

ONE DAY INTERNATIONAL CONFERENCE ON
**ENVIRONMENTAL EXPOSURE AND
PREVENTIVE HEALTH CARE**

Organized By
Indian Pollution Control Association,
Delhi



At
Indian Institute of Technology, Delhi



Supported By



Background

Building upon the success of the past two conferences (Safe Water and Sustainable Sanitation for Underserved Communities in Urban India in 2015 and Waste Management Innovations in 2016), driven by real-world cases and attended by academics, researchers, NGOs, government officials, international development agencies, students, and farmers, we now have a better understanding of the link between deteriorating environmental conditions and health, especially in the developing world. Published reports from the World Health Organization (WHO) estimate that 8.9 million people die each year of diseases caused by environmental pollution (air, water, or soil)—and 94% of these deaths occur in underdeveloped and developing countries.

According to WHO's Global Burden of Disease report, air pollution is the fifth largest killer in India, causing traditional respiratory and lung diseases, birth defects, immune system defects, cardiovascular problems, neurobehavioral disorders, liver and other types of cancer, and intestinal diseases (GBD, 2013). Air pollution aside, unsafe water and poor sanitation contributed to 7.5 percent of total deaths and 9.4 percent of total disability-adjusted life years (DALYs) in India. It has also been estimated that each year, around 37.7 million Indians are affected by waterborne diseases, 1.5 million children die of diarrhea alone, and 73 million working days are lost due to waterborne diseases (WHO, 2008).

In light of the adverse impact of environmental pollution on public health and the expense of health care, efforts need to be made to prioritize disease prevention through appropriate control, abatement, and management. The Indian Pollution Control Association (IPCA) and IIT Delhi are hosting an international conference on Environmental Exposure and Preventive Health Care with support from India Development Service (IDS), USA and the University of Wisconsin-Whitewater, USA. The goal of the conference is to focus on the most sensitive population groups: children, pregnant women, and the elderly. The major objectives of the conference are:

- Understanding the diseases caused by different types of pollution: air, water, and soil.
- Understanding the role played by different health care systems—Ayurvedic, herbal, homeopathic, etc.—in control, prevention, and treatment of pollution-induced diseases.
- Developing preventive measures for controlling the diseases caused by pollutants.
- Exploring existing policies and developing strategies for prevention of pollution-induced diseases.

Themes

- Environmental Exposures
- Prevention and Health Care
- Policies and Outreach

Future Outlook

The expected outcome of the conference will be the development and promotion of a preventive health care tool.

Who should participate?

Students, teachers, principals of schools, senior citizens, researchers, doctors, policy makers, Government (Ministry of Women and Child Development) and NGOs.

Organizing Committee

Professor Mukesh Khare, Civil Engineering Department, IIT Delhi

Dr. Arun Kumar, Civil Engineering Department, IIT Delhi

Mr. Ashish Jain, Director, IPCA

Dr. Radha Goyal, Deputy Director, IPCA

Dr. Sameer Prasad, University of Wisconsin-Whitewater, USA

Mr. Ajay Garg, Secretary, IPCA

Dr. Lolita Pradhan, Research Officer, IPCA

Conference Convener

Dr. Radha Goyal, IPCA

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Registration Form

First Name:

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Last Name:

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Designation:

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Organization:

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Mailing Address:

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Mobile Number:

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Email:

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Signature:

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Travel and Accommodation

No TA/DA would be provided to participants. Accommodation for delegates should be arranged by the individuals themselves.

For campus accommodation, kindly contact

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