

**Indian Society for Ecological Economics Ninth Biannual Conference  
with  
knowledge dissemination workshops and sessions on the work and  
findings of the Intergovernmental Panel on Climate Change**

**November 7-9, 2017, KILA, Thrissur, Kerala, India**

**Hosts:** The Indian Society for Ecological Economic (INSEE)

**Introduction  
INSEE**

The Indian Society for Ecological Economic (INSEE) is a regional society affiliated to the International Society for Ecological Economics (ISEE). It aims to further the cause of sustainable development by providing a forum for dialogue among scholars, practitioners, and policy analysts from various disciplines, particularly economics and ecological sciences on a range of issues of national and international interests, such as climate change, natural resources, energy, waste, ecosystem services and valuation. INSEE has hosted eight Biennial conferences till date.

How do we as a generation sustain our "spaceship earth" ? This has been a central thematic area for those working in the broad sphere of Ecological Economics and sustainability science. This goal of sustainability is intricately linked with human behaviour and anthropogenic pressures which are often transmitted through institutions. History shows that institutions evolve, transform or wither away due to changing incentives faced by individuals and communities. Institutions get moulded by changing societal process, technology or even extreme events (among other factors). Individuals and groups voice their choices through formal and informal mechanisms, and participate in decision-making. When, how and where do their voices get heard? How do policies get framed and implemented? What roles do trust and power relations play in our commitment to sustainability?

INSEE proposes to provide a platform for inter-disciplinary engagement on these issues to students, researchers, practitioners and policy-makers at the 9th INSEE Biennial Conference in Kerala Institute of Local Administration (KILA), Thrissur from 8th -10th November, 2017.

**Sub-themes for the Conference**

1. Ecosystems and Well Being: Oceans, Forests, Mountains and Wetlands; Resilience; Valuation; Management;
2. Collective Action and Local Governance: Community, Institutions, Transaction Costs, Trust;
3. Climate Change: Science of Climate Change; Agriculture & Food Security; Extreme Events; Paris Agreement and Marrakesh Proclamation; Adaptation and Mitigation;; Technology;

SDGs and Global South: Gender & Ecology; Inequality; Environmental Justice; Green Economy; Waste and recycling; Energy.

## IPCC

The Intergovernmental Panel on Climate Change (IPCC) is the UN body for assessing the science related to climate change. The IPCC does not conduct its own research. It identifies where there is agreement in the scientific community, where there are differences of opinion and where further research is needed. It is a partnership between scientists and policymakers and it is this that makes its work a credible source of information for policymakers. IPCC assessments are produced according to procedures that ensure integrity, in line with the IPCC's overarching principles of objectivity, openness and transparency. IPCC reports are policy relevant, but not policy-prescriptive

IPCC assessments provide governments, at all levels, with scientific information that they can use to develop climate policies. IPCC assessments are a key input into the international negotiations to tackle climate change. IPCC reports are drafted and reviewed in several stages, thus guaranteeing objectivity and transparency. In 2013-2014 IPCC published Fifth Assessment Report. In 2015 and 2016, the IPCC decided to produce a Sixth Assessment Report (AR6), three Special Reports, a Methodology Report and AR6 by 2022 as follows:

- Special Report on global warming of 1.5°C (SR1.5) in 2018. Special Report on the Ocean and Cryosphere in a Changing Climate (SROCC) in 2019.
- Special Report on Climate Change and Land (SRCCL) in 2019.
- Refined 2006 IPCC Guidelines for National Greenhouse Gas Inventories will be delivered in 2019.
- AR6 Synthesis Report to be finalized in the first half of 2022.

## Objective

INSEE with the participation of the IPCC authors are organizing a series of workshops and panel discussion on “Understanding Climate Change Science and Adaptation and Mitigation Options” based on the IPCC Fifth Assessment Report. We have received enormous enthusiasm from local government, educational institutions, NGOs to understand in depth and breadth the subject.

There are multiple objectives of the events. It is important to generate scientific understanding among various stakeholders about climate change to generate climate actions at local levels. More specifically, the objectives are as follows:

- **To raise awareness**, especially among policy makers, about the outcomes of the IPCC Fifth Assessment Report (AR5) and social scientists of INSEE to demonstrate how climate change impacts are closely linked to human dimensions. The event will highlight the current level of multidisciplinary scientific understanding of the climate science, potential solutions to the challenges of climate change focussing on adaptation and mitigation.
- **To promote knowledge sharing**, especially among policy makers and the scientific community from the region IPCC process, priorities and scope of participation in next cycle of IPCC AR6 process.
- **To encourage participation of the local social science research community** in climate research and encourage regional contributions to future assessments and climate change studies;
- **To foster better understanding among the news media, youth and the private sector** about climate science, the IPCC's role, and innovative solutions for climate change

- **To present key findings of climate change studies and enable climate actions among** policy-makers, development practitioners, students, civil society and business sector representatives.

### About the Event

INSEE will co-host the event with the participation of IPCC. Prior to INSEE conference, a special event for public and policy makers will be held in Trissur on November 7 in collaboration with local government and organizations. There will be sessions devoted to the IPCC 2016-2022 plans, the production of the Sixth Assessment Report (AR6), and the Fifth Assessment Report (AR5) findings, and how these are being operationalized in South Asia and the potential solutions. INSEE programme will bring out synergies with IPCC assessment. The event will have sessions for interaction with the authors and NGOs, policy makers and the local scientific community including students. In addition, INSEE will have poster sessions demonstrating various local actions.

### Geographical Scope

Participants will be mostly from the region as well as from all over the world.

### Target audience

- Members of the Social science and research community
- Policy makers at local, national and regional levels
- International and intergovernmental organizations
- Local community representatives
- Business leaders and civic organizations
- Civil society organizations
- Media and youth groups.

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**Topics to be addressed by speakers in the Panel are the following:**

- General introduction by Panel Moderator to IPCC process
- Prof. Bala Gobindasamy: (AR5 WGI Author): Climate change : Physical science basis key messages from AR5 with special relevance for South Asia
- Prof. Purnamita Dasgupta (AR5 WGII Author): Impacts, Adaptation and Vulnerability-Key Messages for the Region from AR5
- Prof. E. Somanathan (AR5 WGIII Author): International, National and Subnational Policies and Institutions in Mitigation
- Prof. Joyashree Roy (AR5 WGIII Author): What can be done to reduce GHG emissions: Sectoral Options.

Date	Session Time	Host Location	Coordinator	INSEE & IPCC contact person
<b>7<sup>th</sup> October, 2017</b>	11:00-12:30	Academy of Excellence in Climate Change Education and Research (ACCER), KAU	Prof. Indira Devi	Prof. Joyashree Roy
<b>7<sup>th</sup> October, 2017</b>	13:30-15:30	Thrissur St Thomas College Coorganised with <b>Directorate of Environment and Climate Change, Government of Kerala</b>	Dr. Joy Elamon	Prof. Joyashree Roy
<b>8<sup>th</sup> October, 2017</b>	9.00-10.30	Kerala Institute of Local Administration (KILA)	Dr Nandan Nawn	Prof. Joyashree Roy

<b>9<sup>th</sup>October, 2017</b>	10:00-11:30	Amrita University, Coimbatore	Prof. Aamalendu Jyotishi	Prof. E. Somanathan
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**Detailed programme : next page**

### **Detailed programme**

#### **Outreach event 1. 7<sup>th</sup>October, 2017. 11 am -12.30 pm. Venue (ACCER-KAU)**

11:00 Welcome by Chairperson: Prof. Indira Devi, Director of Research, KAU

11:05 General introduction to IPCC process : Prof. Joyashree Roy, JU, Kolkata.

11:15 Prof. Bala Gobindasamy: (AR5 WGI Author): Climate change : Physical science basis key messages from AR5 with special relevance for South Asia, IISC, Bangalore.

11: 25 Prof. Purnamita Dasgupta (AR5 WGII Author): Impacts,Adaptation and Vulnerability-Key Messages for the Region from AR5, IEG, New Delhi.

11:35 Prof. E. Somanathan (AR5 WGIII Author): International, National and Subnational Policies and Institutions in Mitigation, ISI, New Delhi.

11: 45 Prof. Joyashree Roy (AR5 WGIII Author): What can be done to reduce GHG emissions: Sectoral Options, JU, New Delhi.

11: 55 **Q&A and Concluding remarks:** Prof. Indira Devi

Vote of Thanks by Dr.Kunjamu ,Professor and Special Officer Academy of Climate Change Education and Research ,KAU

#### **Outreach event 2. 27<sup>th</sup>October, 2017. 1.30 am -3.30 pm Venue (St Thomas College) Coorganised with Directorate of Environment and Climate Change, Government of Kerala**

1:30 Welcome by Chairperson: Principal St Thomas College n(TBC)

1:40 General introduction to IPCC process : Prof. Joyashree Roy, JU, Kolkata.

1:50 Prof. Bala Gobindasamy: (AR5 WGI Author): Climate change : Physical science basis key messages from AR5 with special relevance for South Asia, IISC, Bangalore.

2:10 Prof. Purnamita Dasgupta (AR5 WGII Author): Impacts, Adaptation and Vulnerability-Key Messages for the Region from AR5, IEG, New Delhi.

2:20 Prof. E. Somanathan (AR5 WGIII Author): International, National and Subnational Policies and Institutions in Mitigation, ISI, New Delhi.

2:30 Prof. Joyashree Roy (AR5 WGIII Author): What can be done to reduce GHG emissions: Sectoral Options, JU, New Delhi.

2:40 **Q&A and Concluding remarks:** Chairperson: Principal St. Thomas College (TBC)

**Outreach event 3. 8<sup>th</sup> November, 2017. 9 am -10.30 pm (Venue-KILA)**

9:00 Welcome by Chairperson: INSEE representative (TBC)

9:10 General introduction to IPCC process : Prof. Joyashree Roy, JU, Kolkata.

9:20 Prof. Bala Gobindasamy: (AR5 WGI Author): Climate change : Physical science basis key messages from AR5 with special relevance for South Asia, IISC, Bangalore.

9:30 Prof. Purnamita Dasgupta (AR5 WGII Author): Impacts, Adaptation and Vulnerability-Key Messages for the Region from AR5, IEG, New Delhi.

9:40 Prof. E. Somanathan (AR5 WGIII Author): International, National and Subnational Policies and Institutions in Mitigation, ISI, New Delhi.

9:50 Prof. Joyashree Roy (AR5 WGIII Author): What can be done to reduce GHG emissions: Sectoral Options, JU, New Delhi.

10:00 **Q&A and Concluding remarks:** Chairperson, INSEE representative (TBC)

**Outreach event 4. 9<sup>th</sup> November, 2017. 10 -11.30am.  
(Venue Amrita University, Coimbatore Campus)**

10:00 Welcome by Prof, Amalendu Jyotishi, Amrita School of Business.

Chairperson: Dr. Deepak Gupta, chairperson PhD program of School of Business

10:10 General introduction to IPCC process : Prof. E Somanathan, ISI, New Delhi.

10:20 Prof. Bala Gobindasamy: (AR5 WGI Author): Climate change : Physical science basis key messages from AR5 with special relevance for South Asia, IISC, Bangalore.

10:20 Prof. Purnamita Dasgupta (AR5 WGII Author): Impacts, Adaptation and Vulnerability- Key Messages for the Region from AR5, IEG, New Delhi.

10:40 Prof. E. Somanathan (AR5 WGIII Author): International, National and Subnational Policies and Institutions in Mitigation, ISI, New Delhi.

10:50-11.30 **Q&A and Concluding remarks:** Chairperson, Dr. Deepak Gupta, chairperson PhD program of School of Business

11.30 One on one discussion between faculties and students with IPCC authors on individual research topics and issues.