

IAHR Eastern India Young Professionals Network

Our vision and mission

The IAHR Eastern India Young Professionals Network (YPN) is a dynamic community of early-career researchers, practitioners, and students in hydro-environment engineering and water resources. Our network is dedicated to fostering collaboration, professional development, and innovation across Eastern India and beyond.

We aim to build a collaborative platform where young professionals and scholars from academia, industry, government, and NGOs can exchange ideas, insights, and emerging research. Strengthen professional connections by facilitating access to mentorship from seasoned IAHR members and global experts, and by encouraging peer-to-peer support. Also, bridge local and global engagement by serving as a regional node aligned with the broader IAHR Young Professionals Network, enabling joint activities, resource sharing, and international partnerships.

Main goals and key objectives

Provide a platform for young professionals and students to learn from leading thinkers and research groups in hydro-environmental research.

Cover a spectrum of subjects, from river hydraulics to sustainable water management, these sessions bring local and international expertise directly to our members.

Hands-on and interactive training sessions to help build practical skills in data analysis, modelling, and field methods.

Foster a sense of community and open channels of collaboration through regular meet-up and site visits.

Encourage partnerships between institutions, young professionals, and senior researchers to explore regional water challenges through joint initiatives.

Activities during this year

- **Name:** IAHR EI YPN Lecture Series (Lecture 1)
- **Date:** 3rd September, 2025
- **Venue:** Online
- **Objectives:** To inspire and connect early-career professionals, researchers, and students across borders working on GIS, remote sensing applications in the field of water resources.
- **Description:** Dr. Michael Nones, Associate Professor from the Institute of Geophysics Polish Academy of Sciences, delivered an engaging session on "Satellites as a Tool to Depict Source-to-Sink Dynamics."



Dr. Michael Nones
Associate Professor
Hydrology and Hydrodynamics Department
Institute of Geophysics Polish Academy of Sciences
Warsaw, Poland



IAHR EASTERN INDIA YPN LECTURE SERIES
LECTURE ON

SATELLITES AS A TOOL TO DEPICT SOURCE-TO-SINK DYNAMICS

3 September, 2025 | Online
12.30 PM (IST) | 9.00 AM (CET)

Register Here



www.iahr.org/index/committee/150

In Association With
Department of Civil Engineering, IIT (ISM) Dhanbad

- **Name:** IAHR EI YPN Lecture Series (Lecture 2)
- **Date:** 29th October, 2025
- **Venue:** Online
- **Objectives:** Delve into cutting-edge research from the Environmental Fluid Mechanics and Geoprocesses Research Group.
- **Description:** Dr. Valentin Heller, Associate Professor in Hydraulics at the University of Nottingham, delivered a talk on "Modelling and Prediction of Subaerial Landslide-Tsunamis."



Dr. Valentin Heller
Associate Professor in Hydraulics
Environmental Fluid Mechanics and Geoprocesses Research Group
Department of Civil Engineering
University of Nottingham, UK



IAHR EASTERN INDIA YPN LECTURE SERIES
LECTURE ON

MODELLING AND PREDICTION OF SUBAERIAL LANDSLIDE-TSUNAMIS

29 October, 2025 | Online
12:30 PM (IST) | 7:00 AM (GMT)

Register Here



www.iahr.org/index/committee/150

In Association With
Department of Civil Engineering, IIT (ISM) Dhanbad

- **Name:** IAHR EI YPN Lecture Series (Lecture 3)
- **Date:** 2nd December, 2025
- **Venue:** Online
- **Objectives:** To understand the tools and technologies used for river engineering and management practices.
- **Description:** The lecture on "Advanced Methods and Technologies in River Science and Management Practice" was delivered by the distinguished speaker, Dr. Sanjay Giri, Senior Specialist from Haskoning, Netherlands.



Dr. Sanjay Giri
Senior Specialist
Haskoning, Netherlands



IAHR EASTERN INDIA YPN LECTURE SERIES

ADVANCED METHODS AND TECHNOLOGIES IN RIVER SCIENCE AND PRACTICE

2 December, 2025 | Online
10:00 AM (IST)

Register Here



Organizing Team

Dr. Bandita Barman
Assistant Professor
IIT (ISM) Dhanbad
Ravi Kumar Mishra
Ph.D. Scholar
Saundarya Narayan Kashyap
Ph.D. Scholar

www.iahr.org/index/committee/150
iahrviypn@iitism.ac.in

In Association With
Department of Civil Engineering, IIT (ISM) Dhanbad



International Association
for Hydro-Environment
Engineering and Research

Hosted by
Spain Water and IWHR, China



Young
Professionals
Network

Hosted by
Spain Water and IWHR, China

Partnerships and collaboration

Partnerships

Civil Engineering Department, IIT (ISM) Dhanbad, India

Collaboration with other YPNs, associations or organisations

Joint event with IAHR India YPN, IAHR Western India YPN and IAHR Southern India YPN at the 30th International Conference on Hydraulics, Water Resources, River and Coastal Engineering (Hydro International 2025).

Communication channels

Linked In | <https://www.linkedin.com/company/iahr-eastern-india-ypn/>

Website | <https://www.iahr.org/index/committe/143>

Email | iahreiyypn@iitism.ac.in