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National Conference on

## Sustainable Water Resources Planning, Management and Impact of Climate Change

April 05-06, 2013



#### Organized by

Centre of Excellence in Water Resources Management  
Department of Civil Engineering



**Birla Institute of Technology & Science, Pilani**  
Hyderabad Campus

Homepage: <http://sites.bits-hyderabad.ac.in/swrm2013>

## Introduction

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Climate change is one of the major challenges to researchers in recent times. The impact of climate change on water resources around the globe has serious implications like, changing water levels and climatic temperatures which in turn affect the economy and future as a whole. In addition, water resources are depleting day by day due to the exponential demand from sectors like irrigation, domestic consumption and industry. Along with quantity, quality is also deteriorating mainly due to the indiscriminate use of ground water to hazardous levels, pollution of rivers and improper management of wastewater. This necessitates water conservation strategies to be adopted at the national, state and local levels. On the one hand, numbers of advanced techniques have been developed by researchers and on the other hand government and non-governmental organizations are engaged in the implementation of low cost and traditional methods of water conservation. Thus, there is a need to understand and integrate these aspects. To achieve this objective, Birla Institute of Technology and Science-Pilani, Hyderabad campus is organizing a National Conference on “**Sustainable Water Resources Planning, Management and Impact of Climate Change**” on **April 5 & 6, 2013**. The objective of the conference is to identify ways to reduce the gap between research and action and bring relevant stakeholders together, to share their experience and expertise.

Besides other technical sessions, a special session has also been planned to discuss the specific problems on impact of climate change in India. In addition, a brain storming session will be organized for the benefit of researchers. The significant deliberations of the conference will help in framing suitable policy measures which can be implemented by the organizations concerned.

## Themes of the Conference

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The conference encases both traditional and advanced methodologies of water management and allied fields in addition to the application of mathematical modeling techniques in the following themes (but not limited to):

- \* Sustainable water resources planning and management
- \* Impacts of climate change on water resources management
- \* Systems approach to hydrologic problems and modeling
- \* Prediction in ungauged basins
- \* Water quality, wastewater treatment and management
- \* Groundwater issues, remediation and modeling
- \* Urban hydrology including storm water management, Coastal Hydraulics
- \* Geographical information systems and remote sensing in water resources management
- \* Applications of ANN, fuzzy logic, evolutionary algorithms to water resources planning and management
- \* Rain water harvesting, artificial recharge, and water conservation measures
- \* Newer technologies in water resources management

## Call for Papers

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Extended Abstracts on any of the above themes are invited from academicians, researchers, practicing engineers, Non Governmental Organizations (NGO), environmentalists, social scientists, and those who are working directly or indirectly in water resources and allied fields. Participation from students is also encouraged. Interested authors may submit one copy of the abstract (Maximum of 1000 words) to the organizing secretary by email to [cewrm@bits-hyderabad.ac.in](mailto:cewrm@bits-hyderabad.ac.in). Abstract should contain Title of the paper, Names of authors, their affiliations, Email, telephone details. English will be the official language of the conference. Information about the conference along with registration form and other details are also available at <http://sites.bits-hyderabad.ac.in/swrm2013>

## Important Dates

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Submission of extended abstract	<b>February 15, 2013</b>
Intimation about acceptance of abstract	<b>February 20, 2013</b>
Conference Dates	<b>April 05-06, 2013</b>

## Registration Fees

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Participants	<b>Rs. 1500/-</b>
Student participants and accompanying persons	<b>Rs. 1000/-</b>

The fee along with the duly filled in registration form (available at conference home page) should be sent to organizing secretary in favor of Birla Institute of Technology and Science-Pilani, Hyderabad campus payable at State Bank of Hyderabad (Code 21092). Registration fee covers proceedings, lunch and dinner during the conference days.

## Accommodation

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Delegates interested in booking accommodation may send their request along with advanced payment of **Rs.1000/-** per person not later than **March 10, 2013**. This is to ensure confirmed accommodation.

## Sponsorship

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Sponsorship is solicited from government and non-government agencies, professional bodies, industries, research institutions and other organizations. The organizing secretary may be contacted for further information.

## About BITS, Pilani - Hyderabad Campus

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BITS, Pilani started its fourth Campus in Andhra Pradesh. Other campuses are located at Pilani, Dubai, and Goa. The Hyderabad campus has started its academic activity from August, 2008 with varied specializations.