



JADAVPUR UNIVERSITY

SCHOOL OF WATER RESOURCES ENGINEERING

KOLKATA 700 032, INDIA

The Principal
Women's College, Calcutta

Sub: Consent for joining as a Collaborative Institute with Department of Geography for an International Conference entitled "Sustainable Water Resources Management under Changed Climate" to be held during March 13th -15th, 2020 at Jadavpur University

Respected Madam,

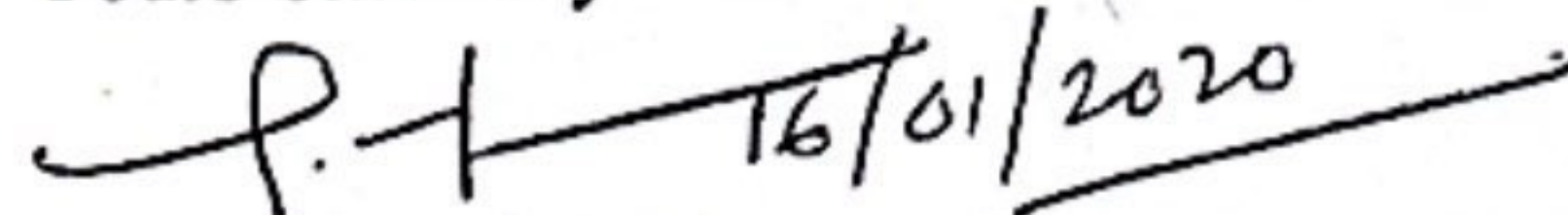
With New Year greetings I am pleased to inform you that the School of Water Resources Engineering, Jadavpur University is going to organize an "International Conference on Sustainable Water Resources Management under Changed Climate" collaborating with National Institute of Technology, Durgapur. The date of the conference will be from 13th March 2020 to 15th March 2020 on the back drop of World Water day on 22nd March to increase and create a mass awareness keeping in view of the global water crisis under climate change scenario. National Institute of Technology (NIT), Durgapur is working on DST-Govt. of India sponsored BRICS project in the thematic area "Water Resources and Pollution Treatment" in collaboration with China and Russia as well as BRICS Network University programme in collaboration with Brazil, Russia, South Africa and China and will collaborate in this conference as Joint-Coordinators to make it an International concern. As such we are inviting speakers from China, Russia and other BRICS partners to deliver lectures as keynote speaker on water related issues as it will enrich knowledge and interaction among the participating students and research scholars all over India. It may please be noted that one of your colleague is being an alumni of School of Water Resources Engineering, Jadavpur University and as geography is an interdisciplinary subject with water resources management is a challenge issue at regional and global scale. The venue of the conference will be at Jadavpur University and will continue for three consecutive days as stated above. Collaboration of your Department of Geography will also incorporate discussions and lectures on numerous ideas and approaches related to conserve water resources and pollution treatment.

Your kind consent in this regard will be highly solicited as discussed in verbal mode to join as collaborative institutes make the conference successful at a global concern.

Madam, May I include your name as a patron in the aforesaid conference.

Looking forward to your kind consent and necessary action at the earliest.

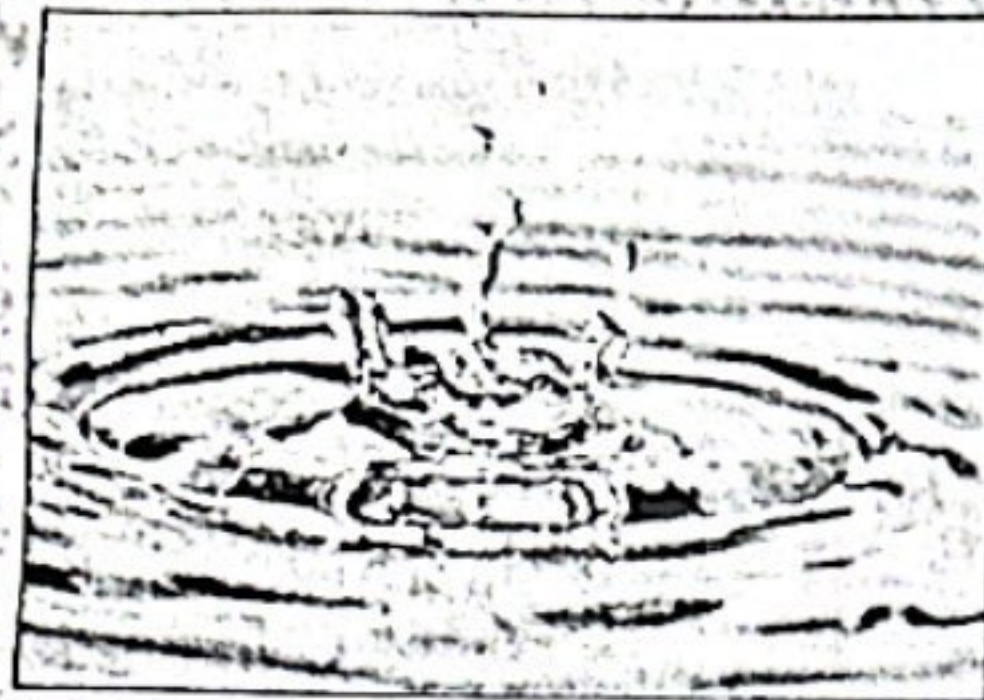
Thanking You
Yours Sincerely

 16/01/2020

Prof. (Dr.) Pankaj Kumar Roy
DEAN,
Faculty of Interdisciplinary Studies, Law & Management,
Jadavpur University
Professor & Joint Director
School Of Water Resources Engineering
Jadavpur University,
Director
School of Environmental Studies
Jadavpur University

**International Conference
On
Sustainable Water
Resources Management
under Changed Climate**

13-15th March, 2020
Venue: Jadavpur University



Organized by



**School of Water Resources Engineering,
Jadavpur University**
(Under RUSA-2.0 funded)
Collaboration with



Women's' College Calcutta
(Department of Geography)



NIT Durgapur

ABOUT THE CONFERENCE

India is facing one of its major and most serious water crisis. After two consecutive years of weak monsoons, 330 million people — a quarter of the country's population — are affected by a severe drought. With nearly 50 per cent of India grappling with drought-like conditions, the situation has been particularly grim this year in western and southern states that received below average rainfall. For economic efficiency and environmental sustainability, water must be treated and supplied according to usage. It is in this backdrop that 1st International Conference will be organized. The conference will see convergence of renowned water resources experts and research scholars from various parts of India and will deliberate and discuss on various water related issues. The conference will would provide an interactive platform for enormous brainstorming and sharing path breaking ideas for sustainable water resources management.

MAJOR THEME

- Water Scarcity Challenge Ahead
- Surface and Ground Water Management
- Extreme Climate Event-Drought, Flood and Cyclone
- Water and Society
- Environment, Sustainability & Development
- Water and Ecosystem
- Water Supply and Treatment
- Wastewater Treatment Technology

ABOUT THE INSTITUTE

School of Water Resources Engineering Jadavpur University: A center for Water Resources Engineering started functioning as an interdisciplinary group in R & D activities in June, 1983 after the appointment of a Professor of water resources engineering. The center was associated with the Departments of Civil, Mechanical, Electrical and Chemical Engineering and Geological Sciences. The school has national and international links with renowned universities and research organizations.

Women's College Calcutta: Women's College Calcutta was founded on 2nd July 1937, by a group of devoted scholars under the guidance of Dr. D.L De with a view two advancing the cause of higher education among women's. Number of subjects are taught for both in graduate and post graduate level.

National Institute of Technology, Durgapur

The NIT Durgapur was established in 1960 under an act of the Parliament of India as one of the eight such colleges as cooperative venture between the Govt. of India and the Govt. of West Bengal.

Chief Patron

Prof. Suranján Das, Hon'ble VC, Jadavpur University

Patrons

Dr. Mahua Das, Principal, Women's College Calcutta

Prof. Anupam Basu, Director, NIT Durgapur

Dr. Pradip Kumar Ghosh, Pro-VC, JU

Prof. Chiranjib Bhattacharjee, Pro-VC, JU

Convener

**Dr. Malabika Biswas Roy, Assistant Professor
Department of Geography,
Women's College Calcutta**

Call for Papers

Participants are requested to send their abstract (250 words) based on original research latest by 5th February 2020 to the conference email (icswrm20@gmail.com). The abstract should be typed in Times New Roman (12 Font Size) with 1.5 Space with title of the paper, name of the author(s), affiliation, e-mail address besides the content. The corresponding author will be informed through e-mail about the acceptance of the abstract by February 10, 2020. All accepted papers will be published in the Abstract Proceedings of the Conference. Those communications considered of having enough quality may be further considered for publication in the edited volume in Springer Publication.

IMPORTANT DATES

Abstract submission closed: 10th February 2020
Acceptance of abstract: 12th February 2020
Full paper submission closed: 28th February 2020
Online Registration start: 12th February 2020
Online Registration closed: 28th February 2020

Registration Fee

International Delegates	300 USD
National Delegates	2500 INR
Research Scholars / Students	1500 INR
Accompanying Person's	1000 INR

Registration fee (without Accommodation) includes conference kits, breakfast and lunch during the conference. Accompanying Person's registration includes breakfast and lunch during the Conference.

The registration fee can be paid online through RTGS/NEFT/Direct Transfer to the Bank Account or DD in favor of JADAVPUR UNIVERSITY, payable at Kolkata the details are:

Name of Account Holder: REGISTRAR
Name of Account: JADAVPUR UNIVERSITY
Account Number: 11079699404
Bank Name: STATE BANK OF INDIA
Branch: JADAVPUR
IFSC Code: SBIN0000093
MICR Code: 700002048
SWIFT Code:

For Conference Inquiries
+91 8697745124, +91 8617200324, +91 9830499576

icswrm20@gmail.com

gourab87civil@yahoo.com

malabikabiswasroy@gmail.com

President

Prof. Asis Mazumdar
Professor and Director, SWRE, JU

Organizing Secretary /Coordinator

Prof. Pankaj Kumar Roy,
Dean, FISLM, JU
Professor and Joint Director, SWRE, JU

Joint-Coordinators

Dr. Supriya Pal, Associate Professor, NIT, Durgapur
Dr. Hirok Chaudhuri, Associate Professor, NIT, Durgapur
Dr. Mrinal Kanti Mandal, Associate Professor, NIT Durgapur

Organizing Joint Secretary

Dr. Subhashis Das, Assistant Professor, SWRE, JU

Dr. Rajib Das, Assistant Professor, SWRE, JU
Dr. Gourab Banerjee, Assistant professor, SWRE, JU

Member of Working Committee

Prof. Pankaj Kumar Roy, Dean, FISLM, JU
Dr. Snehamanju Basu, Registrar, JU
Mr. Gour Krishna Pattanayak, F.O. JU

Organizing Committee Member

Dr. Subhashis Das, JU
Dr. Rajib Das, JU
Dr. Gourab Banerjee, JU
Mr. Susanta Ray, CSIR-IICB
Mr. Mridul Mandal, KMC
Dr. Malabika Biswas Roy
Smt. Baishakhi Datta, WCC
Sri. Arnab Ghosh, WCC
Sri. Pravakar Kanjilal, WCC

International Advisory Committee

Prof. Stefano Pagliara, University of Pisa
Prof. John M. Wallace, Washington University, USA
Prof. Jagadish Shukla, Gorge Mason University, USA
Prof. Kingshuk Roy, Nihon University, Japan,
Prof. Aidan Quinn, Tyndall National Institute, UCC, Ireland

National Advisory Committee

Prof. M.S Mohan Kumar, IISc, Bangalore
Prof. Subhashis Dey, IIT Kharagpur
Prof. Arunabha Majumder, JU & AIHH & PH
Prof. R.B. Singh, DU
Prof. Rana P. B. Singh, BHU
Prof. K.N. Prudhvi Raju, BHU
Prof. Kalyan Kr. Bhar, IEST, Shibpur
Prof. Sirshendu De, IIT Kharagpur

Prof. Pulak Sengupta, JU.
 Prof. Ashok Kumar Gupta, IIT KGP
 Prof. Sekhar Dutta, TIT, Agartala
 Prof. Vivekakananda Singh, NIT Patna
 Prof. Abdul Karim Barbhuiya, NIT Silchar
 Prof. N.K Goel, IIT Roorkee
 Prof. A.K Gosain, IIT Delhi
 Prof. Nadim Khali, AMU
 Prof. A.R. Siddiqui, AU
 Prof. Atique Ahmed, AMU
 Prof. Ramakar Jha, NIT, Patna
 Prof. Manish Pal, NIT Agartala
 Dr. Anirban Dhar, IIT Khargapur
 Prof. Bindhy Wasini Pandey, DU
 Dr. Bhaskar Das, VIT
 Dr. Poonam Sharma, Shahid Bhagat Singh
 College, DU
 Dr. T.K. Ghosh, CSIR-NEERI, Nagpur

State Advisory Committee

Dr. Snehamanju Basu, Registrar, JU
 Mr. Gour Krishna Pattanayak, F.O., JU
 Dr. Sanjay Gopal Sarkar (Joint Registrar)
 Mr. Indrajit Banerjee, Convener RUSA 2.0, JU
 Prof. Sunando Bandyopadhyay, CU
 Prof. Lakshmisivarama Krishnan, JU
 Prof. Lakshmi Narayan Satpati, CU
 Prof. Molay Mukhopadhyay, VBU, Santiniketan
 Dr. Arun Kanti Biswas, NEERI, Kolkata
 Prof. Soumendu Chatterjee, Presidency University
 Dr. Rajib Mukhopadhyay, GCBT College, Habra
 Dr. Sudip Choudhuri, GCBT College, Habra
 Prof. N.C. Jana, BU
 Prof. Gopa Samanta, BU
 Dr. Ashok Kumar Ghosh, MN Dastur, Kolkata
 Sri Chandan Roy, Chief Engineer, Irrigation &
 Waterways Department
 Prof. Asis Pal, VU

Prof. Nilanjana Das Chatterjee, VU
 Prof. Subir Sarkar, NBU
 Prof. Tuhin Ghosh, JU
 Dr. Gupinath Bhandari, JU
 Dr. Anupam Debsarkar, JU

Tentative Program International Speakers

China – Speaker 1
 Russia- Speaker -2
 South Africa- Speaker -3
 Brazil- Speaker-4
 Bangladesh-Speaker-5

National Speakers

IISC, Bangalore
 IIT KGP
 School of Water Resources Engineering, JU
 Women's College Calcutta
 AIHH & PH, GoI
 IIT Roorkee
 IIT Delhi
 IIST Shibpur
 AMU
 TIT, Agartala
 Geo Dept, CU
 Geo Dept, Utkal University
 Geo Dept, B U
 Geo Dept, VBU,
 Geo Dept, DU
 NIT, Durgapur



**International Conference
On
Sustainable Water Resources Management under Changed Climate
(13th-15th March, 2020)**

Theme

1. Water Scarcity Challenge Ahead

- River Basin Management
- Water Conservation and Management
- Rain water harvesting
- Hydrological and Hydro geological investigation and modelling
- Consumptive Water Use in different Sector (Agriculture and Industry) etc.
- Geological and Hydro-Geological Investigation

2. Surface and Ground Water Quality and Management

- Groundwater Technology for Hazardous Contamination
- Groundwater Potential and Recharging
- Advanced Water Treatment and Technology
- Surface and Ground Water Interaction
- Surface and Ground Water Available Under Changed Climate
- Surface and Ground Water Quality
- Ground Water Treatment and Technology

3. Extreme Climate Event-Drought, Flood and Cyclone

- Drought and Flood Management
- Impact of Climatic Hazard on Water Resource
- Salinity Intrusion
- Hydro- Dynamic Study on Coastal Hazards

4. Water and Society

- Water Conservation and Role of Women
- Water, Health and Livelihood Issue
- Community based Water Management
- Rainwater Harvesting

5. Water and Ecosystem

- Forest Hydrology
- Wetland Hydrology
- Water, Soil and Plant Relationship
- Sediment Transport and Mechanism

6. Water Supply and Treatment

- Rural and Urban Water Supply
- Safe Water Supply
- Advanced Water Treatment and Technology

- Water Safety and Security
- Reject Management

7. Waste Water Treatment Technology

- Waste Water Utilization
- Energy Harvesting through Wastewater
- Reuse and Recycling of Wastewater
- Advanced Waste Water Treatment
- Sludge Management

8. Environment, Sustainability and Development

- Ecological Flow
- Water Policy and Water Economic
- Sustainable Development
- Environmental Management
- Energy, Utilization and Environment