

ABOUT EMPRI

EMPRI had its humble beginning as the Environmental Training Institute (ETI) under Karnataka State Pollution Control Board (KSPCB) in the year 1996 with the assistance from Government of Denmark. Subsequently, it was renamed as the Environmental Management and Policy Research Institute (EMPRI), in the year 2002 with an enhanced mandate of organizing not only need based trainings but also conducting demand driven applied and policy research in environment management. It is an autonomous institute under the Department of Forest, Ecology, and Environment, Government of Karnataka, registered under the Societies act 1960. EMPRI is the nodal agency for all issues on Climate Change in Karnataka. This is the second national seminar being organized by EMPRI under the ongoing DST SPLICE project titled, "Establishing /Strengthening the State Climate Change Centre under National Mission on Strategic Knowledge for Climate Change (NMSKCC) in the state of Karnataka".

DATES TO REMEMBER

Last date for Registration &

Abstract Submission: 31 December, 2018

Notification of Acceptance: 7 January, 2019

Submission of full paper: 15 January, 2019

Seminar Dates: 24-25th January, 2019

ORGANIZING COMMITTEE

Chairman

Smt. Ritu Kakkar, Director General, EMPRI

Organizing Secretary

Dr.O.K.Remadevi, Consultant & Head, Centre for Climate Change, EMPRI

Members of Committee

Shri Mahesh B. Shirur, Director

Dr K.H.Vinaya Kumar, Director (Research)

Mr Ramesha.C, Project Development Officer

Dr O.K.Remadevi, Head, Centre for Climate Change

Mr B.Basavaraj, Head, Training

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Dr Pavithra P.Nayak, Research Scientist

Dr Boya Saritha, Research Associate

Mr J. Cruz Antony, Research Associate

Mr Balasubramanya Sharma, Research Associate

Ms Nayana Prakash, Research Associate

Mr Kiranraddi Morab, Junior Research Fellow

Ms Siri H.P., ENVIS Programme Officer

Ms Jennifer Vincent, System Admin

Mr B.S.Hegde, Accounts Manager

ADDRESS FOR CORRESPONDENCE

Dr.O.K.Remadevi, Organizing Secretary

Environmental Management & Policy Research Institute (EMPRI)

"Hasiru Bhavana", Doresanipalya Forest Campus, Vinayakanagara Circle, J.P. Nagar 5th Phase, Bengaluru-560078.

Ph: 080 26490746/7; (M) 8277645983

Email: empri.NSCC@gmail.com



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY



Environmental Management & Policy
Research Institute (EMPRI), Bengaluru

National Seminar on
Climate Change:

ENVIRONMENTAL MONITORING AND
MANAGEMENT FOR BUILDING CLIMATE
RESILIENCE

24-25, January, 2019



Funded by
Department of Science & Technology (DST)
(Govt. of India), New Delhi

BACKGROUND

The change in the chemical composition of atmosphere and increasing concentrations of greenhouse gases (GHGs) pose a significant threat to the natural ecological balance and biogeochemical cycles. The Intergovernmental Panel on Climate Change (IPCC), 2007 report projected an increase of 2.7 – 4.3°C in temperature by the 2080s, an increase in rainfall of 6-8% and sea level rise of 88 cm by 2100. This can have dramatic ill consequences for the environment, ecosystems and biodiversity. National Action Plan on Climate Change (NAPCC) released in June 2008 has emphasised on appropriate long-term mitigation strategies promoting sustainable development and growth with climate "co-benefits". Intervention areas include renewable energy, water management, agriculture, forestry, waste management and public transport. The NAPCC through its eight sectoral missions, provided a detailed road map for achieving the desired objectives. The 2030 agenda for global sustainable development is committed to be achieved in a balanced and integrated manner. It is envisioned that development and the application of technology are climate-sensitive, respect biodiversity and are resilient. One of the major goals is to take urgent action to combat climate change and its impacts. The concept of climate resilience is rather new to our developmental and management paradigms and requires innovative approaches and interventions. Building climate resilience for the sustainable development of the ecosystems and communities can only be through climate compatible planning, implementation and monitoring. The NDC targets adopted as per the COP 21 stipulations give large thrust on reduction of emissions and limiting warming to 1.5 to 2°C above pre-industrial levels and building climate resilience through mitigation by afforestation and adoption of clean/green technologies, prudently monitored and managed.

THEMES/THRUST AREAS

Researchers are invited to submit abstracts for oral/poster presentation on topics under the themes listed below:

- ❖ **Terrestrial ecosystems, biodiversity and climate change**
- ❖ **Aquatic ecosystems, biodiversity and climate change**
- ❖ **Monitoring the adaptation and mitigation measures for Climate Change**
- ❖ **Mitigation through forests, wood/bamboo use**
- ❖ **Policy issues and Management interventions**

Registration and Submission of abstracts/ full paper

Those who would like to participate/ present papers may submit the registration form through email along with the abstracts. Abstracts are invited from faculty, students, civil society organizations, researchers and department officials in the themes listed for oral and poster presentation in the technical sessions of the seminar. **There is no registration fee.** Abstracts should be of 250 words; Times New Roman 12 point in MS Word: Single spaced without any figures, tables or subheadings and with key words. The abstract can be sent by email to empri.NSCC@gmail.com along with the mobile number of the presenting author by December 31, 2018. Depending on the importance, originality, quality, relevance and other editorial considerations, eligible research papers would be accepted for oral/poster presentation. The acceptance of paper for presentation/publication will be intimated. Selected papers will be compiled in the form of a book and published with ISBN number by a reputed publisher.

Poster presentation

The dimension of the poster should be a maximum of 90 cm wide and 120 cm high. The posters should be informative, clear and attractive with introduction, objectives, materials and methods, results and discussion, conclusion/recommendations and references. Posters should be legible from a distance of 1-2 m. **Plastic/Flex materials should not be used for posters.**

Best Paper/Poster Awards

The best oral/poster paper will be awarded to the selected papers presented in the technical sessions of the seminar.

Venue and Climate

The Seminar will be held at Conference Hall, EMPRI, Bengaluru, located 13km from the Bangalore City Railway Station/Majestic Bus Stand and about 46 km from Bangalore International Airport. Weather in Bengaluru will be pleasant with day temperature around 25-28°C. Light woolen clothing may be required at night.

Accommodation

Limited accommodation is available in selected guest houses around the venue that may be arranged on 'first come first served basis'. Good quality budget hotels are available in and around the venue of the seminar on affordable cost. Participants will have to bear the accommodation charges. For accommodation enquiries/requests kindly contact The Organizing Committee through e-mail: empri.NSCC@gmail.com.