

REGISTRATION FORM

**Indo-German Joint Scientific Workshop on
“Water and Wastewater Management for
Sustainable Development”**

**January 30-31, 2014
Department of Civil Engineering
Indian Institute of Technology Delhi
Hauz Khas, New Delhi-110016**

Name: _____

Designation: _____

Organization: _____

Title of the Paper: _____

Address: _____

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Signature

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INDO-GERMAN JOINT SCIENTIFIC WORKSHOP ON WATER AND WASTEWATER MANAGEMENT FOR SUSTAINABLE DEVELOPMENT

JANUARY 30-31, 2014



Organised by:

**Department of Civil Engineering
Indian Institute of Technology Delhi
New Delhi 110016, INDIA**



**TECHNISCHE UNIVERSITÄT
DARMSTADT, GERMANY**

ABOUT THE WORKSHOP:

Supplying safe drinking water is becoming one of major challenges in India due to growing water demand, shrinking freshwater resources, increasing complexity of water pollution problems, inadequate pollution prevention and control measures and lack of sustainable technologies to tackle increasing complex real life problems.

Surface water and groundwater are getting contaminated because of increased pollution load from municipal, industrial and agricultural sources. Inappropriate disposal practices of industrial wastewater, underperformance of effluent treatment plants, reduced aeration capacity of rivers and migration of contaminants to groundwater have complicated the management of water and wastewater. There is need to develop innovative and sustainable technologies for water and wastewater management including recycling, reuse and recovery from wastewater and minimizing the industrial and municipal liquid discharge.

This joint scientific round table discussion cum workshop is planned to deliberate the real crux of the problems encountered in the real life in India and Germany, to share the scientific knowledge and experiences, and to identify the current needs and challenges faced in various areas which can be tackled jointly through mutual cooperation and collaborative projects. The specific areas where this bilateral event will be of mutual benefit are groundwater recharge, rain water harvesting, integrated water resources management, low-cost in-situ and low-tech treatment methods, chemical

and biological treatment techniques, optimization of water storage, water supply, conjunctive use and water distribution, efficient water supply and irrigation techniques, wastewater treatment and management, and adaptation to climate change. All these topics will be covered under following technical sessions:

- Groundwater Recharge and Rainwater Harvesting
- Integrated Water Resources Management
- Water and Wastewater Treatment
- Wastewater Management
- Improving Water Supply and Irrigation Systems
- Specific Industry Problems
- Collaborative Project Formulation

ORGANIZERS:

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- Univ. Prof. Dipl.-Ing. Dr. nat. techn. Wilhelm J.F. Urban, Chair of Water Supply and Groundwater Protection, Institute IWAR, TU Darmstadt, Germany
- PD Dr. habil. Subhendu Bikash Hazra, Group of Water Supply and Groundwater Protection, Institute IWAR, TU Darmstadt, Germany

PARTICIPATION:

Indian and German experts from academia and industry are invited to present research papers to share technical know-how, case studies and experiences, on various topics listed above in this Indo-German round table discussion cum scientific

workshop. Participation from young researchers to contribute scientific papers in this workshop is also encouraged. Abstracts of original research work should be sent to the organising committee on or before 17th January 2014. Abstract should be around 300-500 words, it should contain title, name(s) of author(s), name of the institute and keywords in MS Word. The soft copy of abstract and passport size photograph should be sent to akeshari@hotmail.com.

PROCEEDINGS:

Abstracts of all presentations will be published in Book of Abstract. Full length research papers after reviewing will be published in a book from reputed international publisher, immediately after the workshop.

CLIMATE & TRAVELLING INFORMATION:

In the month of December and January, winters are on their peak, so you are advised to come with warm clothes. Expected maximum and minimum temperatures during the event are 22⁰C/72⁰F and 6⁰C/44⁰F respectively. The expected wind speed is 10-28 Km/h through the day.

IIT Delhi is well connected from airport and railway station. It is 10 km away from Indira Gandhi International Airport (Terminal 3). Taxis are easily available from the airport, which takes around 45 minutes to reach IIT Delhi. IIT Delhi is 20 Km away from New Delhi Railway Station. Autos, taxis and metro are available at the station, which take about 1 hour to reach IIT Delhi. The nearest metro station to IIT Delhi is "Hauz Khas".