of Science, Bengaluru</p>
10.50-11.10	Discussion and remarks by Chair	
11.10-11.30	Tea/Coffee Break	Auditorium Dining Hall
<p>11.30-13.00 (Parallel): Panel Discussion (P S) 3</p> <p><b>PS 3.1: Climate Change and Indian Agriculture: Methodological Issues</b>                  (Venue: Auditorium Seminar Hall)</p> <p><b>Chair/Moderator: Anubhab Pattanayak</b>                  (Assistant Professor, Madras School of Economics, Chennai)</p>		
11.30-13.00		<p><i>Speakers</i></p> <p><b>Sonal Barve</b>                  Research Intern, RBI, Mumbai</p> <p><b>Peddi Dayakar</b>                  Assistant Professor                  Centre for Economic and Social Studies</p> <p><b>K S Kavi Kumar</b>                  Professor, Madras School of Economics</p>

<b>P 3.2: Climate Change, Adaptation and Mitigation –A Focus on Rainfed Agriculture</b> (Venue: Seminar Hall I, Main Building) <b>Chair/Moderator: E Revathi</b> (Director, Centre for Economic and Social Studies)		
11.30-13.00		<b>B Venkateswarlu</b> Former Vice-Chancellor, Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani, Maharashtra and Former Director, Central Research Institute for Dryland Agriculture (CRIDA), Hyderabad, Telangana
		<b>Ravindra Chary</b> Director, CRIDA, Hyderabad
		<b>Nambi Appadurai</b> Director (Climate Resilience Practice), World Resources Institute, Bengaluru, Karnataka
		<b>S Naresh Kumar</b> Professor and Principal Scientist, Centre for Environment Science and Climate Resilient Agriculture, PUSA, New Delhi
<b>PS 3.3: Building Climate Resilience: Lessons from ‘Commoning’ the Commons</b> (Venue: Seminar Hall II, Main Building) <b>Chair/Moderator: Rucha Ghate</b> (Foundation for Ecological Security, Anand)		
11.30-13.00		<i>Speakers:</i> <b>Pratiti Priyadarshini</b> Foundation for Ecological Security, Anand  <b>Himani Sharma</b> Foundation for Ecological Security, Anand  <b>Shiwanaya Rawat</b> Foundation for Ecological Security, Anand  <b>Liya Thomas</b> Foundation for Ecological Security, Anand  <b>Bhavana Rao</b> Foundation for Ecological Security, Anand

<b>PS 3.4: Climate Change Vulnerability Assessment in the Indian Himalayan Region</b> (Venue: Classroom, Ground Floor, Main Building) <b>Chair/Moderator: Anamika Barua</b> (Associate Professor, Department of Humanities and Social Sciences, Indian Institute of Technology Guwahati)		
11.30-13.00		<i>Speakers:</i> <b>Shyamasree Dasgupta</b> Assistant Professor, School of Humanities and Social Sciences, Indian Institute of Technology Mandi, Himachal Pradesh  <b>N. H Ravindranath</b> Former Professor, Indian Institute of Science, Bengaluru  <b>Mustafa Ali Khan</b> Team Leader, Indian Himalayas Climate Adaptation Programme (IHCAP), SDC
13.00-14.00	Lunch	Auditorium Dining Hall
14.00-16.00 (Parallel): Technical Session 3 <b>TS 3.1: Ecosystem Services, Resource Dependency and Disaster Recovery</b> (Venue: Auditorium Seminar Hall) <b>Chair: P S Easa</b> (Former Director, Kerala Institute of Forest Research, Thrissur) <b>Co-chair: Santadas Ghosh</b> (Associate Professor, Department of Economics & Politics, Visva-Bharati, Santiniketan)		
14.00-14.15	Post-disaster recovery in coastal fishing communities	<b>Trupti Mishra</b> and Krishna Malakar
14.15-14.30	An economic analysis of the impacts of anthropogenic climate change on agriculture: A case study on Hyderabad Karnataka and Coastal areas	<b>Jagadeesh</b> and P.S Sasdhar
14.30-14.45	Cultural Ecosystem Services and Forest Dependency- Assessment of Recreational Demand for Parambikulam Tiger Reserve, Kerala, India	<b>Divya Soman, V.Anitha</b>
14.45-15.00	Reducing Ecological Stress through Subsidized Rice: Findings from Sundarbans Delta	<b>Sreejit Roy</b>
15.00-15.15	Challenges to households' flood resilience in Guwahati Metropolitan Area, Assam	<b>Shrutidhara Kashyap, Ratul Mahanta</b>
15.15-15.30	Prediction Modelling for Land Use Land Cover (LULC) in the Urmodi River Watershed, Maharashtra	<b>Wasim A. Bagwan</b> and Ravindra S. Gavali
15.30-15.50	Discussion	
15.50-16.00	Remarks by Chair/Co-chair	



14.00-16.00 (Parallel): Technical Session 3 <b>TS 3.2: Climate Mitigation: Industry and Infrastructure</b> (Venue: Seminar Hall 1, Main Building) <b>Chair: Pranab Mukhopadhyay</b> (Past President of INSEE and Professor, University of Goa, Goa) <b>Co-chair: B Suresh Reddy</b> (Associate Professor, Centre for Economic and Social Studies, Hyderabad)		
14.00-14.15	Potential Mitigation Strategies for road transport sector of India	<b>Namita Singh</b> , Trupti Mishraa and Rangan Banerjee
14.15-14.30	Green Growth and the Right to Energy in India	<b>Rohit Azad</b> and <b>Shouvik Chakraborty</b>
14.30-14.45	Adoption of Renewable Energy: Challenges in the Household Sector	<b>Smita Bhaskar</b>
14.45-15.00	Carbon Mitigation and Fuel Efficiency Improvement Strategy for North Indian Brick Industry	<b>Priyanka Jajal</b> , Trupti Mishra, Chandra Venkataraman and Alok Jhaldiyal
15.00-15.15	Environmental disclosure regulation and decarbonization of Indian Industries: Evidence from firm level data	<b>Mousami Prasad</b>
15.15-15.30	Estimating Shadow of Water Pollutants: A Case of Kanpur Leather Industry in India	<b>Aparajita Singh</b> and Haripriya Gundimeda
15.30-15.50	Discussion	
15.50-16.00	Remarks by Chair/Co-chair	
14.00-16.00 (Parallel): Technical Session 3 <b>TS 3.3: Conservation, Economic Value and Climate Change Impact</b> (Venue: Seminar Hall II, Main Building) <b>Chair: K S Kavi Kumar</b> (Professor, Madras School of Economics, Chennai) <b>Co-chair: Manjula Menon</b> (MS Swaminathan Research Foundation, Chennai)		
14.00-14.15	Conserving Mangroves in Sundarbans through Clean Cooking Fuel: Field Evidences	<b>Tapas Kumar Sutradhar</b>
14.15-14.30	Estimating the Economic Benefits of Universal Health Coverage for Climate-Induced Diseases in Southwest Coastal Region of Bangladesh	<b>Md. Hafiz Iqbal</b> and Md. Elias Hossain
14.30-14.45	Does Economic Development and Disaster Adaptation Measures Reduce the Impact of Natural Disasters? A District Level Analysis from the State of Odisha, India	<b>Prakash Kumar Sahoo</b> , Yashobanta Parida, Prarthna Agarwal Goel and Tapaswini Nayak
14.45-15.00	Marginal Value of Sub-Watershed Treatment on Profit and labour Demand in Darjeeling District, India	<b>Chandan Singha</b>
15.00-15.15	A Time Series Study of Monsoon Rainfall Behaviour in Odisha - 1871 to 2016: An inquest into Climate Change	<b>Abhilas Kumar Pradhan</b>
15.15-15.30	Fertilizer Use and Rainfall Shocks in Indian Agriculture	<b>Kaushik Bora</b>
15.30-15.50	Discussion	
15.50-16.00	Remarks by Chair/Co-chair	

14.00-16.00 (Parallel): Technical Session 3		
<b>TS 3.4: Sustainability: Infrastructure Health, and Water</b> (Venue: Seminar Hall II, Main Building)		
<b>Chair: C Ramachandraiah</b> (Professor, Centre for Economic and Social Studies, Hyderabad)		
<b>Co-chair: K H Anantha</b> (Scientist, International Crop Research Institute for Semi-arid Tropics, Hyderabad)		
14.00-14.15	Is Electric Street Car a Sustainable Public Transport System in India? A Demand Side Analysis	<b>Oindrila Dey</b> and Debalina Chakravarty
14.15-14.30	Sanitation Induced Health Costs in the Slums of Lucknow, Uttar Pradesh	<b>Sanatan Nayak</b> and Soma Samanta
14.45-15.00	Circular Sanitation Economy in India: Evidence from Amberpet Sewage Treatment Plant, Hyderabad	<b>Prajna Paramita Mishra</b> and Sourav Mohanty
15.00-15.15	Adoption of Grid connected solar rooftop systems in the state of Jammu and Kashmir: A stakeholder analysis	<b>Aaina Dutta Das</b> and Sukanya Das
15.15-15.30	Discussion and Remarks by Chair/ Co-chair	
16.00-16.30	Tea/Coffee Break	Auditorium Dining Hall
<b>16.30 – 17.30: Valedictory Session</b> (Venue: Auditorium Seminar Hall)		
<b>Chair: E Revathi, Director, CESS/ W R Reddy Director General, NIRD&amp;PR (TBC)</b>		
16.30-16.35	Welcome	
16.35-16.50	Overview of the conference deliberations	Shreekant Gupta
16.50-17.10	Valedictory Address	(TBA)
17.10-17.20	Remarks by co-organisers, sponsors' and participants	
17.20-17.30	Vote of thanks	Jeena T Srinivasan

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