



XIIth Scientific Assembly of the International Association of Hydrological Sciences (IAHS 2025)

October 05-October 10, 2025 | IIT Roorkee, India



4.2 Oral+ForumOral | Thursday, October 9

S.No.	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
1	IAHS25_ABS_W2378	Groundwater flow system in Tokyo Metropolitan City area Japan	ICT	Plenary Oral (15-minute oral presentation)	Prof. Maki Tsujimura	University of Tsukuba	Japan
2	IAHS25_ABS_X1730	Low-Cost Hydrometry Techniques: A comparative assessment of Lidar- and Radar-Based non-contact hydrometry in mountainous rivers	MOXX I	Plenary Oral (15-minute oral presentation)	Prof. Sumit Sen	IIT Roorkee	India
3	IAHS25_ABS_N5722	On Ancestral Art of Making Dams: Transforming Science into Engaged People	HH	Plenary Oral (15-minute oral presentation)	Prof. Eduardo Mario Mendiondo	University of Sao Paulo	Brazil
4	IAHS25_ABS_A9395	Nano-enhanced bioremediation: a new sustainable solution for emerging contaminants	ICT	Forum Oral (1-minute flash presentation)	Mr. Saurabh Kumar	IIT Roorkee	India
5	IAHS25_ABS_W7960	Sulfur and oxygen isotopes in rivers of Northeastern India: Source partitioning in coal mining areas	ICT	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Vivek Kumar	North-Eastern Hill University	India
6	IAHS25_ABS_C1200	Characterization of groundwater in high bedrock mountains: insights from isotopic and chemical tracers	ICT	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Tianming Huang	Chinese Academy of Sciences	China
7	IAHS25_ABS_Y7963	Rainfall-runoff Processes in a Vegetated Alpine Headwater Catchment in Northern Alps Japan	ICT	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Mayu Fujino	University of Tsukuba	Japan
8	IAHS25_ABS_W5449	Groundwater and Surface Water Cycle System in the Klang and Langat River Watersheds Malaysia	ICT	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Taiga Suzuki	Universtiy of Tsukuba	Japan
9	IAHS25_ABS_U1949	Tracing hydrological processes using d18O-d mixing approach: Estimating snowmelt contribution in river water of Kameng catchment Northeastern Himalaya	ICT	Forum Oral (1-minute flash presentation)	Ms. Madhusmita Nanda	IIT Guwahati	India
10	IAHS25_ABS_Q1371	Seasonal Variations in Nitrogen Loading Processes in Tropical Land Use at the Langat River Basin Malaysia	ICT	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Mayu Ogiya	Shinshu University	Japan



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11	IAHS25_ABS_N3286	Demystifying Water Logging and Groundwater Recharge in Marathwada: Hydrologic Impact Evaluation of Recharge Pits	MOXX I	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Lakshmikantha N R	WELL Labs	India
12	IAHS25_ABS_O5325	ADDRESSING DATA GAPS IN COASTAL TIDAL OBSERVATIONS USING A HYBRID GIS AND PHYSICS-INFORMED NEURAL NETWORK	MOXX I	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Anas A	National Institute of Technology Calicut	India
13	IAHS25_ABS_W2941	Automated riverbank monitoring system: Integration of image-based technologies for erosion and discharge assessment	MOXX I	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Laszlo Bertalan	University of Debrecen	Hungary
14	IAHS25_ABS_N4907	Facing environmental threats in Mediterranean agro-ecosystems: The contribution of the Alento critical zone observatory.	MOXX I	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Nunzio Romano	University of Naples Federico II	Italy
15	IAHS25_ABS_F3263	Advancing river monitoring using image-based techniques: challenges and opportunities	MOXX I	Forum Oral (1-minute flash presentation)	Prof. Salvatore Manfreda	University of Naples Federico II	Italy
16	IAHS25_ABS_T3651	A Cost-Effective Probe for Monitoring Flux Rates at Sediment-Water Interface	MOXX I	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. P Kedarnath Reddy	Indian Institute of Technology	India
17	IAHS25_ABS_E8957	Identification of convective precipitation events through lightning data in a Mediterranean area	MOXX I	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Leonardo Valerio Noto	University of Palermo	Italy
18	IAHS25_ABS_E8266	Enhancing Hydrological Observations for Sustainable Water Management: A Focus on ISMN	MOXX I	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Tunde Olarinoye	International Centre for Water Resources and Global Change	Germany
19	IAHS25_ABS_D8802	Bringing out the logical error in the development of kinematic wave equation	HH	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Muthiah Perumal	IIT Roorkee	India
20	IAHS25_ABS_B4465	Have heat and cold waves intensified over Central India in the recent period?	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Vikas Sudam Gore	IIT Indore	India
21	IAHS25_ABS_N8595	Exploring the Linkages between Heatwaves and Droughts in the Upper Chambal Basin	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Harshvardhan Solanki	IIT Indore	India