

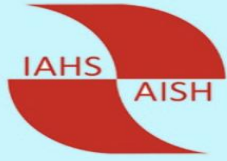
# XII<sup>th</sup> Scientific Assembly of the International Association of Hydrological Sciences (IAHS 2025)

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



## 2.3 Oral+ForumOral | Tuesday, October 7

S.No.	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
1	IAHS25_ABS_B5630	Global-Scale Uncertainties in Hydrologic Modeling: The Role of Precipitation and Temperature Forcings	HT1	Plenary Oral (15-minute oral presentation)	Prof. Guoqiang Tang	Wuhan University	China
2	IAHS25_ABS_U9118	A global dataset of near-natural basins for climate change detection - ROBIN	HT1	Plenary Oral (15-minute oral presentation)	Mr. Stephen Turner	UK Centre for Ecology & Hydrology	United Kingdom
3	IAHS25_ABS_F2067	Co-creating Water Knowledge: a community perspective for the IAHS HELPING Decade	HELPING theme 3	Plenary Oral (15-minute oral presentation)	Dr. Giulio Castelli	University of Florence	Italy
4	IAHS25_ABS_X3930	CAMELS-IND: hydrometeorological time series and catchment attributes for 472 catchments in Peninsular India	HT1	Forum Oral (1-minute flash presentation)	Prof. Ashutosh Sharma	IIT Roorkee	India
5	IAHS25_ABS_X8092	Research on Intelligent Monitoring and Sensing of Water Resources in Inland River Source Areas	HT1	Forum Oral (1-minute flash presentation)	Prof. Hailong Liu	University of Electronic Science and Technology of China	China
6	IAHS25_ABS_B6709	Establishing an operational Flood Early Warning System in Zambia	HT1	Forum Oral (1-minute flash presentation)	Dr. Suman Kumar Padhee	International Water Management Institute	India
7	IAHS25_ABS_R7416	Assessing the Impacts of Landscape Change on Riverine Ecosystem Services in the Upper Beas Catchment	HT1	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Prakhar Sharma	IIT Roorkee	India
8	IAHS25_ABS_Q3103	Global Assessment of the Ecohydrology of the World's Water Towers	HT1	Forum Oral (1-minute flash presentation)	Prof. Giovanni Mosquera	Pontificia Universidad Católica del Perú (PUCP)	Peru
9	IAHS25_ABS_F5409	Integrated simulation server for the Aral Sea Ecological Restoration Solution	HT1	Forum Oral (1-minute flash presentation)	Prof. Tie Liu	Zhejiang University of Technology	China
10	IAHS25_ABS_D5991	Vegetation Response to Soil Moisture Drought: Regional Variations and Contrasts Across Different Descriptors	HT1	Forum Oral (1-minute flash presentation)	Mr. Amitesh Gupta	IIT Bombay	India
11	IAHS25_ABS_J6579	Investigation of Characteristics Drivers And Predictability of Compound Dry and Hot Extremes	HT1	Forum Oral (1-minute flash presentation)	Prof. Ankit Agarwal	IIT Roorkee	India
12	IAHS25_ABS_P3799	Landholders leverage over moisture flows and forest resilience in South America	HT1	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Chandrakant Singh	Chalmers University of Technology	Sweden
13	IAHS25_ABS_S2772	When rivers dry out: an intermittency analysis for Central Europe	HT1	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Eva Paton	Technical University of Berlin	Germany
14	IAHS25_ABS_B4930	CASCADE-3C: Collaborative Climate Change Risk and Adaptation	HT1	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Prof. Jamil Alexandre Ayach Anache	São Carlos School of Engineering, University of São Paulo	Brazil
15	IAHS25_ABS_G4215	Deep Learning-Based Approach for Daily Streamflow Prediction in Watersheds With Aggregated and Intermittent Observations	HT1	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Nikunj K Mangukiya	IIT Roorkee	India
16	IAHS25_ABS_J8732	Optimizing raingarden performance with smart low-cost sensor networks	HT1	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Carola Marella	University of Brescia	Italy



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17	IAHS25_ABS_S1355	Balancing Productivity and Climate Impact: Quantifying the Climate-Smart Potential of Irrigation Practices	HT1	Forum Oral (1-minute flash presentation)	Dr. SHASHANK KUMAR ANAND	Texas A&M University	United States
18	IAHS25_ABS_H4634	Participatory pseudo-quantification of the effects of citizen-led adaptation on household flood risk in Tamale Ghana	HELPING theme 3	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Ben Christopher Howard	Imperial College London	United Kingdom
19	IAHS25_ABS_T3934	How Can the IAHSâ€™ Digital Water Globe Enhance Research Visibility and Improve Network Connectivity in a Society Under Transformation?	HELPING theme 3	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Prof. Eduardo Mario Mendiõdo	University of Sao Paulo	Brazil
20	IAHS25_ABS_X7284	Science Communication in HELPING - A Community Perspective on Common Challenges and Best-Practice Solutions	HELPING theme 3	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Christina Anna Orieschnig	Institut de Recherche pour le D�veloppement	France
21	IAHS25_ABS_L6450	A Framework for Assessing Water Resource Vulnerability and Coping Capacity	HELPING theme 3	Forum Oral (1-minute flash presentation)	Prof. Amir AghaKouchak	University of California Irvine	United States
22	IAHS25_ABS_W6250	Engaging agronomists in hydrology or hydrologists in agronomy?	HELPING theme 3	Forum Oral (1-minute flash presentation)	Dr. Rafael Ignacio Navas	CENUR - Litoral Norte	Uruguay
23	IAHS25_ABS_T2101	Fair Water â€™ management of floods and droughts through collaboration and co-creation	HELPING theme 3	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Prof. Berit Arheimer	Swedish Meteorological and Hydrological institute (SMHI)	Sweden