



Centre for Water Engineering and  
Management  
Central University of Jharkhand  
Ranchi 835205



सत्यमेव जयते  
Ministry of  
Earth Sciences

Ministry of Earth Sciences  
Government of India  
New Delhi

**NATIONAL CONFERENCE**  
ON  
**WATER AND SUSTAINABLE DEVELOPMENT**

ON  
**JANUARY 8-9, 2016**  
AT  
CENTRAL UNIVERSITY OF JHARKHAND  
BRAMBE, RANCHI  
JHARKHAND 835205

# ABOUT CUJ

The Central University of Jharkhand, established in 2009 by an Act of Parliament, is a young, vibrant and futuristic non-affiliating university. His Excellency, Shri Pranab Mukherjee, Hon'ble President of India is the Visitor of the University. CUJ is presently operating from a 45 acres beautiful campus situated at Brambe, 25 km from Ranchi, with a permanent campus coming up in sprawling acres at Cheri Manatu, Ranchi. CUJ has 7 schools and 22 centres imparting quality education in Science, Technology, Social Science, Languages, Business Management and Journalism and Media Technologies, mostly conducting 5 years Integrated Courses and Ph.D programmes.

## ABOUT THE CENTRE

The Centre for Water Engineering and Management came into existence in July 2010 under the School of Natural Resource Management and presently offering 5-year Integrated M. Tech and Ph.D program in Water Engineering and Management. With a mission to encourage innovative approach of thinking, the centre is under process of developing highly skilled manpower. Also, our faculty with exceptional experience in field and academics, are dedicated to produce world leaders in the field of water engineering and management.



# ABOUT WASD 2016

Sustainable development means development that meets the needs of the present without compromising the ability of future generations to meet their own needs. The basic concept endorses putting in place strong measures to spur economic and social development, particularly for people in developing countries, while ensuring that environmental integrity is sustained for future generations. Water is at the core of sustainable development and is critical for socio-economic development, healthy ecosystems and for human survival itself. It is central to the production and preservation of a host of benefits and services for people. Water is also at the heart of adaptation to climate change, serving as the crucial link between the climate system, human society and the environment. Today, more than 1.7 billion people live in river basins where depletion through use exceeds natural recharge, a trend that will see two-thirds of the world's population living in water-stressed countries by 2025. Water can pose a serious challenge to sustainable development but managed efficiently and equitably, water can play a key enabling role in strengthening the resilience of social, economic and environmental systems in the light of rapid and unpredictable changes. Ban Ki-moon, UN Secretary General has rightly pointed out that "Environmental, economic and social indicators tell us that our current model of progress is unsustainable. Ours is a world of looming challenges and increasingly limited resources. Sustainable development offers the best chance to adjust our course."

To address and deliberate on these important issues of water, Centre for Water Engineering and Management, CUJ, Ranchi in association with the Ministry of Earth Sciences, Govt. of India, New Delhi is organizing a National Conference on 'Water and Sustainable Development (WASD 2016)' during January 8-9, 2016. The primary aim would be to focus on issues related to the conservation and management of water in agriculture, aquifer management, water quality issues of mined water and maintaining environmental flow in river.

# THEMES AND OBJECTIVES

The conference invites original contributions that address either scientific issues or practical/field issues related to the hydrological models, watershed management, micro irrigation, reservoir operation, prevention and management of water in agriculture and at mining areas. Abstracts should include new technical information which is of potential interest to researchers and/or practitioners in the field. Laboratory and field experiments, modeling efforts, studies of relevant field sites, technical evaluations of new technology, and engineering applications would constitute the deliberations.

The conference will be organized with the following objectives.

- To identify strategies and innovative water saving technologies particularly suitable to developing countries in the context of sustainable development.
- To share the experience of the academicians, scientists, engineers, NGOs, policy and decision makers with a focus on formulating water management strategy for sustainable development.
- To provide a platform to people from Industry to exhibit their hardware and software products in water and land management.

## Broad themes of the conference would include:

- ✓ Optimization of water resources for sustainable development,
- ✓ Aquifer recharge and ground water modeling studies,
- ✓ Quality of surface and ground water and its contamination,
- ✓ Participatory watershed management and hydrological modeling,
- ✓ Flood and Surface Water Management in Mines
- ✓ Best management practices and efficient use of water in agriculture,
- ✓ Environmental impact assessment of water resources projects.

# PAPER SUBMISSION

Authors are requested to submit their one-page Abstract and Full Paper of about 10 to 12-page length (including of text, figures and tables) in English language to the Convener by November 30, 2015 alongwith completed registration form and payment. Softcopy of the Full Paper in MS-WORD, Times New Roman, Font 11 should be sent to the e-mail: [convenerwasd2016@gmail.com](mailto:convenerwasd2016@gmail.com) Detail guidelines for author are given on CUJ website ([www.cuj.ac.in](http://www.cuj.ac.in)) under **WASD 2016**.

Submission of Abstract: November 5, 2015

Acceptance to be communicated: November 10, 2015

Submission of full length paper: November 30, 2015

## VENUE AND DATE

- University Auditorium, CUJ, Brambe, Ranchi
- January 8-9, 2016

## REGISTRATION

Corporate Bodies, Industry, R&D Organizations, Academic Institutions, Research Scholar and Student are requested to register for the WASD 2016 by November 30, 2015. The corresponding fees for delegates are as follows:

- Rs. 4,000/- per delegate from Corporate bodies / Industry
- Rs. 2,000/- per delegate from R&D organizations and Academic Institutions
- Rs. 1,000/- per Research Scholar and Student delegate.

The registration fees do not include boarding and lodging charges. Arrangements for accommodation will be made separately on payment basis for the delegates either in CUJ Brambe campus based on limited availability in Guest House or in Hotels at Ranchi. Delegates are requested to contact Dr. Vinod Kumar Tripathi (e-mail id: [tripathiwatcer@yahoo.com](mailto:tripathiwatcer@yahoo.com)), Organizing Secretary, WASD 2016 for accommodation.

# ORGANIZATIONAL SPONSORSHIP

The Corporate Bodies, Industry, Research and Academic Institutions are invited to sponsor the event with the tariff as given below:

Platinum Sponsorship	Gold Sponsorship	Silver Sponsorship	Bronze Sponsorship
Rs. 3,00,000 (includes 5 delegates free)	Rs. 2,00,000 (includes 4 delegates free)	Rs. 1,50,000 (includes 3 delegates free)	Rs. 50,000 (includes 1 delegate free)

## ADVERTISEMENT IN THE SOUVENIR

Front/Back Cover Colour	Inside Cover Colour	Inside Full Page Colour	Inside Full Page B/W
Rs. 1,00,000	Rs. 50,000	Rs. 25,000	Rs. 15,000

## MODE OF REMITTANCE

Sponsorships and Registration Fees may be remitted by A/c Payee Demand Draft drawn in favour of “Convener-Water and Sustainable Development” payable at Ranchi or through RTGS/NEFT in favour of Convener-Water and Sustainable Development, Central University of Jharkhand, Ranchi, Account No.727702100000136, payable at Punjab National Bank, Brambe, Ranchi-835205 (Branch Code-7277), (IFSC code :PUNB0727700).

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# ADDRESS FOR CORRESPONDENCE

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