

National Conference on Environmental Pollution: Impact Assessment and Remediation and Mitigation

(NCEPIARM-2019)

March 7, 2019

Amrita Devi Bishnoi Hall, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi

**Sponsored by
UGC-DSA-II**



**Organized by
School of Environmental Sciences, Jawaharlal Nehru University,
New Delhi- 110067**

School of Environmental Sciences (SES), JNU cordially invites and warmly welcomes you to the UGC-DSA-II sponsored “**National Conference on Environmental Pollution: Impact Assessment and Remediation and mitigation**” to be held in Amrita Devi Bishnoi Hall, SES on 7th March 2019.

About the Conference

Increasing environmental issues in the last few decades have rendered the environment highly vulnerable for living beings. Gradual depletion of natural resources and addition of anthropogenic compounds has further escalated the problem. This has affected all dimensions of the Environment: Air, Water, Soil and Biosphere. The pollutants that have a longer persistence in the environment are linked with the local and global issues, for instance, poor air quality in metros, global warming, and pollution of water bodies, ozone column decline and upsurge in the virulent form of diseases across continents. Environmental pollutant monitoring is initiated to identify source, origin, quantity, dispersion, transformation, distribution, evaluation, concentrations, effects and actual trend of these toxic and recalcitrant inorganic and organic pollutants. Meteorological conditions and a variety of mathematical models can to an extent solve fate, effects and impact assessment related issues. Both, *in vitro* and *in vivo* models and biochemical approaches have been well proven tools for rapid and accurate evaluation for toxicity at acute, chronic and sub chronic levels. In addition, molecular analyses of microbial communities in the environment (the ‘omics’ approaches) have opened up new vistas to study and apply the tremendous potential of the natural microbial genetic diversity which was hitherto unknown or uncultivable. In short, it is time to maximise and extrapolate research findings and new techniques from the lab to the field to mitigate the present issues with the environment. Hence, the present conference will provide a platform to collate and discuss some of the recent developments made to remediate the environmental problems in India.

Conference Objectives

The main objective of the conference aims to bring together leading environmental scientists and research scholars to exchange and share their views and research findings specific to environmental issues in India. The conference aims to achieve an interdisciplinary forum to highlight recent innovations, existing concerns, practical challenges and possible solutions with respect to environmental issues that our country is facing.

Jawaharlal Nehru University (JNU), New Delhi, India (<http://www.jnu.ac.in>)

JNU is a residential campus that spreads over an area of 1000 acres on the Aravali ranges embraced by the lush green forests sustaining a birdwatcher's paradise and some forms of wild life. The University primarily imparts Post-graduate and Doctoral degree programmes integrating education and high level of training with values and social commitment. JNU ranks among the top universities of the country in terms of the academic standards and research outputs.

School of Environmental Sciences (SES) (<http://www.jnu.ac.in/SES>)

The School of Environmental Sciences (SES) was established in the lush green premises of JNU in 1974. The School offers Postgraduate and Doctoral degree programmes in Environmental Science through a strong interdisciplinary teaching curriculum supervised by a strong faculty. The School has diversified yet

integrated interests in various research areas of physical, atmospheric, earth, chemical and biological aspects of the environment which holistically address problems in given environmental systems.

Conference Themes

- Theme 1** Air Pollution, Aerosol Physics, Noise Pollution, Meteorology, Environmental Modelling, Greenhouse effect and Global Warming, Aerosol Radiative Forcing
- Theme 2** Remote Sensing and Geoinformatics, Hydrogeology, Natural Hazards, Hydrogeochemistry, Climate Change implications on natural environment, Groundwater Hydrology, Environmental Geochemistry
- Theme 3** Air Pollution Chemistry, Water Pollution Chemistry, Soil Pollution Chemistry, Environmental Impact Assessment, Atmospheric Chemistry and Climate change, Bio-renewable Resources, Solid and Hazardous Waste Management, Aerosol Chemistry
- Theme 4** Natural Resource Management and Sustainable Development, Environmental Parasitology, Host pathogen interaction, Climate Change, Dynamics of Ozone and Bioaerosols, Environmental Microbiology and Bioremediation, Forest Ecology and Ecophysiology, Biodiversity and Conservation, Pollution Biology, Nanotoxicology and Cancer Biology, Environmental Toxicology and Human Health, Microbial Communities in Nature, their interactions and molecular analyses, Agro ecology and air pollution, Environmental Nano-biotechnology

Conference Committee

- Patron:** Prof. M. Jagadesh Kumar, Vice-Chancellor, JNU, New Delhi
Chairperson: Prof. AL Ramanathan, Dean, SES, JNU, New Delhi
Convener: Prof. Paulraj R, SES, JNU, New Delhi
Committee members: Dr. Illora Ghosh, Dr. Sudesh Yadav , Dr Ramovatar Meena, Dr. Amit Mishra

Advisory and Scientific Committee

Prof. A.L. Ramanathan , Dean	Prof. P.K. Joshi
Prof. K.G. Saxena	Prof. Paulraj R.
Prof. I.S. Thakur	Prof. J.K. Tripathi
Prof. S. Mukherjee	Dr. N.S. Siddaiah
Prof. P.S. Khillare	Dr. Ilora Ghosh
Prof. U.C.Kulshrestha	Dr. Sudesh Yadav
Prof. Krishan Kumar	Dr. Usha Mina
Prof. K. Mukhopadhyay	Dr. Meenakshi Dua
Prof. S.C. Garkoti	Dr. A.K. Srivastava
Prof. N. Janardhana Raju	Dr. Ramovtar Meena
Prof. A.P. Dimri	Dr. Amit Kumar Mishra
Prof. Dinesh Mohan	

Local Organising Committee

- Abstracts & Publication:** Dr Ilora Ghosh, Prof. KG Saxena, Prof. S Mukherjee, Prof. PS Khillare, and Prof. Krishan Kumar
- Technical Sessions:** Prof. AL Ramanathan, Prof. SC. Garkoti, Prof. AP Dimri, Prof. Dinesh Mohan, Dr. N S Siddaiah and Dr. Usha Mina.
- Poster session:** Prof. K Mukhopadhyay Prof. IS Thakur, Prof. UC Kulshrestha, Prof. NJ Raju, Prof. Krishan Kumar,
- Venue Management:** Prof. PK Joshi, Dr. Sudesh Yadav, Dr Meenakshi and Dr. Amit K Mishra
- Catering:** Dr. JK Tripathi, Dr Sudesh Yadav, Dr. Arun Srivastava, and Dr. Ramovtar Meena
- Registration,:** Dr. Ilora Ghosh, Dr. Paulraj R and Arun Srivastava
- Travel:** Dr. Sudesh Yadav, Dr. Usha Mina, Dr. Amit K Mishra and Dr. Ramovtar Meena

Registration

Registration fee is **payable in cash at on-the-spot registration desk at the venue**. Registration benefits include access to technical sessions, the Conference material; tea and lunch on 22/03/2018.

Registration fee for Students:	Rs. 500/-
Registration fee for Faculty/Postdoc and Others:	Rs. 1000/-

Abstract Submission

The Conference solicits contributions of abstracts that adhere to the Conference themes. Participants are invited to send e-abstracts not exceeding 500 words, in English and with a clear title. No charts or graphics should be included in the abstracts. Abstract must reach the convener on before March 1st 2019. Please include **the 'subject' line clearly stating the theme under which the abstract is being submitted** and send it to ncepiar@gmail.com. All submitted abstracts will be reviewed and authors will be notified regarding selection of abstract for poster presentation on or before 2nd March 2019.

Poster Presentation

The poster size is to be 3ft wide and 4ft high (36" x 48"). It should include title, authors, affiliation, abstract, introduction, materials and methods, results and discussion, conclusion and literature cited. The title, authors and affiliations of the poster should be exactly the same as in the submitted abstract for easy identification of the paper. Most data are best represented with figures rather than tables. The following minimum font sizes are recommended:

- Title 75 pt
- Authors and Affiliations including e-mail of the presenting author 40 pt
- Section Headings 28 pt
- Text 22 pt

The authors are responsible for:

- Mounting their poster in the marked area according to the registration number assigned at the registration desk
- Removing the poster immediately after their session

Fixing materials will be provided. Please do not affix posters on any place other than the board to which it has been allocated, and use only the fixing material supplied. One Best Poster Award under each theme area will be given during the valedictory program of the conference.

Accommodation

Participants will have to arrange their own accommodation.

Contact us

All queries may please be e-mailed to:

Prof. Paulraj R (Convener)

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