

**WORKSHOP CUM
NINETEENTH NATIONAL SYMPOSIUM
ON ENVIRONMENT
(NSE-19)
December 11-13, 2014**

**Focal Theme
Climate Change and its Impacts**

www.nse19.in
nsemgu@gmail.com

**Organized by
School of Environmental Sciences
Mahatma Gandhi University
Kottayam - 686560
Kerala
&
Health, Safety and Environment Group
Bhabha Atomic Research Centre
Mumbai - 400085**

**Sponsored by
Board of Research in Nuclear Sciences
Department of Atomic Energy
Government of India
Mumbai**

Introduction

Climate change is now recognized as the major environmental problem facing the mankind. The impacts are being felt in the form of melting ice caps in the polar regions and increased variability in temperature, rainfall and storms in virtually all regions. In addition to global impacts, pollution in India can also be attributed to rapid industrialization, energy production, urbanization and increase in the number of motorized vehicles. Similarly, untreated water from urban settlements and industrial activities, run off from agricultural lands carrying chemicals are primarily responsible for the deterioration of water quality and contamination of lakes, rivers and groundwater aquifers. Other environmental issues such as loss of biodiversity, land degradation and hazardous waste disposal are also a cause of concern. The continuous deterioration of environment is the result of unsustainable patterns of production and consumption processes.

Actions to mitigate climate change are only possible with strong policies and technology development and appropriate pollution control measures need to be adopted to mitigate the pollutants in order to achieve a clean environment. Control of air pollution should include promotion of cleaner technologies, strengthening emission standards and monitoring systems. Water pollution control should include technological intervention to enhance effective treatment of wastewater.

In view of the above, the Health, Safety & Environment Group, Bhabha Atomic Research Centre, Mumbai has been organizing National Symposia on Environment, since 1992, to create awareness on environment in various parts of the country. The Nineteenth National Symposium on Environment (NSE-19) in this series is being held at the Mahatma Gandhi University, Priyadarshini Hills, Kottayam - 686 560, Kerala during December 11-13, 2014 with the focal theme "Climate Change and its Impacts", along with a one day workshop for capacity building in "Measurement of Kd (Distribution Coefficient) for toxic contaminants in geological matrices and it's application in contaminant transport

modeling”. The symposium will cover the following topics :

- **Climate change & mitigation strategies**
- **Air, water and soil pollution**
- **Monitoring & modeling of pollutants and their transport**
- **Aerosol characterization and health effects**
- **Environmental radioactivity including NORM**
- **Speciation studies of toxic pollutants**
- **Remote sensing – GIS studies**
- **Ecology**
- **Environmental awareness and education**
- **Bioremediation, waste management and other related areas**

Call for Papers

Scientific papers are invited on the focal theme of the symposium and on other environmental issues. Papers based on original work and not published elsewhere should be submitted in the form of extended abstract. Text of extended abstract should be written in MS Word compatible version. Length of the extended abstract is limited to two pages including tables and figures (A4 size, single spacing, Times New Roman font size 10 and 1” margin all sides). References should be listed alphabetically along with the title of the paper and should be cited in the text with the first author’s name followed by the year of publication. Authors of contributed papers are requested to **submit their abstracts** by e-mail or post to **Chairman, Technical Programme Committee, NSE-19** at Mumbai. All accepted abstracts will be compiled as proceedings for distribution to the delegates during the symposium. The template of extended abstract is available on website (www.nse19.in). The last date for submission of extended abstract is September 15, 2014.

Address for Paper Submission

Dr.(Mrs.) G.G. Pandit
Chairman, Technical Programme Committee, NSE 19
Environmental Monitoring and Assessment Section
Bhabha Atomic Research Centre
Trombay, Mumbai 400085
Ph.No. 022-25590233
e-mail : nse19barc@gmail.com

The Venue

The venue of the symposium is School of Environmental Sciences, Mahatma Gandhi University, Kottayam, Kerala. The university campus is located in Priyadarsini Hills, Kottayam, which is situated in the backdrop of Vembanad Lake. Kottayam district is famous for its contribution in the field of publishing and printing, production of rubber and for its beauty as a land of lakes, thus named as “Land of Letters, Latex and Lakes”. Kottayam is well connected by road and rail transport. The nearest airport to the venue is Kochi (80 Km). Kottayam is a place of diversified natural ecosystems with wetlands, flood plains, estuaries, coastal area, agricultural and forest land, mountain and river valleys. Famous tourist destinations of Kerala, like Thekkady, Munnar (hill station) are accessible from the venue by road transportation.

Accommodation

The accommodation will be arranged in nearby hotels as per the request. The details are given in the website and payment should be made along with the registration fee.

Financial Assistance

Financial assistance to a limited number of research students, who are presenting the papers, will be provided. The request for financial support should be made before October 15, 2014 to Dr. E.V. Ramasamy, Convener, Local Organizing Committee, NSE-19.

Registration

Registration form is available in the website and the intending participants of the symposium may kindly send the completed registration form to Dr. E.V. Ramasamy. The filled registration form along with the bank draft for the amount as applicable should be drawn in favour of “**Convener, NSE-2014, Mahatma Gandhi University**”, [OR] Bank transfer through NEFT into our account number **67286265044** with State Bank of Travancore, Mahatma Gandhi University Campus branch, Kottayam (IFSC Code: SBTR0000669) latest by October 30, 2014.

Dr.D.N. Sharma, Dir., HS&EG, BARC **Convener**

Registration Fee

1. Research Scholars / Students : **Rs.1000**
2. Delegates from Govt. Depts./ Universities / Research institutes : **Rs.2000**
3. Delegates from Public Sector Undertakings / Industries : **Rs.3000**

Important Dates

Submission of paper	September 15, 2014
Acceptance of paper	October 05, 2014
Submission of Reg. Forms	October 30, 2014
Payment of Reg./Accom. Fee	October 30, 2014

Address for Registration form submission

Dr. E.V. Ramasamy
Convener, Local Organizing Committee, NSE-19
School of Environmental Sciences
Mahatma Gandhi University
Priyadarshini Hills P.O.
Kottayam - 686560
E-mail : nsemgu@gmail.com

National Advisory Committee

Dr.R.K. Sinha, Chairman, AEC	Chairman
Dr. Sheena Shukkur, VC, MGU	Co-Chairman
Dr. Sekhar Basu, Director, BARC	
Shri S.S. Bajaj, Chairman, AERB	
Shri K.C. Purohit, C&MD, NPCIL	
Dr.P.R. Vasudeva Rao, Director, IGCAR	
Prof.P. Rama Rao, Chairman, BRNS	
Shri D. Acharya, C&MD, UCIL	
Shri P.S. Parihar, Director, AMDER	
Dr.S.R. Wate, Director, NEERI	
Dr.A.K. Kohli, CE, BRIT	
Shri N.Saibaba, CE, NFC	
Shri R. Prakash, CE, HWB	
Dr.R.N. Patra, C&MD, IREL	
Dr.S.W.A. Naqvi, Director, NIO	
Dr.A.R. Sundararajan, MOEF	
Dr.A.R. Reddy, DLJ, DRDO	
Shri H.S. Kushwaha, RRF, DAE	
Dr. A.P. Thomas, Director, ACESSED, MGU	

Symposium Organizing Committee

Dr. D.N. Sharma, HS&EG, BARC	Chairman
Prof. C.T. Aravindakumar, MGU	Co-Chairman
Dr. K.S.Pradeep Kumar, RSSD, BARC	
Dr.R.M. Tripathi, HPD, BARC	
Dr.K. Bhanumurthy, SIRD, BARC	
Dr.Vivekanand Kain, MSD, BARC	
Dr.Sangeeta, BRNS, DAE	
Dr.Debanik Roy, BRNS, DAE	
Prof.Lakshmandas, GITAM University	
Prof.D.N. Singh, IITB	
Dr.Godwin Wesley, SCC	
Dr. B. Nagender Nath, NIO	
Dr.Mukesh Sharma, IITK	
Dr.(Mrs.) G.G. Pandit, EMAS, BARC	Convener

Technical Programme Committee

Dr.(Mrs.) G.G. Pandit, EMAS, BARC	Chairman
Dr.R.N. Nair, Ex.RSSD, BARC	
Dr.P.M.Ravi, HPD, BARC	
Dr.A.Vinod Kumar, RSSD, BARC	
Dr.K.Karunakara, Mangalore University	
Dr. Shaon Raychaudhary, WBUT	
Dr.Vandana Pulhani, HPD, BARC	
Shri I.V. Saradhi, EMAS, BARC	
Dr.S.Mishra, EMAS, BARC	
Dr.Faby Sunny, RSSD, BARC	
Dr.Anil Kumar, RSSD, BARC	
Dr.S.K. Sahu, EMAS, BARC	Convener

Local Organizing Committee

Prof.C.T. Aravindakumar, MGU	Chairman
Prof. A.P. Thomas, MGU	
Dr. Mahesh Mohan, MGU	
Dr. Syllas V.P., MGU	
Dr. K. Usha, MGU	
Dr. Christopher G, MGU	
Dr. John C Mathew, MGU	
Dr. Ambili Chandran, MGU	
Dr.Harsha HT, MGU	
Mrs. Anuthara, MGU	
Mrs. Padma Ramasamy, MGU	
Ms. Poornima, MGU	
Mr.Mathew, MGU	
Mr. Sajith, MGU	
Dr.E.V. Ramasamy MGU	Convener

**WORKSHOP CUM
NINETEENTH NATIONAL SYMPOSIUM ON
ENVIRONMENT (NSE-19)
December 11-13, 2014
Registration / Accommodation Form**

Name :
Designation :
Address :

Phone (Off.) :
(Resi.) :
(Mob.) :
E-Mail :

Presenting Paper : Yes / No

Financial assistance required : Yes / No
(for students and research scholars only)

Title of the Paper : _____

Whether accommodation required : Yes / No
(Details are given in the website)

Please write your choice

I would like to share accommodation : Yes/No

Accompanying person (s) if any :

Payment details of Registration fees &
Accommodation charges

Amount Rs. :

DD No. and Date :

(Drawn in favor of "The Convener, NSE-19")

NEFT details

(Signature)

Please mail this form before October 30, 2014

Address for Correspondence:

Dr. E.V. Ramasamy
Convener, Local Organizing Committee, NSE-19
School of Environmental Sciences
Mahatma Gandhi University
Priyadarsini Hills P.O.
Kottayam - 686560
Ph. No. 0481-2732620 & 2732120
Mob. 09447095935
E-Mail : nsemgu@gmail.com

(or)

Dr.(Mrs.) G.G. Pandit
Convener, Symposium Organizing Committee, NSE-19
Environmental Monitoring and Assessment Section
Bhabha Atomic Research Centre
Trombay, Mumbai 400 085
Ph.No. 022-25590233
E-mail : nse19barc@gmail.com