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Whether presenting a paper : Yes/No

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Whether participating in the Exhibition : Yes/No

Whether it is a Commercial Presentation : Yes/No

Whether participating in Technical Tours : Yes/No If yes Technical Tour-I/II

Particulars of Registration Fee:

Amount Rs. _____ D.D.No. _____

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DD should be drawn in favour of the Convenor,
ICHWAM-2018 payable at Hyderabad, India.

Address for Correspondence:

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First Circular

Fifth International Conference on

HYDROLOGY AND WATERSHED MANAGEMENT

with a Focal Theme on

"Urban Water Management for Sustainable Development"

**4-7 December, 2018
At Hyderabad, INDIA**



Organized By

**CENTRE FOR WATER RESOURCES
INSTITUTE OF SCIENCE & TECHNOLOGY
Jawaharlal Nehru Technological University Hyderabad
KUKATPALLY, HYDERABAD - 500085. TELANGANA STATE. INDIA**

PRELUDE

The Intergovernmental Panel on Climate Change Report of 2014 predicts more droughts and floods in the future. According to United Nations, floods are affecting more in Asia and Africa compared to other continents. There are still one in ten, deprived of potable water around the world and nearly quarter of the world population have poor sanitation. The water management needs a fresh look in the context of emerging scenarios such as increasing urbanization, decreasing river flows and falling ground water table on one hand and deterioration of both surface and ground water quality on the other hand. Fresh water conservation is not possible unless water saving technologies penetrate in the developing countries particularly in the irrigation sector.

CHALLENGES

In the wake of climate change and the vagaries of monsoon, it is taking toll on urban water supply, sanitation and storm water management. Flooding of cities has become chronic with the arrival of the monsoon in many of the Asian countries. In the developed countries too, coastal cities are facing with hurricanes, typhoons and other water logged problems. Urban water management is the key in the restoration of drainage, public infrastructure like airports and transportation networks after the storm has struck.

The urban watershed as a unit for managing the water, soil along with civil utilities including settlements is the emerging concept to man, manage and maintain all infra structure. The urban watershed concept also takes care of the pollutants in the environment integrating with available resources. Therefore, the hydrology and watershed management is an integral part not only in traditional rural water management but also in urban water management.

It is in this crucial context that the Centre for Water Resources of JNTU Hyderabad is proposing to organize the 5th International Conference on "Hydrology and Watershed Management" (ICHWAM) during Dec. 4-7, 2018 with a focal theme on "Urban Water Management for Sustainable Development". The Centre for Water Resources has already successfully completed more than 33 years of its existence and has substantially contributed to academic and research pursuits by many of its faculty, scholars, students and alumni who are well-placed. This is a flagship conference and is a part of ICHWAM series of conferences organized during the years 2002, 2006, 2010 and 2014. All the previous conferences attracted delegates from different parts of the Globe, which made it truly international. About 300 to 400 delegates are expected to participate in this event from national and international organizations.

SCOPE OF THE CONFERENCE

The International Conference on Hydrology and Watershed Management (ICHWAM-2018) will provide a platform for the academicians, administrators, scientists, researchers, technocrats, planners, decision makers and field experts to present and share their experiences and other issues in the fields of Hydrology, Environment, Ecosystem, Agriculture, Climate Change and Water Resources Management.

ICHWAM-2018 will organize special sessions on the topics related to Urban Water Management, Climate Change and Integrated Water Resources Management. The prime aim of the conference include proper water management, effective utilization of natural resources and to create awareness among the people to protect water resources and public infrastructure. The deliberations of the conference will be brought out in the form of recommendations and presented to the decision makers and planners.

OBJECTIVES

- To identify strategies and innovative technologies in water, land and environmental management particularly suitable to developing countries in the context of emerging Urban Water Management for Sustainable Development
- To share the experience of the academicians, scientists, engineers, NGOs, policy and decision makers throughout the globe in the field of water, land and environment with a focus on urban water management.
- To provide a platform to people from industry to exhibit their innovative products and applications in water, land management and environmental technologies.

SUB-THEMES

- Effect of Climate Change on Water and Environment, and its consequences on Urban Water Management
- Water Scarcity, Urban Water Pollution Problems
- Multipurpose Reservoir Projects and Environmental Impact Assessment
- Reservoir Sedimentation and Catchment Treatment
- Participatory Irrigation Management
- Groundwater Exploration, Modeling and Management
- Artificial Recharge of Groundwater - its Management and Modeling
- Water Productivity in Agriculture
- Watershed Management
- River Basin Management
- Water Quality, Water Pollution and Remediation
- Water Conservation, Grey Water Management, Rainwater Harvesting and Drinking Water Supplies
- Remote Sensing and GIS Applications in Water Resources
- Hydrologic Parameter Estimation and Modelling
- Inter- basin Transfers and Resolving Conflicts
- Legislation in Water Use
- Hydrology and Integrated Water Resources Management
- Land and Water Management
- Hydrology of Coasts, Estuaries and their Environment
- Hydropower Development and Environmental Issues

CALL FOR PAPERS

Papers are invited covering recent trends in the sub- themes with a focus on cost effective and innovative technologies that could be replicated in the developing countries. The authors are requested to submit an abstract of their research work of not more than 500 words for review. The authors will be informed of the acceptance of the abstract after review by the Scientific Programme Committee. The final camera- ready manuscript must be submitted as per the given format along with the acceptance letter. All submissions must be in both electronic form and a hard copy. The proceedings of the conference will be published in a book form.

Important Dates	
Last date for submission of the abstract	: June 30, 2018
Intimation of the acceptance of the paper	: July 31, 2018
Last date for receipt of the full length paper	: August 31, 2018

Registration Fee		
Delegates from India and SAARC countries	:	Rs. 4500/-
Spouses accompanying the delegates	:	Rs. 1500/-
Students from India and SAARC countries	:	Rs. 2000/-
Foreign delegates other than SAARC countries	:	US\$ 350/-
Spouses accompanying the foreign delegates	:	US\$ 120/-
Foreign students from other than SAARC countries	:	US\$ 120/-

Sponsorship	
Governmental organizations, NGOs, Public and Private Institutions and individuals can sponsor this international event at the following tariffs:	
Patron (Eligible for 4 delegates without Registration fee)	: Rs. 75,000/- and above
Sponsor (Eligible for 2 delegates without Registration fee)	: Rs. 50,000/- and above
Co- Sponsor (Eligible for one delegate without Registration fee)	: Rs. 25,000/- and above

Souvenir and Exhibition

It is proposed to bring out a souvenir on the conference and organize an exhibition on Water, Land and Environmental Technologies at the venue. The prospective advertisers and exhibitors of the equipment, hardware and software technologies are invited to the conference. The tariffs are as detailed below:

For Exhibition:	For Souvenir
8 ft x 8 ft stall:	
For Indian Companies : Rs.10000/-	Full page back cover : Rs. 9,000/-
For Foreign Companies : US\$500/-	For full page inside front cover : Rs. 6,000/-
Commercial presentation in one of the Technical Sessions:	Full Page inside back cover : Rs. 5,000/-
For Indian Companies : Rs.5000/-	Full Page inside : Rs. 4,000/-
For Foreign Companies : US\$400/-	Half page inside : Rs. 2,500/-
	Inside quarter page : Rs. 1,500/-

Accommodation And Travel

On request, the organizers will arrange for reservation of accommodation and travel tickets provided the payment is received well in advance. The details will be provided in the Second circular. However, the delegates are requested to intimate their mode of travel and type of accommodation required as early as possible.

Pre-conference Workshop

ICHWAM-2018 will organize a special pre- conference workshop on Geospatial Applications in Water Resources on December 4, 2018. The workshop fee is Rs. 2,500/- for each delegate.

Post Conference Technical Tours

On December 8, 2018: Visit 1 to Nagarjunasagar Dam site and Visit 2 to ICRISAT and Kothapalli watershed. The visits are arranged parallelly based on the response from the participants. The cost of these tours will be charged separately.

Cultural Programme

On the evening of the December 4, 2018 a Classical Dance programme will be arranged.

Colloquium on "Education in Hydrology and Water Management"

The colloquium is arranged on the occasion of the completion of 30 years of the Academic Programmes of Centre for Water Resources.

Conference Location - Hyderabad

Hyderabad, a city more than 400-years old is the capital of State of Telangana, in South India. The city presents an attractive amalgamation of ancient architecture, together with the ebullience of growth and enterprise of the modern world. Hyderabad, often called the Gateway of the South, blends the north and south Indian identities. Hyderabad is famous for its minarets and its pearl bazaar apart from buzzing software industry. Hyderabad is at an altitude of 536 m above mean sea level and is a seat of a number of Research



and Developmental Organizations of national and international importance besides being a host for half a dozen Universities. During the Conference days, Hyderabad will be experiencing a mild winter with day time temperature of about 30° C and night temperature of about 18°C. Carrying light warm clothes is recommended. The venue of the Conference is Jawaharlal Nehru Auditorium of JNTU Hyderabad, Kukatpally, Hyderabad 500085. Important places of interest for visitors are Charminar, Golconda Fort, Birla Mandir, Falaknuma Palace, Salar Jung Museum, Hussain Sagar Lake and Ramoji Film City. For further information, please visit: [http:// www.tstourism.com](http://www.tstourism.com)

About Host Organization

Jawaharlal Nehru Technological University (JNTU) was established in the year 1972 by the Government of Andhra Pradesh, India, with the primary objective of imparting high quality technical education and promoting applied research and consultancy. JNTU is one of the premier organizations in the country offering technological education.



The university was divided into four universities in the year 2008 and now it is renamed as JNTU Hyderabad, located at Kukatpally, Hyderabad. Apart from its four prestigious colleges at Hyderabad, Jagityal, Manthini and Sultanpur nearly 300 Engineering and Pharmacy colleges are affiliated to JNTU Hyderabad. It also constitutes School of Information Technology, School of Management Studies, School of Continuing and Distance Education, UGC- HRDC, Bureau of Industrial Consultancy Services, and JNTUH Innovative Hub at its head quarters in Hyderabad. In order to cater to the needs of manpower requirement in the emerging areas of technologies such as Water, Environment, Biotechnology, Pharmacy, Nano Science, Remote Sensing and Satellite Meteorology, an Institute of Science & Technology (IST) was established in the year 1989.

The Centre for Water Resources (CWR), a constituent unit of IST, JNTU Hyderabad was established in the year 1984 by the University, and celebrated its silver jubilee during the academic year 2009-2010. It is the first of its kind in the Deccan Plateau of India to cater to the dire needs of manpower development in the problematic and thrust areas of water resources and their management. Since then, the Centre has completed several prestigious National and International research projects besides conducting a number of short- term courses, National and International conferences and consultancy assignments. In addition, the Centre is offering multi- disciplinary Masters and Doctoral Programmes in the fields of Water and Environment. At present, the Centre is funded by World Bank under TEQIP programme by Government of India. The Centre is also recognized by Central Public Health and Environmental Engineering Organization, New Delhi, as one of the renowned centres on par with IITs to offer Post graduate programmes in Water & Environment.



PRELIMINARY PROGRAMME OF THE MAIN CONFERENCE

Tuesday December 4, 2018	
Registration	: 2. 00 p. m. onwards
Inaugural Ceremony	: 4.00 p. m.
Cultural Programme	: 6.30 p.m.
Banquet Dinner	: 7.30 p. m. onwards
Wednesday December 5, 2018	
Plenary Session	: 9.00 a.m.
Technical Sessions	: 11.30 a.m. to 4.00 p.m.
Colloquium	: 4.30 p.m. to 8.30 p.m.
Colloquium Dinner	: 8.30 p.m onwards
Thursday December 6, 2018	
Technical Sessions	: 9.00 a.m. to 5.30 p.m.
Friday December 7, 2018	
Technical Sessions	: 9.00 a.m to 3.30 p.m
Panel Discussion	: 4.00 p.m to 4.30 p.m
Closing Ceremony	: 4.30 p. m. to 5.30 p. m.

LANGUAGE

The official language of the Conference is English. All presentations must, therefore, be made in English.

INSURANCE AND LIABILITY

The organizers are not responsible for individual medical, travel or personal insurance. Participants are strongly advised to take their own insurance policies. Further, the organizers cannot assume any form of liability for changes in the programme in case of external disturbances.

FINANCIAL ASSISTANCE

At present the organizers are not in a position to offer any financial assistance to the participants. However, attempts are being made to approach various agencies of international development for funding the Conference. After obtaining the commitments from these organizations, financial assistance if any, will be indicated in the second circular.



Call for Papers

Online Submission
www.ichwam.org

Important Dates

Abstracts
30th, June, 2018

Full Papers
31st, August, 2018

TEQIP
IST, JNTUH

