



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

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



1.5 Poster | Monday, October 6

S.No.	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
1	IAHS25_ABS_M3940	Atmospheric Moisture Budget and Its variability over the Indian Subcontinent	ICRS	Poster	Mr. Ranjan Kumar	IIT Kharagpur	India
2	IAHS25_ABS_H8524	Climatic shift and human activities have resulted in a loss of 40 Gt water storage from the Helmand River basin over the last two decades	ICRS	Poster	Dr. Bramha Dutt Vishwakarma	Indian Institute of Science	India
3	IAHS25_ABS_J2678	Satellite- based Flood detection in Arid regions using Sentinel-1 Synthetic Aperture RADAR	ICRS	Poster with Video-Interview (Poster and 3-minute video interview)	Mr. Shagun Garg	University of Cambridge	United Kingdom
4	IAHS25_ABS_J3669	A New Approach for Enhancing Reservoir Surface Water Mapping Using SAR-Assisted Correction of Cloud-Contaminated Optical Scenes	ICRS	Poster	Mr. Sparsh Shekhar	IIT Bombay	India
5	IAHS25_ABS_E8891	Deep Learning based Quantitative Precipitation Estimation using Dual-Polarization Remote Sensing Radar over Widely Varying Climate Zones	ICRS	Poster	Mr. EunYeol Kim	Colorado State University	United States
6	IAHS25_ABS_S8142	Mapping Irrigation Quantities in Indian Rice Fields Using MODIS and GPM Datasets	ICRS	Poster with Video-Interview (Poster and 3-minute video interview)	Mr. Mukund Narayanan	IIT Roorkee	India
7	IAHS25_ABS_W5707	Evaluating the Performance of Satellite-Derived Precipitation and Reanalysis-Based Potential Evapotranspiration in Streamflow Estimation Across Diverse Climatic Zones	ICRS	Poster	Mrs. Greeshma B Nair	IIT Bombay	India
8	IAHS25_ABS_D9283	Exploring Differences in Soil Moisture Selection Maps: A Comparison of Triple Collocation and Mutual Information Methods Across Climates and Land Covers	ICRS	Poster	Mrs. Diksha Gupta	IIT Delhi	India
9	IAHS25_ABS_R3115	Integrating Multi-Temporal Optical and SAR Data for Large-Scale Flood Monitoring in a Monsoonal River Basin: A Case Study from Northern India	ICRS	Poster	Mr. Shobhit Singh	IIT Kanpur	India
10	IAHS25_ABS_X3756	Identification of Groundwater Potential Zone in Lower Gangetic plain	ICRS	Poster	Ms. Srijita Ghosh	IIT Madras	India
11	IAHS25_ABS_W3180	Evaluation of error components in SM2RAIN precipitation products over an Indian coastal state	ICRS	Poster	Dr. Yellamelli Ramji Satyaji Rao	National Institute of Hydrology Roorkee	India
12	IAHS25_ABS_G7193	Hydrogeological Controls on Land Subsidence in the Central Ganga Basin: A Case Study from Lucknow	ICRS	Poster	Mr. Shivprasad Panditrao More	CSIR-North East Institute of Science and Technology	India



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

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



1.5 Poster | Monday, October 6

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13	IAHS25_ABS_L2341	ASSESSMENT OF TERRESTRIAL WATER STORAGE DISTRIBUTION OF THE GANGES RIVER BASIN OF INDIA USING GRACE GLDAS AND TRMM	ICRS	Poster	Dr. Anirban Mukhopadhyay	Kazimierz Wielki University	India
14	IAHS25_ABS_S7726	Groundwater potential zones mapping for Natural Springs: A Geospatial and AHP-Based Study in Manadunga Village Champawat District Uttarakhand	ICRS	Poster	Mr. Rohan Singh Bhakuni	PASS Foundation	India
15	IAHS25_ABS_P5046	Sediment transport modelling in a mining impacted ephemeral Himalayan River	ICRS	Poster	Ms. Moumita Akuria	IIT Kanpur	India
16	IAHS25_ABS_C3592	Evaluating Large-Scale Recycling of Treated Municipal Wastewater to Address Water Scarcity in Karnataka's Arid Regions Using Earth Observation	ICRS	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Ashish Kumar	Ashoka Trust for Research in Ecology and the Environment (ATREE)	India
17	IAHS25_ABS_Q1968	Flood inundation mapping and damage assessment: A comparison between Sentinel-1 derived flood extent and large-scale hydrological model derived extent	ICRS	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Gaurav Tripathi	Indian Institute of Technology	India
18	IAHS25_ABS_L2422	Beyond Visible Rivers: Integration of RCM SAR Imagery and Machine Learning for Streamflow Estimation in Remote and Data Limited Riverine Systems	ICRS	Poster with Video-Interview (Poster and 3-minute video interview)	Prof. Tirupati Bolisetti	University of Windsor	Canada
19	IAHS25_ABS_J5797	Permafrost Dynamics in Himachal Pradesh using Integrated PS and SBAS InSAR Approach	ICRS	Poster with Video-Interview (Poster and 3-minute video interview)	Mr. Ajay Kumar	IIT Bombay	India
20	IAHS25_ABS_R6168	The Application and Assessment of Satellite based remotely sensed Rainfall Data in the ACRU Hydrological Model: Case study in selected catchments in South Africa	ICRS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Kershani Chetty	University of KwaZulu-Natal	South Africa
21	IAHS25_ABS_M2037	Burnt Area Mapping and Greenhouse Gases Emissions Monitoring in Agricultural Landscape	ICRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Ayush Kumar	IIT Roorkee	India
22	IAHS25_ABS_E5891	A rapid assessment of Water Hyacinth mapping in India	ICRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Arpan Dawn	National Institute of Technology Durgapur	India
23	IAHS25_ABS_H2436	Soil Loss Estimation of watershed in eastern Himalayan region of Sikkim.	ICRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Ankit Verma	Acharya Narendra Deva University of agriculture and technology Ayodhya UP	India



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

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



1.5 Poster | Monday, October 6

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24	IAHS25_ABS_Q3486	Flood Extent Delineation: Combining Unconventional Remote Sensing and Geospatial Technology with HAND Hydrogeomorphic Approach	ICRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Rajeev Ranjan	Indian Institute of Technology	India
25	IAHS25_ABS_G4872	Mapping and assessing the impacts of crop-weed competition in neglected and underutilized crops	ICRS	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Maqsooda Mahomed	University of KwaZulu-Natal	South Africa
26	IAHS25_ABS_O7943	Performance Assessment of IMERG Precipitation Estimates Using MESONET Data in Mumbai	ICRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Yashraj Nagraj Upase	IIT Hyderabad	India
27	IAHS25_ABS_M7277	A Comparative Analysis of Advanced Machine Learning Techniques for Accurate Groundwater Potential Zone Mapping in Haryana India.	ICRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Shubham Bhagat	Indian Institute of Science Education and Research Mohali	India
28	IAHS25_ABS_M3814	Machine Learning for Multi-Hazard Susceptibility in Kenya: Integrating Earth Observation and Reported Events	ICRS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Sneha Kour	Birla Institute of Technology Mesra	India
29	IAHS25_ABS_D2349	Insights into the Agricultural Drought Assessment: A Case Study from Odisha Using Google Earth Engine	ICRS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Anuva Chowdhury	Birla Institute of Technology Mesra	India
30	IAHS25_ABS_Q6020	Utility of contextual remote sensing models for mapping evapotranspiration over large areas	ICRS	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Eswar Rajasekaran	IIT Bombay	India
31	IAHS25_ABS_O4714	Water Extent and Water Level Dynamics of a Tropical Large Hydropower Reservoir for Sustainable Water Management	ICRS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Archita Mallick	IIT Roorkee	India
32	IAHS25_ABS_M6997	Monitoring of wheat crop and its phenology pattern using UAV Multispectral data	ICRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Adwait ADWAIT	Shiv Nadar Institute of Eminence	India
33	IAHS25_ABS_L9020	Machine Learning-Integrated InSAR Analysis for Land Deformation Study in Jodhpur City Using Sentinel-1 SAR and GRACE TWS Data	ICRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Surender Pal	National Institute of Hydrology Roorkee	India
34	IAHS25_ABS_E8385	Enhancing soil moisture and vegetation optical depth retrievals through improved surface roughness parameterization for the upcoming CIMR satellite mission	ICRS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Debolina Mondal	IIT Bombay	India



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

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



1.5 Poster | Monday, October 6

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35	IAHS25_ABS_P9325	Estimation of Evapotranspiration Using the S-SEBI Model and Landsat-9 Data over Asan Barrage	ICRS	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Ms. AYUSHI BHATI	Indian Institute of Remote Sensing	India
36	IAHS25_ABS_M3582	Recent progress and future opportunities in monitoring evapotranspiration from High Resolution Thermal InfraRed Remote Sensing in the context of the TRISHNA LSTM and SBG satellite missions	ICRS	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Gilles Boulet	CESBIO (Univ Toulouse 3 Paul Sabatier Univ Toulouse CNES/IRD/CNRS/INRA E) and IFCWS Indian Institute of Science	India
37	IAHS25_ABS_C1713	Unveiling Methane Concentration Patterns over Wastewater Treatment Plants in Indian Cities Using NDCI and Sentinel-5P TROPOMI Data (2019-2024)	ICRS	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Ravi Kant	IIT Roorkee	India
38	IAHS25_ABS_B6410	Estimating river bathymetry from spaceborne LiDAR data and curve-fitting method	ICRS	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Pankaj Ramji Dhote	Indian Institute of Remote Sensing, ISRO Dehradun	India
39	IAHS25_ABS_S1352	Water quality assessment of shallow oxbows in the Jaldhaka Floodplain India	ICWQ	Poster	Mr. Dinabandhu Barman	Presidency University Kolkata	India
40	IAHS25_ABS_G6270	Analyzing the Correlation Between Total Suspended Solids (TSS) and Turbidity in the Kemena River Basin (2018-2022)	ICWQ	Poster	Ms. Yusra Shabir	Universiti Putra Malaysia	Malaysia
41	IAHS25_ABS_L8332	A Chaotic Dynamic Approach for Prediction of Dissolved Oxygen	ICWQ	Poster	Ms. Sakshi Dnyaneshwar Dhumale	IIT Bombay	India
42	IAHS25_ABS_S8441	Increasing wastewater pressure on rivers in New Moscow area	ICWQ	Poster	Ms. Uliana Romanova	M. V. Lomonosov Moscow State University	Russian Federation
43	IAHS25_ABS_T1963	Accessing and controlling irrigation water quality: A smart bioremediation approach	ICWQ	Poster	Mr. ASHISH MADHUKAR JADHAV	ICAR - Indian Institute of Water Management	India



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

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



1.5 Poster | Monday, October 6

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44	IAHS25_ABS_J3615	Assessing the Impact of Water Quality Parameters on Food Security in the Vietnamese Mekong Delta	ICWQ	Poster	Ms. SREEJITA BANERJEE	Asian Institute of Technology	Thailand
45	IAHS25_ABS_H5015	Interconnected Carbon Systems: Dissolved Organic and Inorganic Carbon in River and Groundwater of a Delta	ICWQ	Poster with Video-Interview (Poster and 3-minute video interview)	Prof. Elango Lakshmanan	IIT Madras	India
46	IAHS25_ABS_C2873	Understanding the roles of climate change land use and land cover change and water diversion project in modulating water- and carbon-use efficiency in Han River Basin	ICWQ	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Dedi Liu	Wuhan university	China
47	IAHS25_ABS_F9890	Identifying and overcoming limitations of open-source surface water quality datasets of India	ICWQ	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Bihu Suchetana	IIT Roorkee	India
48	IAHS25_ABS_N7605	Comprehensive Water Management: Quality Monitoring Fate Assessment and Nano-enabled Remediation for Sustainable Solutions	ICWQ	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Nitin Khandelwal	IIT Roorkee	India
49	IAHS25_ABS_E2314	Anthropogenic changes of heatwave-extreme precipitation events have emerged from the natural climate variability	ICWQ	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Jie Chen	Wuhan University	China
50	IAHS25_ABS_W6469	Emerging organic compounds in surface and groundwater reflect the urban dynamics in sub-Saharan cities	ICWQ	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Boris Djieugoue	University of Douala	Cameroon
51	IAHS25_ABS_D8089	Post Monsoon Water Quality Assessment of Water Sources of Bhopal City Using Artificial Intelligence and Machine Learning Tools: A New Insight	ICWQ	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Prof. Prashant Pandey	Lakshmi Narain College of Technology (LNCT University), Bhopal	India
52	IAHS25_ABS_U9413	Hydro-Chemical Characterization of Middle Zarafshan River Basin Using Geospatial Technology	ICWQ	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Ms. Shakhnoza Shavkatovna Khudoyarova	Samarkand state university named after Sharof Rashidov	Uzbekistan



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

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



1.5 Poster | Monday, October 6

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53	IAHS25_ABS_A2552	WISE: a watershed-scale carbon budget calculator	ICWQ	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Prof. Junzhi Liu	Lanzhou University	China
54	IAHS25_ABS_A9368	Evaluating Water Quality of the Ganga River: Integrating Satellite Data and In-Situ Measurements	ICWQ	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Abhay Masiwal	Indian Institute of Remote Sensing	India
55	IAHS25_ABS_K2994	Fate of organo-arsenic compounds in the environment	ICWQ	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Spandan Naskar	IIT Roorkee	India
56	IAHS25_ABS_A5687	Arsenic Contamination and its Health Ramification in a village of Buxar District Bihar	ICWQ	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Asrarul Haque Jeelani	Jamia Millia Islamia	India
57	IAHS25_ABS_E8203	A Novel High-Resolution Flood Hazard Model for India: Integrating Reanalysis Data with Hydrodynamic Simulations	CANDHY	Poster	Mr. Hrishikesh Singh	IIT Roorkee	India
58	IAHS25_ABS_A8802	Integrating knowledge systems in flood-risk modelling for sustainable solid waste management and flood resilience in urban informal settlements in KwaZulu-Natal South Africa	CANDHY	Poster	Dr. Katelyn Johnson	Stellenbosch University	South Africa
59	IAHS25_ABS_R3169	Distributed databases for data sovereignty in hydrological citizen sciences ?? ?????? ?? ?????? ?????? ?? ?????????	CANDHY	Poster with Video-Interview (Poster and 3-minute video interview)	Mr. Julien Jean Malard Adam	IRD	France
60	IAHS25_ABS_B9679	Optimal siting of multipurpose artificial reservoirs with a participatory multi-criteria decision making	CANDHY	Poster with Video-Interview (Poster and 3-minute video interview)	Prof. Fabio Castelli	University of Florence	Italy



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

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



1.5 Poster | Monday, October 6

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61	IAHS25_ABS_H5871	Identifying potential sources of debris flow: Relooking flash floods from a novel perspective	CANDHY	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Arkaprabha Sarkar	National Institute of Disaster Management	India
62	IAHS25_ABS_C9367	Experiences of citizen science and co-creation in soil hydrology and health within the activities of the Italian chapter of the LOESS project	CANDHY	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Marco Peli	University of Brescia	Italy
63	IAHS25_ABS_R7669	Adsorption and Release Behaviour of Herbicide 2 4-Dichlorophenoxyacetic Acid by High Surface Area Polymeric Adsorbent	ICWQ	Poster	Ms. Tanya Gupta	IIT Roorkee	India
64	IAHS25_ABS_T1544	Spatial prediction of groundwater spring potential mapping using hybrid ML and DL techniques and metaheuristic optimization in the Himalayan region	ICRS	Poster	Mr. Praveen Kumar	IIT Roorkee	India
65	IAHS25_ABS_G1983	Fields on fire: remote sensing and data-driven modelling reveal impacts of crop residue burning on soil nutrients	ICRS	Poster	Ms. Jayantifull Hoojon	IIT Roorkee	India
66	IAHS25_ABS_R2371	Long term river discharge simulation by an integrated hydrologic model in Kyusyu Island Japan	HELPING theme 2	Poster	Dr. Kazuaki Yorozu	Disaster Prevention Research Institute	Japan
67	IAHS25_ABS_Y7324	Carrying Capacity: Concept and Estimation for Basin Scale	HELPING theme 2	Poster with Video-Interview (Poster and 3-minute video interview)	Mr. Suraj Damaji Gudale	BAIF Organization	India
68	IAHS25_ABS_Y2274	Global River Basin Classification Framework Based on Water Security Metrics	HELPING theme 2	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. T R Sreeshna	IIT Delhi	India
69	IAHS25_ABS_D8697	Leveraging Web GIS for a Systematic Review on Applications of InVEST Models in Ecosystem Services and Water Security Management	HELPING theme 2	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Prathibha Prakash	IIT Roorkee	India



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

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



1.5 Poster | Monday, October 6

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70	IAHS25_ABS_P1339	HyPeak: A science-policy network to promote sustainable hydropeaking	HELPING theme 2	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Gabriele Chiogna	Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU)	Germany
71	IAHS25_ABS_S6353	Optimization of Crop Patterns at a Regional Scale Using Metaheuristics Algorithms	HELPING theme 2	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Ankita Kumari	IIT (ISM) Dhanbad India	India
72	IAHS25_ABS_F6381	DETECTING CHANGES IN THE ONSET OF MONSOONS IN SRI LANKA	HELPING theme 2	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Nilupul Gunasekara	General Sir John Kotelawala Defence University	Sri Lanka
73	IAHS25_ABS_S1055	Building resilience to urban floods through nature based solutions	HELPING theme 2	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Priyanka Jamwal	Ashoka Trust for Research in Ecology and the environment	India
74	IAHS25_ABS_P5650	Informing the trenches: Rainfall simulation experiments in Himalayas to Hydrologically inform Water Conservation Structure designs	HELPING theme 2	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Ashvath Singh Kunadi	Aalto University	Finland
75	IAHS25_ABS_N6820	Linking Hydrological data uncertainty and equitable procedures in water reallocation planning in South Africa.	UPH	Poster with Video-Interview (Poster and 3-minute video interview)	Mr. Sinetemba Xoxo	Rhodes University	South Africa
76	IAHS25_ABS_Y9410	Hydrological Modeling for the Himalayan Alaknanda River Basin	UPH	Poster	Mr. Chander Kant	IIT Roorkee	India
77	IAHS25_ABS_G4039	Quantifying the Influence of Land-Use/Cover and Geomorphic Changes on Extreme Runoff: Implications for Infrastructure Planning	UPH	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Sanjaykumar Madhusudan Yadav	Sardar Vallabhbhai National Institute of Technology(SVNIT) Surat	India



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

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



1.5 Poster | Monday, October 6

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78	IAHS25_ABS_D5763	Climate Change Effects on the Kimani Catchment: Implications for the Usangu Wetland	UPH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Augustina Clara Alexander	University of Dar es Salaam	Tanzania
79	IAHS25_ABS_M9540	Impact of reservoir storage on upstream-downstream drought propagation in a semi-arid catchment in India	UPH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. AJAY GUPTA	IIT Roorkee & University of Birmingham	India
80	IAHS25_ABS_R1001	Harnessing Kalman Filter to Reduce Uncertainties in Evapotranspiration and Achieve Water Budget Closure at Global Scale	UPH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Shubham Goswami	Indian Institute of Science	India
81	IAHS25_ABS_W1324	Nonlinear Covariate-based Framework for Non-stationary Flood Frequency Analysis in the Context of Climate Change	UPH	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Vinnarasi Rajendran	IIT Roorkee	India
82	IAHS25_ABS_I8848	Assumption hunting: To what extent are global irrigation models supported by empirical information?	UPH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Seth Nathaniel Linga	University of Birmingham	United Kingdom
83	IAHS25_ABS_B9226	Coupling of a Mechanistic Soil Hydrological Model and a Dynamic Vegetation Growth Model	UPH	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Sruthi Surendran	IIT Palakkad	India
84	IAHS25_ABS_T1157	Hydrological compartments in hillslope catchments : A Case Study of Kaddam reservoir catchment	UPH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. VAMSHI RAJ RAJ MALA	IIT Hyderabad & Irrigation and CAD Department Telangana	India
85	IAHS25_ABS_I8237	Building Climate Resilience: An Interdisciplinary Approach to Uncertainty Analysis of Extreme Events in South Africa	UPH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Djanna Koubodana Houteta	Climate System Analysis Group University of Cape Town	South Africa
86	IAHS25_ABS_S7763	Hydrological functioning of Oak and Pine forested catchments: Water availability and fluxes	UPH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Denzil Daniel	IIT Roorkee	India



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

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



1.5 Poster | Monday, October 6

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87	IAHS25_ABS_W4296	Analysis of clusters of Hydrological Extremes in the Amazon River Basin	UPH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Manish Kumar	IHE Delft - Institute for Water Education	India
88	IAHS25_ABS_R8950	Migration and Urban Dynamics Globally and in the Indian Himalayan Region	UPH	Poster	Ms. Sakshi Goyal	IIT Roorkee	India
89	IAHS25_ABS_F3932	Modelling Water-Energy-Food Nexus Dynamics for Integrated Resource Management	HELPING theme 2	Poster	Mr. Aditya Narayan Sharma	IIT Bombay	India
90	IAHS25_ABS_O5716	Evaluation of Remote Sensing-based ET products in a Semi-arid River basin of Rajasthan India	ICRS	Poster with Video-Interview (Poster and 3-minute video interview)	Ms. Vamika Sharma	National Institute of Hydrology, Roorkee	India
91	IAHS25_ABS_L9868	Reconstruction of Satellite Soil Moisture Series using Physical Processes	ICRS	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Jhilam Sinha	IIT Roorkee	India
92	IAHS25_ABS_X9118	Seasonal drought impact-based forecasting of crop yield in India	HELPING theme 2	Poster with Video-Interview (Poster and 3-minute video interview)	Ms. Anastasiya Shyrokaya	Uppsala University	Sweden
93	IAHS25_ABS_I7473	RESTART'in: Understanding the similarities and differences in flood and drought processes and management at varying spatial and temporal scales in India and the Netherlands	HELPING theme 2	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Joao Nunes	Wageningen University and Research	Netherlands
94	IAHS25_ABS_X5685	Strengthening Desertification Policies through Participatory Approaches and Local Knowledge in Water Management	HELPING theme 2	Poster	Dr. Rodolfo Nobrega	University of Bristol	United Kingdom
95	IAHS25_ABS_M2182	Investigating Groundwater Fluxes Across Coastal Boundaries: A Numerical Study of Submarine Groundwater Discharge Under Tidal Forcing and Density-Driven Flow	UPH	Poster with Video-Interview (Poster and 3-minute video interview)	Ms. Shruti Jain	IIT Delhi	India
96	IAHS25_ABS_I6479	Evaluation of Infiltration Processes to Reduce Uncertainties in the HEC-HMS Model for Poorly Gauged Watersheds	UPH	Poster	Prof. Marina Batalini De Macedo	Federal University of Itajuba	Brazil



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

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



1.5 Poster | Monday, October 6

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97	IAHS25_ABS_B3640	Assessing the Impact of Physiochemical parameters on micro-plastic movement through Porous media.	ICWQ	Poster	Ms. Anjali Bhagwat	NIH Roorkee	India
98	IAHS25_ABS_S5641	Isotopic and Geochemical Characterization of Water Contamination in and Around an Abandoned Mine in the Northern Singrauli Coalfield India	ICWQ	Poster with Video-Interview (Poster and 3-minute video interview)	Mr. Raju Rai	Banaras Hindu University	India
99	IAHS25_ABS_V7398	Waste to Worth: Eco-friendly remediation for removal of synthetic dyes pharmaceuticals and toxic metals using carbonaceous absorbents derived from sewage sludge waste	ICWQ	Poster	Ms. Akanksha Foujdar Akanksha Foujdar	IIT Roorkee	India
100	IAHS25_ABS_A9225	HyEco: An Integrated Hydrodynamicâ€œEcological Model to Quantify Human Health Risks from Contaminated Floodwaters in Climate-Sensitive Urban Megacities	ICWQ	Poster	Mr. Rahul Deopa	IIT Roorkee	India