

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: rjha43@gmail.com
hydro2018international@gmail.com

Web page: www.nitp.ac.in

IMPORTANT DATES

Submission of Extended Abstract: 31st July 2018
Acceptance of Abstract: Poster/Oral 31st August 2018
Submission of full length Paper: 30th September 2018
Final Decision on Paper 31st October. 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

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

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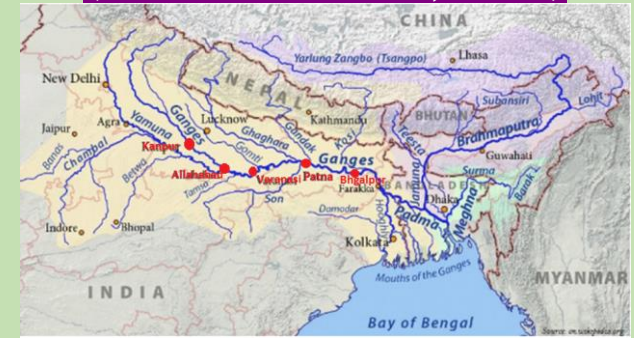
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HYDRO-2018 INTERNATIONAL (Hydraulics, Water Resources and Coastal Engineering)

(December 19-21, 2018)



Organized by
National Institute of Technology Patna,
Bihar, India



In association with



The Indian Society for Hydraulics (ISH), Pune

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-profitery 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**

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