

CALL FOR PAPERS

You are cordially invited to submit Extended Abstracts of innovative, original, exhaustive research work carried out by you in about 2500 words through email on the given themes. We would like to encourage youngsters/learners to contribute papers for Poster presentations too.

Email: hydro2018international@gmail.com

Web page: www.nitp.ac.in

IMPORTANT DATES

Submission of Extended Abstract: 31st May 2018

Acceptance of Abstract: Poster/Oral 30th June 2018

Submission of full length Paper: 31st August 2018

Final Decision on Paper 30th Sept. 2018

HIGHLIGHTS

Publication of conference papers/ proceedings

- Selected Papers would be published in ISH Journal of Hydraulic Engineering (SCOPUS)-Taylor and Francis and the Conference Papers after Oral and Poster Presentation may be published in Procedia

Awards

In addition to the ISH awards, awards would also be provided for Best papers in different Themes for Oral and Poster presentations individually.

Free registration for sponsored delegates

- Sponsorship of INR 100,000/ USD 3000- Free for 5 students and 2 Faculties, OR 5 Scientists/ Officers from Government / Industry / NGOs. (Multiple for more sponsorship)

All the students/Faculties/Officers/Scientists are encouraged to avail such facility, if their Institute is under TEQIP Program/CSR/other funds.

REGISTRATION FEE FOR INDIVIDUALS

(Before 31st October 2018)

- Faculty/Scientist* INR 12000 or USD 500
- Students/Spouse* INR 6000 or USD 200
- ISH members INR 4000/USD100

(During 1st November 30th November 2018)

- Faculty/Scientist* INR 14000 or USD 600
- Students/Spouse* INR 7000 or USD 300

* No Registration would be done after 1st December 2018. All the logistics including accommodation (twin), food, local transport, post-conference (Bodhgaya-Nalanda-Rajgir) tour would be covered from Registration fee.

CONTACT DETAILS

Patron

Prof. (Dr.) Pradip Kumar Jain

Director National Institute of Technology Patna

Email: director@nitp.ac.in

Co-Chairs:

Dr. M. K. Sinha, President ISH

Executive Member, NCA, Indore, MP

Prof. (Dr.) Ramakar Jha,

Professor, Department of Civil Engineering, NIT

Patna, Bihar, India, Mob: +91 8544401806

Email: hydro2018international@gmail.com

Conveners

Prof. Vivekanand Singh, NIT Patna

Dr. Ranganath, L.R. Secretary, ISH, CWPRS, Pune

Sri Amit Kulhare, Treasurer, ISH, CWPRS, Pune

Prof. Roshni T., NIT Patna

Organizing Committee

Prof. S. K. Verma

Prof. L. B. Roy

Prof. N. S. Maurya

Prof. M. P. Singh

Prof. A. R. Quaff

Prof. S. K. Suman

Prof. Reena Singh

Dr. Z. S. Tarapore

Dr. P. Chandra

Dr. M. R. Bajantri

Prof. Sanjeev Sinha

Prof. A. K. Sinha

Prof. Pijush Samui

Prof. J. P. Singh

Prof. Sanjay Kumar

Prof. A. Singh

Sri M. D. Kudale

Dr. J. D., Agrawal

Dr. R. G. Pati

Sr. H. B. Jagadeesh

HYDRO-2018 INTERNATIONAL (Hydraulics, Water Resources and Coastal Engineering)

(December 19-21, 2018)



Organized by

National Institute of Technology
Patna, Bihar, India



In association with



The Indian Society for Hydraulics (ISH), Pune
Water Resources Department, Bihar
National Institute of Hydrology Roorkee

About NIT Patna and ISH, Pune

National Institute of Technology Patna is one of the premier Institution under the Ministry of Human Resource Development (MHRD), Govt. of India located in lower Gangetic Plains of Ganga river basin. Its main aim is to produce high quality researchers and engineers in the country.

Indian Society for Hydraulics (USH) Pune is a technical, educational and non-profitary voluntary national organization to provide forum and to disseminate knowledge of engineers and scientists working in the area of hydraulics water resources and coastal engineering.

THEMES

- **Fluvial Hydraulics** –Erosion, Sedimentation, Sediment transport, geomorphology, plan form analysis, analytical and numerical modelling.
- **Silt management of River Ganga and its tributaries**- Silting and desilting in river Ganga basin, silt management models, Impact of Farakka Barrage on sedimentation.
- **River Engineering**- Advances in river training works, river flow dynamics in channel and flood plains, hydraulic and hydrologic routing
- **Climate changes impact on water resources**– Climate change models, downscaling, catchment scale modelling, uncertainty analysis,
- **Hydrology of Extremes:** Floods and its frequency analysis, Drought severity analysis, hydrological models, hazard and risk analysis
- **Groundwater / modelling**- Aquifers, unsaturated and saturated flow modelling, solute transport, RBF, recharge, drainage
- **Water Use Efficiency**- Irrigation efficiency, Water management, Conjunctive use, Command area development, recent advances to increase water use efficiency, irrigation return flow
- **Environmental flows and Ecological flows**- Environmental flows, eco-hydrology, E-flow models

- **Urban water management and impact of heat islands**-Smart city drainage management, urban flooding and water logging
- **Water Quality for Indian rivers and its modelling**- Water quality variables and its impact, low cost remedial measures, water quality modelling of rivers and groundwater
- **Water resources structures and its management**- Advanced Design and development of projects, Operation policies
- **Coastal Engineering**

TECHNICAL ADVISORY COMMITTEE International

Prof. Massimo Menenti, The Netherlands
Prof. Marco Macini, Italy
Prof. Li Jia, China
Prof. Antônio H. C. Teixeira, Brazil
Prof.dr.Adraan van Niekerk, South Africa
Prof. Soorosh Soroshian, USA
Prof. Soontak Lee, South Korea
Prof. Ian Hollman, UK
Prof. A. J. Adeloye, UK
Prof. Stefano Pagliara, Italy
Dr. Bhanu Neupane, France
Prof. Rafiq Azzam, Germany
Prof. V. P. Singh, USA
Prof. C. Ray, USA
Prof. S. Govindraj, USA
Prof. Ashish Sharma, Australia
Dr. R. Jayakumar, Thailand
Prof. Alan Jenkins, UK
Prof. R. K. Maske, Nepal
Prof. Toshio Koike, Japan

National

Sri Arun Kumar Singh, IAS, Principal Secretary
Dr. M. K. Sinha, Chairman, NCA
Dr. V. V. Bhosekar, CWPRS
Sri Indu Bhusha, Advisor, WRD, Bihar
Prof. C.S.P. Ojha, IIT Roorkee
Dr. Sharad Kumar Jain, NIH Roorkee

Prof. N. S. Raghuwansi, NIT Bhopal
Prof. P. L. Patel, NIT Surat
Prof. M. K. Verma, NIT Raipur
Prof. Rajiv Sinha, IIT Kanpur
Prof. Vinod Tare, IIT Kanpur
Prof. P.K. Mohapatra, IIT Gandhinagar
Prof. D. J. Sen, IIT Kharagpur
Prof. V. R. Desai, IIT Kharagpur
Prof. T. Prasad, Ex- NIT Patna
Prof. U. K. Choudhary, Ex- IIT BHU
Prof. A. K. Gosain, IIT Delhi
Prof. P. P. Mujumdar, IISc Bangalore
Prof. Nagesh Kumar, IISc Bangalore
Prof. B. S. Murthy, IIT Madras
Prof. M. C. Deo, IIT Bombay
Prof. Arup Sarma, IIT Guwahati
Dr. Deepak Khare, IIT Roorkee
Dr. M. L. Kansal, IIT Roorkee
Dr. M. K. Goel, NIH Roorkee
Prof. R. Singh, IIT Kharagpur
Prof. M. K. Jha, IIT Kharagpur
Dr. B. Chakraborty, NIH Patna
Prof. T. I. Eldho, IIT Bombay
Prof. B. R. Chahar, IIT Delhi
Prof. A. K. Keshri, IIT Delhi
Prof. K. P. Sudheer, IIT Madras
Prof. Subimal Ghosh, IIT Bombay
Prof. Subhankar Karmakar, IIT Bombay
Prof. V. Jyothiprakash, IIT Bombay
Prof. K. K. Khatua, NIT Rourkela
Prof. C. Chatterjee, IIT Kharagpur
Prof. Rajib Maity, IIT Kharagpur
Prof. Rajesh Srivastava, IIT Kanpur
Prof. P. K. Singh, IIT BHU
Prof. V. K. Dwivedi, NIT Durgapur
Prof. Shakeel Ahmed, NGRI Hyderabad
Prof. A. K. Lohani, NIH Roorkee
Dr. Murlidhar Singh, Chief Engineer, WRD
Dr. R. P. Singh, SAC, ISRO
Prof. S. K. Mishra, IIT Roorkee
Prof. S. Dey, IIT Kharagpur