



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

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



3.1 Oral+ForumOral | Wednesday, October 8

S.No.	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
1	IAHS25_ABS_Y1967	Wasted Years: Evaluating the time-effectiveness of top-down versus bottom-up approaches during development of an operational flood forecast model for Denmark	ICSW	Plenary Oral (15-minute oral presentation)	Dr. Conrad Brendel	Swedish Meteorological and Hydrological Institute	Sweden
2	IAHS25_ABS_S9767	Hydrologic drought-to-flood transitions in India	ICSW	Plenary Oral (15-minute oral presentation)	Dr. Pankaj Dey	IIT Roorkee	India
3	IAHS25_ABS_J8058	PASSing the Test: Improving Hydrological Modelling for Brazil's Ungauged Catchments	ICSW	Plenary Oral (15-minute oral presentation)	Prof. Ralf Merz	Helmholtz Centre for Environmental Research UFZ	Germany
4	IAHS25_ABS_Q5290	Evaluating the spatiotemporal variations in the streamflow drought characteristics in the Godavari River Basin	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Meghomala Ghosal	Indian Institute of Science Education and Research Bhopal	India
5	IAHS25_ABS_L8960	Impact of human activities on altering flood characteristics in the Godavari River Basin	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Shreejit Pandey	Indian Institute of Science Education and Research Bhopal	India
6	IAHS25_ABS_K3682	Hydrological validation of Satellite Precipitation Products in Upper Beas basin	ICSW	Forum Oral (1-minute flash presentation)	Ms. ANUSHA SOMISETTY	IIT Roorkee	India
7	IAHS25_ABS_S9669	Development and Evaluation of Impact-Based Flood Forecasting in India	ICSW	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Ali Mashhadi	UK Centre for Ecology & Hydrology (UKCEH)	United Kingdom
8	IAHS25_ABS_F6627	Impact of Prescribed Burn on Suspended Sediment Concentration and Discharge: Learning from California's Oak Woodland	ICSW	Forum Oral (1-minute flash presentation)	Prof. Aliva Nanda	IIT Mandi	India
9	IAHS25_ABS_D3683	Reconstruction of historical flow duration curves using reanalysis data	ICSW	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Soumyaranjan Sahoo	National Institute of Hydrology Roorkee	India



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10	IAHS25_ABS_S8116	Can Blended Models Offer a Better Approach to Streamflow Prediction? A large sample study	ICSW	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. DANETI ARUN SOURYA	IIT Hyderabad	India
11	IAHS25_ABS_Y5888	How does a higher density of small water reservoirs affect catchment hydrology?	ICSW	Forum Oral (1-minute flash presentation)	Dr. Vaclav David	Faculty of Civil Engineering Czech Technical University in Prague	Czech Republic
12	IAHS25_ABS_T3590	Assessing the Temporal-Spatial Stability of Cross-Section Mean Flow Velocity in Small and Large Rivers	ICSW	Forum Oral (1-minute flash presentation)	Dr. Tommaso Moramarco	Research Institute for Geo-Hydrological Protection	Italy
13	IAHS25_ABS_T9434	Declining Water Storage in Small and Medium Inland Waterbodies of Chennai: Implications for Mitigating Flood Risks	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Ankit Sharma	IIT Roorkee	India
14	IAHS25_ABS_G5316	Performance Evaluation of Seven Combination Techniques Applied on Nine Rainfall-Runoff Models for Water-Availability Assessment	ICSW	Forum Oral (1-minute flash presentation)	Prof. MONOMOY GOSWAMI	Central Institute of Technology Kokrajhar	India
15	IAHS25_ABS_W9049	Time of Concentration: A Key Parameter for Urban Drainage System Modeling and Flood Management	ICSW	Forum Oral (1-minute flash presentation)	Dr. Deepak Singh Bisht	National Institute of Hydrology Roorkee	India
16	IAHS25_ABS_B1672	The inflow of river waters into the seas of the Russian Arctic and its long-term and intra-annual natural and anthropogenic changes	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Dmitry MAGRITSKII	Lomonosov Moscow State University	Russian Federation
17	IAHS25_ABS_O9156	Cascading Hazards of a Wildfire in the Tropical Rwenzori Mountains	ICSW	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Ms. Martha Day	Imperial College London	United Kingdom
18	IAHS25_ABS_I5160	Water security indicators on a climate change scenario and implications for sustainable surface water management	ICSW	Forum Oral (1-minute flash presentation)	Mr. Pedro Silva	University of São Paulo	Brazil
19	IAHS25_ABS_Q9520	A review on instrumentations for hydrological measurements: Current status and way forward	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Vijaya Lakshmanan S	IIT Roorkee	India



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20	IAHS25_ABS_K3599	Development of A Novel Approach for Studying Landslides Under Current and Future Rainfall Conditions	ICSW	Forum Oral (1-minute flash presentation)	Mr. Mani Kanta Malla	IIT Roorkee	India