

Important Deadline

Submission of abstract : 31st August, 2012
Final registration : 31st August, 2012
Submission of full manuscript : 10th September, 2012
Notification of abstract acceptance : 15th September, 2012

Registration Fee

Type of Participant	Normal Registration	Registration After 31st August, 2012
Faculty/Scientist	Rs 2000/-	Rs 2500/-
Scholar	Rs. 1500/-	Rs 2000/-
Student	Rs. 750/-	Rs 1000/-

The registration fee must be paid through non-refundable Demand Draft (DD) in favor of 'Gugly Centre for Biological Research', payable at Bhubaneswar and send to the office before the notified date.

Accommodation and Site Tour

Accommodation will be arranged for the delegates in the Guest Houses and Hotels at Bhubaneswar on payment basis. Considering the interest of delegates, transportation and other facilities can be arranged for site tour on 18th October 2012 on payment basis. For more information please send an email to watercrisis@gugly.org

Contact Details

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Gugly Centre for Biological Research
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GCBR National Conference

Water Crisis Management under Changing Climate

16-17 November 2012

Registration Form

Name:

Designation:

Address for Communication:

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Phone/Mobile:

E-Mail:

Topic:

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Presentation: Oral/Poster

Accommodation Required: Yes/No

Interest in Site Tour: Yes/No

Registration Details:

Category: Faculty/Scholar/Student

D.D. No.:

Bank Name and Branch:

Signature of the Delegate

NATIONAL CONFERENCE

WATER CRISIS MANAGEMENT UNDER CHANGING CLIMATE

16 - 17 November 2012



Venue
GCBR, Bhubaneswar

Organized by



Gugly Centre for Biological Research
www.gugly.org

About the Conference

The human right to water entitles every one to sufficient, safe, acceptable, physically accessible and affordable water for personal and domestic use. Water, the most precious commodity, continues to garner more attention as climate change and increasing demand constrain supplies worldwide. Water is predicted to be an important arena of conflict and thus it is of dire necessity to address issues related to important areas of economic, social and environmental security.

Asia is the world's driest continent where the availability of fresh water is not even half the global annual average of 6,380 cubic metres per inhabitant. Experts predict that the water situation will only exacerbate, leading to serious implications for economic growth and inter-riparian relations. How water shortages linked with drought, crop failures, food price rises, hunger and famine could be solved which are further compounded by water used in energy production, manufacturing, agriculture, farming, food production and processing and many other industries (textiles, pulp and paper industry etc.) lead to be explored. Per capita water endowments are shrinking everywhere. Efficiency of water use in agriculture, energy, and industry has remained constant at 1% or less per year for almost two decades. Treated water lost in urban centers is worth about \$10 billion annually. Up to 90% of our wastewater is let go without treatment of any sort. Not even 1% is reused. Groundwater resources have been widely abused. Surface water pollution is almost endemic.

Climate change is ensuring that uncertainty occupies center stage in our lives. It is, indeed, a grim picture - and one not likely to get much better unless we radically alter our ways of managing our accessible freshwater resources. Our choices are, in fact, very limited. What makes matters worse is the fragility of our water resources is occurring at a time of India's most impressive economic performance.

Paradoxically, it is occurring because of it. Fast rates of industrial growth and rapid urbanization have not only demanded more water but in many ways.

The climate change is affecting water and energy resources. While the world's population tripled in the 20th century, the use of renewable water resources has grown six-fold. Within the next fifty years, the world population will increase by another 40 to 50 %. This population growth - coupled with industrialization and urbanization - will result in an increasing demand for water and will have serious consequences on the environment. Already there is more waste water generated and dispersed today than at any other time in the history of our planet: more than one out of six people lack access to safe drinking water, namely 1.1 billion people, more than two out of six lack adequate sanitation, namely 2.6 billion people and 3900 children die every day from water borne diseases (WHO/UNICEF JMP, 2004).

The conference is well timed to address issues of water crisis of unprecedented stress in India's water world. Expert delegates from across the country will address relevant issues on water crisis under changing climate during two-day conference at Bhubaneswar, that will aim at evolving feasible mechanisms for managing water resources at large.

Thematic Topics

- Impacts of climate change on global water crisis
- Perspectives of water management technologies- approaches, challenges and opportunities
- Application of innovative technologies to increase water productivity with quality
- Sustainable and eco-friendly approaches for water management
- Rain water harvesting and ground water recharge
- Industrial waste water management and its reuse

Symposium Organizing Committee

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Mr. S. K. Nayak, Former Principal Scientist, CRRI, Cuttack

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Dr. A. K. Patra, Utkal University, Bhubaneswar

Call for Abstract

Abstracts are invited from researchers, academicians, consultants and students for oral and poster presentation. Abstracts in 250 words should be sent preferably by email to: abstracts@gugly.org and the full manuscript will be considered for publication in a special publication.