



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

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



Program Schedule

Timing	Sunday, October 5	Monday, October 6	Tuesday, October 7	Wednesday, October 8	Thursday, October 9	Friday, October 10
09.00 - 10.30		1.1 Opening Ceremony (from 8.30am)	2.1 Oral+ForumOral	3.1 Oral+ForumOral	4.1 Stockholm Water Prize laureates Session (from 8.45 am)	5.1 Oral+ForumOral
10.30 - 11.00		Chai break				
11.00 - 12.30		1.2 Oral+ForumOral	2.2 Oral+ForumOral	3.2 Oral+ForumOral	4.2 Oral+ForumOral	5.2 Poster
12.30 - 13.30		Lunch break SYSTA Lunch (On Monday for SYSTA Awardees)				
13.30 - 15.00		1.3 Oral+ForumOral	2.3 Oral+ForumOral	3.3 Oral+ForumOral	4.3 Oral+ForumOral	5.3 Oral
15.00 - 15.30	Registration	Chai break				
15.30 - 16.30	Registration	1.4 Oral+ForumOral	2.4 Oral+ForumOral	3.4 Poster	4.4 Oral+ForumOral	5.4 Oral
16.30 - 18.00	Registration	1.5 Poster	2.5 Poster	3.5 IAHS AWARDS (from 16.00)	4.5 Poster	5.5 Closing Ceremony
		SOCIAL EVENTS				
18.00 - 19.30	Ice Breaking Food & Drinks	TBA	Science for Solution PANEL SESSION (from 17.00) IAHS Agora (from 18.00)	TBA	TBA	TBA
19.30 - 22.00			Buffet Dinner		Social Dinner	

Side Events

Event Title	Date (Day1)	Timing (IST)	Date (Day 2)	Timing (IST)	Participation Type
HSJ Editors' Retreat 2025	Sunday, October 5	12:00 - 16:00	Monday, October 6	17:30 - 19:30	Only for HSJ Editors (by invitation only)
IAHS ECC & YHS India workshops for Early Career Researchers in Hydrology	Sunday, October 5	15:00 -17:00	Saturday, October 11	11:00 - 12:00	Open for all
Co-Creating Water Knowledge - Working Group Meeting	Sunday, October 5	10:00 - 15:00	Monday, October 6	15:30 - 17:00	Open for all
Hydrological Modelling for a Resilient Future: Innovations at the Water-Climate Nexus	Sunday, October 5	15:00 - 18:00			Open for all
SYSTA Lunch	Monday, October 6	12:30 - 13:30			Only for SYSTA Awardees (by invitation only)
ROBIN: Reference Observatory of Basins for International hydrological climate change detection	Monday, October 6	18:00 - 19:30			Open for all
Advancing in situ Soil Moisture Monitoring and Utilization through Innovation and Community Building	Monday, October 6	16:00 - 18:00			Open for all
Cool Tools for Research: What's Useful, What's Next	Monday, October 6	17:30 - 19:30			Open for all
Inter-continental comparison of current drought impacts and drought research approaches	Monday, October 6	17:30 - 19:30			Open for all
Himalayan Freshwaters: Services and Vulnerability of Freshwater Ecosystems in the Himalayas	Monday, October 6	17:30 - 19:30			Open for all
Unlocking advances in numerical solutions for hydrological models	Wednesday, October 8	18:00 - 19:30			Open for all
Young Water Champions for a Green, Prosperous, and Peaceful Sahel	Wednesday, October 8	17:30 - 19:30			Open for all
Introducing GEOTop and GEOframe: Open-Source Tools for Hydrological Modelling in Mountain Catchments	Wednesday, October 8	17:30 - 19:30			Open for all
Introducing CAMELS-IND: A Hydrometeorological and Catchment Attributes Dataset for Peninsular India	Wednesday, October 8	17:30 - 19:30			Open for all
IYGP 2025 and Decade of Action for Cryospheric Sciences 2025-2034	Saturday, October 11	10:00 - 12:00			Open for all

Scientific Program

Theme

IAHS Commissions and Topics

1. Continental Erosion (ICCE)
2. Coupled Land-Atmosphere Systems (ICCLAS)
3. Groundwater (ICGW)
4. Human-Water Feedback (ICHWF)
5. Remote Sensing (ICRS)
6. Statistical Hydrology (ICSH)
7. Snow and Ice Hydrology (ICSIH)
8. Surface Water (ICSW)
9. Tracers (ICT)
10. Water Quality (ICWQ)
11. Water Resource Systems (ICWRS)

IAHS Initiatives

12. The 23 Unsolved Problems in Hydrology (UPH)
13. Measurements and Observations in the XXI century (MOXXI)
14. Citizen and Hydrology (CANDHY)
15. History of Hydrology (HH)

HELPING Themes for Science-Based Solutions

16. Science for Solution-Global and Local Interactions (HELPING theme 1)
17. Science for Solution-Holistic Solutions for Water Security (HELPING theme 2)
18. Science for Solution-Cross-Cutting Goals (HELPING theme 3)

Scientific Program - Schedule

(onward)

Time Slot	Session Details						
11.00-12.30	1.2 Oral+ForumOral Monday, October 6						
#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
Oral-1	IAHS25_ABS_G6750	Unleashing the Power of Emerging Datasets for More Reliable Hydrologic Models	ICRS	Plenary Oral (15-minute oral presentation)	Prof. Latif Kalin	Auburn University	United States
Oral-2	IAHS25_ABS_X3911	Investigating lower-than-expected urban flood peaks through field investigation remote sensing and machine learning	ICRS	Plenary Oral (15-minute oral presentation)	Dr. Ione Loots	University of Pretoria	South Africa
Oral-3	IAHS25_ABS_T5935	A study of hydrological extremes from space	ICRS	Plenary Oral (15-minute oral presentation)	Prof. Venkataraman Lakshmi	University of Virginia	United States
1	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
2	IAHS25_ABS_T1360	Seasonal Variations in Water Resources Vegetation Health and Turbidity along the Yamuna River Mathura: A Geospatial Analysis	ICRS	Forum Oral (1-minute flash presentation)	Dr. Dharmendra Kumar Singh	SANSKRITI UNIVERSITY	India
3	IAHS25_ABS_B4822	Land Use Land Cover Classification of an Urban Watershed Using Machine Learning Algorithms	ICRS	Forum Oral (1-minute flash presentation)	Mr. Mohammad Imran Shaik	NIT Andhra Pradesh	India
4	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
5	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
6	IAHS25_ABS_N7823	GPU accelerated GUI for flood mapping from SAR data	ICRS	Forum Oral (1-minute flash presentation)	Mr. Niradesh Kumar Sharma	IIT Delhi	India
7	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
8	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
9	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/INRAE) and IFCWS Indian Institute of Science	India

10	IAHS25_ABS_L4587	Detection of Flood Areas Using SENTINEL Radar Imagery in Urban Environments for Strengthening Flood Early Warning Systems in Abidjan.	ICRS	Forum Oral (1-minute flash presentation)	Mr. Adou Adou Kouassi Dore Berenger	Université Felix-Houphouët-Boigny /Université de Montpellier	Cote d'Ivoire
11	IAHS25_ABS_M5620	Remote Sensing for Efficient Irrigation: Monitoring Reservoirs with Sentinel Data	ICRS	Forum Oral (1-minute flash presentation)	Mr. Federico Campos	Universidad Tecnologica del Uruguay (UTEC)	Uruguay
12	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
13	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
14	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
15	IAHS25_ABS_Y7268	Multi-Hazard Disaster Risk Assessment Using Google Earth Engine: An Integrated Approach for Climate Resilience	ICRS	Forum Oral (1-minute flash presentation)	Ms. Jahanvi Bhagora	Nirma University	India
16	IAHS25_ABS_M2786	GIS-Integrated Hydro-Geo mechanical Framework for Predicting Soil Piping-Induced Subsidence in Lateritic Terrains	ICRS	Forum Oral (1-minute flash presentation)	Ms. SHRUTHI JOHNSON	College of Engineering Trivandrum	India
17	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	IIT Delhi	India
18	IAHS25_ABS_X6613	A change in the peak timing of Indian summer monsoon rainfall due to a shifting climate: observational evidence	ICRS	Forum Oral (1-minute flash presentation)	Dr. KANDULA V SUBRAHMANYAM	National Remote Sensing Centre (NRSC) ISRO	India
19	IAHS25_ABS_C5422	Identifying groundwater drought risks in major agricultural regions of China: A combined perspective of GRACE- and groundbased observations and modeling	ICRS	Forum Oral (1-minute flash presentation)	Prof. Yanjun Shen	Institute of Genetics and Developmental Biology, Chinese Academy of Sciences	China
20	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

13.30-15.00

1.3 Oral+ForumOral | Monday, October 6

#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
Oral-4	IAHS25_ABS_O3391	Carbon export from wastewater treatment effluents in the Mississippi River Basin	ICWQ	Plenary Oral (15-minute oral presentation)	Prof. Y. Jun Xu	Louisiana State University	United States
Oral-5	IAHS25_ABS_V1817	Understanding the hydrological drivers of global human health risks - a call to the international hydrological community to co-create solutions at the Water and Health Nexus	ICWQ	Plenary Oral (15-minute oral presentation)	Prof. Stefan Krause	University of Birmingham	United Kingdom
Oral-6	IAHS25_ABS_W3049	How important are calibration strategies for large scale water quality modeling?	ICWQ	Plenary Oral (15-minute oral presentation)	Dr. Alena Bartosova	Swedish Meteorological and Hydrological Institute	Sweden
1	IAHS25_ABS_P7579	Revealing climate-induced patterns in crop yields and the water-energy-food-carbon nexus: insights from the Pearl River Basin	ICWQ	Forum Oral (1-minute flash presentation)	Prof. Xiaohong Chen	Sun Yat-sen University	China
2	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
3	IAHS25_ABS_D6376	Hydrogeochemistry Enrichment Mechanism and Health Risk Assessment of Groundwater Fluoride in Karaga District of the Northern Region Ghana	ICWQ	Forum Oral (1-minute flash presentation)	Prof. Emmanuel Daanoba Sunkari	Sir Padampat Singhanian University	India
4	IAHS25_ABS_X4527	A Comprehensive Groundwater Assessment in parts of Chhota Nagpur Gneissic Complex: Evaluating Groundwater Potential Hydrogeochemistry and Public Health Risks	ICWQ	Forum Oral (1-minute flash presentation)	Dr. Dev Sen Gupta	Banaras Hindu University	India
5	IAHS25_ABS_Y7311	Unraveling Agricultural Non-Point Source Pollution in the Hindon River Basin: A SWAT+ Model Approach	ICWQ	Forum Oral (1-minute flash presentation)	Mr. Vivek Tiwari	IIT Roorkee	India
6	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
7	IAHS25_ABS_G4967	Sandâ€™Gravel Mining Impacts on Water Quality in an Alluvial River with Tributary Intervention: A case study of Thoubal-Itok River system Manipur India	ICWQ	Forum Oral (1-minute flash presentation)	Dr. ROMEJI NGANGBAM	National Institute of Technology Manipur Department of Civil Engineering	India

8	IAHS25_ABS_L8584	Remote Sensing-Based Assessment of Turbidity and Chlorophyll Variations in the Ganga-Yamuna Rivers Sangam During the Kumbh Mela 2025	ICWQ	Forum Oral (1-minute flash presentation)	Dr. Hemant Raheja	IIT Roorkee	India
9	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 unviersity	China
10	IAHS25_ABS_A9832	The Impact of Abattoir Effluent on the Quality of Ogun River in Kara Market Southwest Nigeria.	ICWQ	Forum Oral (1-minute flash presentation)	Dr. Amidu Owolabi Ayeni	University of Lagos	Nigeria
11	IAHS25_ABS_U1665	Adverse Impacts of Climate Induced Global Changes on Water Quality Security and Availability in India: Necessary Mitigation Measures and Appropriate Adaptation Strategies Needed	ICWQ	Forum Oral (1-minute flash presentation)	Prof. Bhaskara Rao Mulam	Rajiv Gandhi University of Knowledge Technologies	India
12	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
13	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
14	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
15	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
16	IAHS25_ABS_D7421	Study on the Effect of Underlying Surface Changes on Runoff Generation in the Urbanized Watershed	ICWQ	Forum Oral (1-minute flash presentation)	Dr. Yunqiu JIANG	Zhengzhou Univercity	China
17	IAHS25_ABS_J2439	Complex Network-based Analysis of Water Quality Dynamics in the Mississippi River	ICWQ	Forum Oral (1-minute flash presentation)	Ms. Harshal Ashokrao Parate	IIT Bombay	India
18	IAHS25_ABS_Y4289	GROUNDWATER IN FLUX: A COMPREHENSIVE ANALYSIS OF WATER QUALITY IN THE GOMATI RIVER BASIN	ICWQ	Forum Oral (1-minute flash presentation)	Ms. Shivani Gupta	University of Allahabad	India

19	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
20	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
15.30-16.30	1.4 Oral+ForumOral Monday, October 6						
#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
Oral-7	IAHS25_ABS_V1321	Stakeholder-driven assessment of watershed management strategies for agriculture and ecological sustainability: A case study in the lower Apalachicola-Chattahoochee-Flint (ACF) River Basin	CANDHY	Plenary Oral (15-minute oral presentation)	Prof. Puneet Srivastava	University of Maryland College Park	United States
1	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
2	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
3	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
4	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
5	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
6	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

7	IAHS25_ABS_N5232	Integrated Climate-Health Analysis: Assessing Public and Occupational Health Impacts of the 2018 Kerala Floods in the Greater Pamba River Basin India	UPH	Forum Oral (1-minute flash presentation)	Mrs. ARATHY NAIR G R	TKM COLLEGE OF ENGINEERING KOLLAM	India
8	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	Indian Institute of Technology Roorkee & University of Birmingham	India
9	IAHS25_ABS_V9389	Geo-spatial model for real time forecast of extreme flood in the basin of river Mahanadi in the State of Odisha India	UPH	Forum Oral (1-minute flash presentation)	Prof. Vijay Kumar Dwivedi	National Institute of Technology Durgapur	India
10	IAHS25_ABS_D6743	Transforming Indonesia's Water Allocation and Rights Governance: Clarifying Political Actors' Perspectives on Contestations	UPH	Forum Oral (1-minute flash presentation)	Mr. Aditya Riski Taufani	IHE Delft	Netherlands
11	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
12	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
13	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
14	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 Universiy	Sri Lanka
15	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
16	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

17	IAHS25_ABS_Y8571	A Comparative Study of Climate and Drought Resilience in Distinct Indian Catchments	HELPING theme 2	Forum Oral (1-minute flash presentation)	Ms. Akriti Singh	IIT Roorkee	India
18	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
19	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
20	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
21	IAHS25_ABS_H1226	Use Artificial Intelligence to Improve Water Demand Forecasting: Bridging Data Models and Uncertainty	HELPING theme 2	Forum Oral (1-minute flash presentation)	Dr. Zhenxing Zhang	University of Illinois at Urbana-Champaign	United States
22	IAHS25_ABS_I9230	Advancing Soil Hydraulic Property Estimation at Spatial Scales Through Data-Driven Approach using Canopy Variables as Proxies	UPH	Forum Oral (1-minute flash presentation)	Ms. Aswathi VK	National Centre for Earth Science Studies	India
23	IAHS25_ABS_Y1032	SW-NE mass-flux heterogeneity linked with runoff subsurface recharge and contamination in the Lower Chambal Basin	UPH	Forum Oral (1-minute flash presentation)	Mr. Faisal Imam Umrani	IGNOU	India
24	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
25	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
16.30-18.00	1.5 Poster Monday, October 6						
#	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
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 Boliseti	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
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
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/INRAE) and IFCWS Indian Institute of Science	India
37	IAHS25_ABS_C1713	Unveiling Methane Concentration Patterns over Wastewater Treatment Plants in Indian Cities Using NDCl 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	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
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 unversity	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 Djeugoue	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
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
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
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	Quantifying Uncertainty from Different Sources in 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
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
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	Thirst and Thrust: A Critical Review of Water-Driven 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 Shyroka	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
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 Hydrodynamic“Ecological Model to Quantify Human Health Risks from Contaminated Floodwaters in Climate-Sensitive Urban Megacities	ICWQ	Poster	Mr. Rahul Deopa	IIT Roorkee	India

9.00-10.30

2.1 Oral+ForumOral | Tuesday, October 7

#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
Oral-8	IAHS25_ABS_E1677	Correcting Biases in the Wind Simulations of Climate Models: Improving Drought Extremes and Spatial Coherence	ICSH	Plenary Oral (15-minute oral presentation)	Dr. Cilcia Kusumastuti	Petra Christian University	Indonesia
Oral-9	IAHS25_ABS_C2483	Physics-based Assessment of Pluvial Flood Hazard and Exposure from Hourly Rainfall Extremes Preconditioned by Heatwaves	ICSH	Plenary Oral (15-minute oral presentation)	Prof. Poulomi Ganguli	IIT Kharagpur	India
Oral-10	IAHS25_ABS_A3599	Towards achieving reliable probabilistic hydrological predictions at the hourly scale	ICSH	Plenary Oral (15-minute oral presentation)	Dr. Cristina Prieto	IHCantabria	Spain
1	IAHS25_ABS_F3784	Deciphering Historical Rainfall Patterns in the Indian Ganga Basin: Drivers Dynamics and Implications	ICSH	Forum Oral (1-minute flash presentation)	Mr. Amit Kumar Maurya	Indian Institute of Science Education and Research Bhopal (IISERB)	India
2	IAHS25_ABS_T7640	A physics-informed Graph Neural Network Framework for Post-processing Ensemble streamflow simulations in a river network	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Anagha P	IIT Delhi	India
3	IAHS25_ABS_I9896	High-Resolution CMIP6 Downscaled Precipitation and Temperature Dataset Over South Asia	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Neharika Bhattarai	IIT Delhi	India

4	IAHS25_ABS_G2403	Teleconnection-informed frequency analysis of rainfall extremes	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Andrea Magnini	University of Bologna	Italy
5	IAHS25_ABS_G1792	Insurance as a tool to manage the flooding risk	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Giorgio Roth	Università di Genova	Italy
6	IAHS25_ABS_A3838	Resolving Data scarcity: A cluster-based rainfall regionalization of Kerala India	ICSH	Forum Oral (1-minute flash presentation)	Mrs. Meera G Mohan	TKM College of Engineering Kollam	India
7	IAHS25_ABS_L6982	Application of Polynomial Chaos Expansion method for hydrological model uncertainty	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Tirupati Boliseti	University of Windsor	Canada
8	IAHS25_ABS_X7533	Morphometric Analysis and Hydrological Modeling of the Meenachil River Basin Using Digital Elevation Models (DEMs)	ICSH	Forum Oral (1-minute flash presentation)	Mr. P MUKUNDHAN	MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY	India
9	IAHS25_ABS_T4889	Statistical Flood Frequency Analysis of the Beas River: Evaluating Extreme Flood Events in a Himalayan Basin	ICSH	Forum Oral (1-minute flash presentation)	Dr. Mahesh Patel	Dr BR Ambedkar National Institute of Technology Jalandhar	India
10	IAHS25_ABS_J7528	Quantifying Multivariate Streamflow Drought Hazards in Large River Basins Accounting Onset Seasonality and Event Magnitude	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Aparna Raut	IIT Kharagpur	India
11	IAHS25_ABS_O6697	Performance Evaluation of TIGGE Precipitation Datasets and Post-Processing Techniques for Enhanced Flood Forecasting Accuracy	ICSH	Forum Oral (1-minute flash presentation)	Mr. Anant Patel	SVNIT Surat	India
12	IAHS25_ABS_H7736	Evaluation of the performance of satellite-based rainfall products in the South-East of the Congo Basin in Lubumbashi region	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Benjamin Kitambo	University of Lubumbashi	Democratic Republic of The Congo
13	IAHS25_ABS_R8145	Evaluation of different precipitation data over the Pamba River basin Kerala	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Geethika Moorthy	IIT Roorkee	India
14	IAHS25_ABS_S7280	False Nearest Neighbour: A Chaos-Based Dimensionality Analysis of Hydrometeorological Variables in the Lower Columbia River basin	ICSH	Forum Oral (1-minute flash presentation)	Ms. Injila Hamid	IIT Bombay	India
15	IAHS25_ABS_J5057	A Channel Network Morphology-based Perspective on Discharge-Basin Area Scaling	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Akshay Kadu	IIT Bombay	India
16	IAHS25_ABS_T7088	towards improved flood risk management in cÅ'te d'ivoire: digitization of pluviographs and incorporation of rainfall non-stationarity	ICSH	Forum Oral (1-minute flash presentation)	Mr. Kouadio Aime Kouassi	Université Nangui Abrogoua	Cote d'Ivoire

17	IAHS25_ABS_W1775	Detecting trends in extreme long duration rainfall data in KwaZulu-Natal South Africa.	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Demian Vusimusi Mukansi	University of KwaZulu-Natal	South Africa
18	IAHS25_ABS_K5160	Multivariate analysis of extreme space-time rainfall events based on raingauge data	ICSH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Prof. Fabio Castelli	University of Florence	Italy
19	IAHS25_ABS_A2486	Integrated Flood Characterization and Index Development in the Narmada Basin	ICSH	Forum Oral (1-minute flash presentation)	Dr. Somil Swarnkar	IISER Bhopal	India
20	IAHS25_ABS_W5998	Statistical Characterization of Upstream Flooding Patterns Induced by Culvert Capacity Exceedance	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Berina Mina Kilicarslan	New York University	United States
11.00-12.30 2.2 Oral+ForumOral Tuesday, October 7							
#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
Oral-11	IAHS25_ABS_L1659	Interpolation and simulation of precipitation in space and time using a combination of traditional observations and crowdsourced data	ICSH	Plenary Oral (15-minute oral presentation)	Prof. Andras Bardossy	Institute for Modelling Hydraulic and Environmental Systems (IWS) University of Stuttgart	Germany
Oral-12	IAHS25_ABS_S3426	Exceptional Flood Events: A Comparison of Spatial Counterfactuals Perfect Storms and Stochastic Simulation Approaches	ICSH	Plenary Oral (15-minute oral presentation)	Prof. Bruno Merz	GFZ Helmholtz Centre for Geosciences	Germany
Oral-13	IAHS25_ABS_G7367	Beyond Historical Records: Using Counterfactual Scenarios to Improve Flood Risk Management	ICSH	Plenary Oral (15-minute oral presentation)	Dr. Paul Voit	University of Potsdam	Germany
1	IAHS25_ABS_C9651	Ensemble Streamflow Data Assimilation in the Indian Subcontinent using vector-based Hydrodynamic Model and Novel Localization Techniques	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Ved Prakash	IIT Delhi	India
2	IAHS25_ABS_V6256	Surface Urban Heat Island in Indian Cities and Its Correlation with Urbanization	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Saeed Soleimani	IIT Bombay	India
3	IAHS25_ABS_K8478	A Bayesian Copula-Based Integrated Drought Index (IDI) for Holistic Drought Monitoring in India	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Usman Aliakbar Mohseni	IIT Roorkee	India
4	IAHS25_ABS_X8330	Exploring Spatial Drought/Flood Synchronization Across India in a Multidimensional Framework	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. SIDHAN V V	IIT Delhi	India
5	IAHS25_ABS_J6319	Advancing Flood Forecasting and Early Warning Systems Through Multivariate Frequency Analysis	ICSH	Forum Oral (1-minute flash presentation)	Mr. Ankush Choudhary	IIT Roorkee	India

6	IAHS25_ABS_X2853	Regional Calibration of a Lumped Hourly Hydrological Model Using a Decision-Tree Approach	ICSH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Ms. Giuditta Smerilli	University of Bologna	Italy
7	IAHS25_ABS_W4687	INDEX BASED APPROACH FOR THE ASSESSMENT OF SPATIOTEMPORAL VARIABILITY OF EXTREME CLIMATIC CONDITIONS USING GCMs FOR THE MAHANADI RIVER BASIN	ICSH	Forum Oral (1-minute flash presentation)	Ms. Manita bishnoi	Indian Institute of Technology	India
8	IAHS25_ABS_T8926	Rainfall Forecasting using Deep-Learning based LSTM Model	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Subhashis Chowdhury	IIT Bombay	India
9	IAHS25_ABS_T1759	A framework for the safe-fail design of urban stormwater management infrastructure for flood mitigation under changing climate.	ICSH	Forum Oral (1-minute flash presentation)	Dr. Rohith A N	IIT Delhi	India
10	IAHS25_ABS_H1643	A Comparative Study of Kalman Filters and Machine Learning Models for Predicting Groundwater Levels in Relation to Rainfall	ICSH	Forum Oral (1-minute flash presentation)	Mr. K V Sumith	Sir M. Visvesvaraya Institute of Technology	India
11	IAHS25_ABS_X7547	Partitioning hydrologic uncertainty into model parameter contributions and their association with catchment attributes	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Arpita Mondal	IIT Bombay	India
12	IAHS25_ABS_N8578	Dynamic Assessment of Delhi's Urban Heat Island Considering the Urban Sprawl Over the Past Two Decades	ICSH	Forum Oral (1-minute flash presentation)	Ms. Aakanksha Agrawal	IIT Roorkee	India
13	IAHS25_ABS_A9129	Robust estimation of present and future flood quantiles and extreme event attribution based on a non-stationary climate-informed weather generator	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Sergiy Vorogushyn	GFZ Helmholtz Centre for Geosciences	Germany
14	IAHS25_ABS_K2201	Climate-Informed Model for Forecasting Flood Quantiles in Indian Catchments	ICSH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Abinash Ganapathy	IIT Roorkee	India
15	IAHS25_ABS_G3850	GEV Annual Maximum Precipitation Quantile with Regional Shape Parameter	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Dirceu Silveira Reis Jr	University of Brasilia	Brazil
16	IAHS25_ABS_B3154	A rainfall runoff database for improving the flood forecasting: The Case Study of the Crati River Basin – the Tech4You Project	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Stefania Camici	Research Institute for Geo-Hydrological Protection	Italy
17	IAHS25_ABS_K2495	Incorporating Non-Stationarity in Design Flood Estimation Guidance	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Deepali Rawat	IIT Roorkee	India

18	IAHS25_ABS_H8518	Comparative Analysis of the compounding effects of zero and extreme rainfall events with extreme temperatures in the southern peninsula of India	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Nithya R L	National Institute of Technology Calicut	India
19	IAHS25_ABS_P6944	A Copula-Based Approach for Estimating Temporal Probability of Landslides using Hydrometeorological factors	ICSH	Forum Oral (1-minute flash presentation)	Mrs. SHAMLA D S	TKM College of Engineering	India
20	IAHS25_ABS_R7819	Assessing Future Dam Breach Risks and Safer Hydropower Solutions in the Himalayan River Basins: A Case Study of Tamakoshi Basin	ICSH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Zainab Khan	Aligarh Muslim University	India
13.30-15.00 2.3 Oral+ForumOral Tuesday, October 7							
#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
Oral-14	IAHS25_ABS_B5630	Global-Scale Uncertainties in Hydrologic Modeling: The Role of Precipitation and Temperature Forcings	HT1	Plenary Oral (15-minute oral presentation)	Prof. Guoiang Tang	Wuhan University	China
Oral-15	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
Oral-16	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
1	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
2	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
3	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
4	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
5	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
6	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

7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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 Mendiondo	University of Sao Paulo	Brazil
17	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 Développement	France
18	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
19	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

20	IAHS25_ABS_T2101	Fair Water “ 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
15.30-16.30	2.4 Oral+ForumOral Tuesday, October 7						
#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
1	IAHS25_ABS_F9692	Optimization of operational cycle for energy maximization in pumped storage hydropower plants	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Pattabiraman Balasundaram	IIT Roorkee	India
2	IAHS25_ABS_X8966	Effect of different nitrogen treatments on chlorophyll content and yield of wheat crop	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Apoorva Yadav	Shiv Nadar University	India
3	IAHS25_ABS_B1979	Water Supply-Demand Gap in Dura City Palestine: Challenges and Recommendations	ICWRS	Forum Oral (1-minute flash presentation)	Dr. Hamzah Faquseh	University of Brescia	Italy
4	IAHS25_ABS_F3390	Drivers of the seasonal slow-flow variability in a mountainous catchment	ICWRS	Forum Oral (1-minute flash presentation)	Mr. Sanjay Kumar	IIT Roorkee	India
5	IAHS25_ABS_N2085	Regional Analysis of Drought Characteristics Using Meteorological Drought Indices across India	ICWRS	Forum Oral (1-minute flash presentation)	Ms. Pranita Joshi	IIT Roorkee	India
6	IAHS25_ABS_H6526	On the need for capturing historical trend of crop yield in crop models for efficient estimation of crop water use	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Aniruddha Saha	IIT Roorkee	India
7	IAHS25_ABS_I1068	Forest Fire Dynamics in Himachal Pradesh: Spatiotemporal Patterns and Driving Factors (2000-2024)	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Nisha Jindwal	IIT Mandi	India
8	IAHS25_ABS_C1620	Adapting Water Resource Management to Climate Change in the Alpine Region of South Tyrol Italy	ICWRS	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Giacomo Bertoldi	Eurac Research	Italy
9	IAHS25_ABS_B7888	Complex governance finance and natural resource considerations on 'going off grid' for Rhodes University South Africa	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Jane Louise Tanner	Rhodes University	South Africa
10	IAHS25_ABS_W4151	Climate change and water resources capacity development in Africa under the SASSCAL and WASCAL doctoral programmes	ICWRS	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Luna Bharati	International Center for Water Resources and Global Change	Germany
11	IAHS25_ABS_M9363	State of Art of Ecohydrology Research in the Indian Subcontinent : A Review	ICWRS	Forum Oral (1-minute flash presentation)	Mr. Pankaj Verma	IIT Mandi	India
12	IAHS25_ABS_Q4852	Strengthening Global Hydrological Research - Outcomes of the WMO Research Board Task Team on Hydrology Research	ICWRS	Forum Oral (1-minute flash presentation)	Dr. Ilias Pechlivanidis	SMHI	Sweden

13	IAHS25_ABS_W6265	Progress on artificial eco-environmental water supplement in recent 20 years in China	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Chunfeng Hao	China Institute of Water Resources and Hydropower Research	China
14	IAHS25_ABS_I7541	Clustering Catchments by Low Flow Behavior: An Unsupervised Learning Approach	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Nishant Saxena	IIT Roorkee	India
15	IAHS25_ABS_O9210	Advancing the Quantification of Water Resources using Coupled Hydrological model “ Water Accounting Approach	ICWRS	Forum Oral (1-minute flash presentation)	Ms. Pooja Patle	IIT Roorkee	India
16	IAHS25_ABS_A6676	Seamless short to long term forecasting of inflow into lake Baikal: development and online assessment	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Vsevolod Moreido	Water Problems Insitute of the Russian Academy of Sciences	Russian Federation
17	IAHS25_ABS_X9929	Length scale and energy distribution through grid-induced turbulence in pulsating flow case	ICWRS	Forum Oral (1-minute flash presentation)	Dr. Pankaj Kumar Raushan	IIT Bombay	India
18	IAHS25_ABS_T7213	An Open-Source Tool for Generating Hourly Synthetic Streamflow Series in Ungauged Basins Using Regional Flow-Duration Curves	ICWRS	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Alan Spadoni	University of Bologna	Italy
19	IAHS25_ABS_V9616	From Climate Shifts to Flood Changes: Data Based and Modelling Approaches	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Alberto Viglione	Politecnico di Torino	Italy
20							
16.30-18.00	2.5 Poster Tuesday, October 7						
#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
1	IAHS25_ABS_R6780	Change in probable maximum precipitation in a changing climate over the Upper Indus Basin.	ICSH	Poster	Mr. Aman Kumar	IIT Roorkee	India
2	IAHS25_ABS_S4427	Evaluating the Performance of Uni- and Multivariate Bias Correction Techniques: Challenges in Preserving Temporal and Dependence Structures	ICSH	Poster	Mr. Sachidanand Sharma	IIT Roorkee	India
3	IAHS25_ABS_W4198	Streamflow drought indices in the Morava River basin - an update	ICSH	Poster	Dr. Ondrej Ledvinka	Czech Hydrometeorological Institute	Czech Republic
4	IAHS25_ABS_H2231	A novel approach to detect changes in the variability of the hydro-climatic record in the wettest state Meghalaya India.	ICSH	Poster with Video-Interview (Poster and 3-minute video interview)	Mr. Chingka Kalai	IIT Roorkee	India
5	IAHS25_ABS_Q2530	Assessing Rainfall Seasonality Regimes in India's East Coastal Region during 1953-2022	ICSH	Poster	Dr. Yellamelli Ramji Satyaji Rao	National Institute of Hydrology Roorkee	India

6	IAHS25_ABS_X7709	Enhancing smallholder sociohydrological predictions at plot scale by novel data assimilation of high-resolution soil moisture and biomass data	ICSH	Poster	Mr. Mario Alberto Ponce Pacheco	Delft University of Technology Faculty of Civil Engineering and Geosciences	Netherlands
7	IAHS25_ABS_H4489	Development of new framework on wavelet-based time-scale dependent sensitivity analysis of hydrological models	ICSH	Poster	Ms. SAI SUSWARA VADDADI	IIT Hyderabad	India
8	IAHS25_ABS_P2172	Unravelling the Spatiotemporal Variability of Soil Moisture and Soil Temperature Across India (1961–2023): Insights from ERA5 Reanalysis Data	ICSH	Poster	Mr. Sai Bargav Reddy Muskula	IIT Roorkee	India
9	IAHS25_ABS_X6071	Identifying threats to protection goals in intermittent rivers	ICSH	Poster	Prof. Krzysztof Kochanek	Warsaw University of Technology	Poland
10	IAHS25_ABS_T3535	Regularized calibration of conceptual hydrological models	ICSH	Poster	Dr. Saket Pande	Delft University of Technology	Netherlands
11	IAHS25_ABS_X4332	JOINT PROBABILITY MODELLING OF FLOOD VARIABLES FOR THE DESIGN FLOOD ESTIMATION IN SOUTH AFRICA	ICSH	Poster	Mr. Sandile Sifiso Sifiso Dladla	University of KwaZulu natal and University of Free State	South Africa
12	IAHS25_ABS_I3297	Assessing the Effectiveness of Agricultural Drought Indices: A Multiplex Networks Perspective	ICSH	Poster	Mr. Kasi Venkatesh	IIT Bombay	India
13	IAHS25_ABS_Q3503	Apprehending total water storage components of GRACE using temporal decomposition for the Ganga basin	ICSH	Poster	Ms. Snehil Dubey	IIT Hyderabad	India
14	IAHS25_ABS_S1860	Recurrence Analysis of Streamflows of Krishna River Basin	ICSH	Poster	Ms. Susan Mariam Rajesh	TKM College of Engineering	India
15	IAHS25_ABS_Y3460	Evaluating the Water Availability Status in Jammu and Kashmir using Statistical Hydrological Approach	ICSH	Poster	Mr. Dheeraj Mohan Gururani	IIT Jammu	India
16	IAHS25_ABS_C3401	Multi-Model Evaluation of Sub-Seasonal Rainfall and Temperature Forecasts in India: Implications for Drought Prediction	ICSH	Poster	Ms. Paushali Deb	IIT Bombay	India
17	IAHS25_ABS_D1655	Enhancing Hyperlocal Extreme Rainfall forecasts for Mumbai	ICSH	Poster with Video-Interview (Poster and 3-minute video interview)	Ms. Puja Tripathy	IIT Bombay	India
18	IAHS25_ABS_C5624	Optimal satellite based precipitation datasets for extreme precipitation analysis in Meghalaya: a comprehensive study on dataset selection and spatio-temporal trends	ICSH	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Pushpendra K Singh	Sardar Vallabhbhai Patel University of Agriculture & Technology Meerut	India
19	IAHS25_ABS_H7546	High-Flow Sediment Transport Alterations Due to Damming in the Godavari River Basin	ICSH	Poster	Ms. Anubhuti Singh	Indian Institute of Science Education and Research Bhopal	India

20	IAHS25_ABS_D8041	Estimating Vulnerability to Compound Dry and Hot Extremes in the Madhya Pradesh: A District-Level Perspective	ICSH	Poster	Mr. Chaitanya Raj	Indian Institute of Science Education and Research Bhopal	India
21	IAHS25_ABS_Y4009	Vine Copula based Multivariant Flood risk Assessment on Beas River Basin	ICSH	Poster	Mr. Saran Raaj	IIT Mandi	India
22	IAHS25_ABS_W7845	Understanding hydrodynamics of three spring clusters in Leh region of Ladakh Union Territory	ICSH	Poster	Mr. Aamir Jan Farooq	GB Pant National Institute of Himalayan Environment	India
23	IAHS25_ABS_B2850	From Uncertainty to Reliability: Validating and Merging Soil Moisture Data in India	ICSH	Poster	Ms. Upasana Jha	IIT Hyderabad	India
24	IAHS25_ABS_V6913	Suspended Sediment Load Estimation of the Godavari River Basin Using Tree-based Machine Learning Algorithms	ICSH	Poster	Mr. Soumya Kundu	IISER Bhopal	India
25	IAHS25_ABS_C8114	Transforming Flash Drought Forecasting: Evaluating Custom AI and Time Series Foundation Models	ICSH	Poster	Mr. ASHISH PATHANIA	IIT Mandi	India
26	IAHS25_ABS_V1384	Characterizing Rainfall Thresholds for Landslide Early Warning in the Indian Himalayas	ICSH	Poster	Mr. Salil Sharma	IIT Mandi	India
27	IAHS25_ABS_H7883	Assessing the Transition from Meteorological to Hydrological Extremes: A Circular Statistics Analysis of Drought and Flood Dynamics in the Mahanadi Basin	ICSH	Poster	Mr. Mayank Tyagi	IIT Roorkee	India
28	IAHS25_ABS_X1402	Risk of Extreme Precipitation on Dam Infrastructure under changing climate over India	ICSH	Poster	Mr. Mayank Tiwari	IIT Jodhpur	India
29	IAHS25_ABS_N7045	Prediction of Temperature and Precipitation in Narmada River Basin Using GUI Matlab Tools	ICSH	Poster	Mr. RAVIKANT KUMAR	MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY BHOPAL	India
30	IAHS25_ABS_R4769	Spatio-temporal Analysis of Monsoon Rainfall patterns in the Pennaiyar Basin using a Bayesian Hidden Markov Model	ICSH	Poster	Mr. Nagesh Mishra	IIT Madras	India
31	IAHS25_ABS_W7222	Assessing Compound Dry and Hot Events in Indian Smart Cities: Historical Trends and Future Projections under +2°C and +4°C Climate Change Scenarios	ICSH	Poster	Ms. Vaishnavi Sahu	Indian Institute of Science Education and Research Bhopal	India
32	IAHS25_ABS_H7446	Development of Intensity-Duration-Frequency Curves for Urban Infrastructure Design using Sub-Daily Disaggregated Rainfall Data	ICSH	Poster	Ms. Saraswati Harivenu Nair	IIT Delhi	India

33	IAHS25_ABS_L1799	Climate change Impacts North Indian Region using CMIP6 Model outputs	ICSH	Poster	Prof. Shashikanth Kulkarni	University College of Engineering Osmania University	India
34	IAHS25_ABS_H3517	Does River Basin Morphology Reflect Landscape Evolution?	ICSH	Poster	Ms. Saba Shakeel Raina	IIT Bombay	India
35	IAHS25_ABS_S4246	Improving Hershfield method-based Probable Maximum Precipitation estimates with the use of Peaks over threshold series	ICSH	Poster	Ms. Jaya Bhatt	Indian Institute of Science	India
36	IAHS25_ABS_D1383	Narrowing at-site flood frequency analysis using simulations from the continental AWRA-L landscape model	ICSH	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Julien Lerat	CSIRO	Australia
37	IAHS25_ABS_U4512	Efficacy of Change Point Tests in Identifying Non-stationarity Conditions in Hydrological Time Series	ICSH	Poster with Video-Interview (Poster and 3-minute video interview)	Prof. Priyank J Sharma	IIT Indore	India
38	IAHS25_ABS_I9896	High-Resolution CMIP6 Downscaled Precipitation and Temperature Dataset Over South Asia	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Neharika Bhattarai	IIT Delhi	India
39	IAHS25_ABS_G2403	Teleconnection-informed frequency analysis of rainfall extremes	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Andrea Magnini	University of Bologna	Italy
40	IAHS25_ABS_G1792	Insurance as a tool to manage the flooding risk	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Giorgio Roth	Università di Genova	Italy
41	IAHS25_ABS_R8145	Evaluation of different precipitation data over the Pamba River basin Kerala	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Geethika Moorthy	IIT Roorkee	India
42	IAHS25_ABS_W5998	Statistical Characterization of Upstream Flooding Patterns Induced by Culvert Capacity Exceedance	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Berina Mina Kilicarslan	New York University	United States
43	IAHS25_ABS_C9651	Ensemble Streamflow Data Assimilation in the Indian Subcontinent using vector-based Hydrodynamic Model and Novel Localization Techniques	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Ved Prakash	IIT Delhi	India
44	IAHS25_ABS_X8330	Exploring Spatial Drought/Flood Synchronization Across India in a Multidimensional Framework	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. SIDHAN V V	IIT Delhi	India
45	IAHS25_ABS_X7547	Partitioning hydrologic uncertainty into model parameter contributions and their association with catchment attributes	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Arpita Mondal	IIT Bombay	India
46	IAHS25_ABS_G3850	GEV Annual Maximum Precipitation Quantile with Regional Shape Parameter	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Dirceu Silveira Reis Jr	University of Brasilia	Brazil

47	IAHS25_ABS_B3154	A rainfall runoff database for improving the flood forecasting: The Case Study of the Crati River Basin – the Tech4You Project	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Stefania Camici	Research Institute for Geo-Hydrological Protection	Italy
48	IAHS25_ABS_F7029	Exploring Coincidental Compound Extremes in Pan-Himalayan River Basins under Changing Climate	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Achala Singh	IIT Indore	India
49	IAHS25_ABS_T7640	A physics-informed Graph Neural Network Framework for Post-processing Ensemble streamflow simulations in a river network	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Anagha P	IIT Delhi	India
50	IAHS25_ABS_L6982	Application of Polynomial Chaos Expansion method for hydrological model uncertainty	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Tirupati Boliseti	University of Windsor	Canada
51	IAHS25_ABS_J7528	Quantifying Multivariate Streamflow Drought Hazards in Large River Basins Accounting Onset Seasonality and Event Magnitude	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Aparna Raut	IIT Kharagpur	India
52	IAHS25_ABS_H7736	Evaluation of the performance of satellite-based rainfall products in the South-East of the Congo Basin in Lubumbashi region	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Benjamin Kitambo	University of Lubumbashi	Democratic Republic of The Congo
53	IAHS25_ABS_J5057	A Channel Network Morphology-based Perspective on Discharge-Basin Area Scaling	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Akshay Kadu	IIT Bombay	India
54	IAHS25_ABS_W1775	Detecting trends in extreme long duration rainfall data in KwaZulu-Natal South Africa.	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Demian Vusimusi Mukansi	University of KwaZulu-Natal	South Africa
55	IAHS25_ABS_V6256	Surface Urban Heat Island in Indian Cities and Its Correlation with Urbanization	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Saeed Soleimani	IIT Bombay	India
56	IAHS25_ABS_K8478	A Bayesian Copula-Based Integrated Drought Index (IDI) for Holistic Drought Monitoring in India	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Usman Aliakbar Mohseni	IIT Roorkee	India
57	IAHS25_ABS_T8926	Rainfall Forecasting using Deep-Learning based LSTM Model	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Subhashis Chowdhury	IIT Bombay	India
58	IAHS25_ABS_A9129	Robust estimation of present and future flood quantiles and extreme event attribution based on a non-stationary climate-informed weather generator	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Sergiy Vorogushyn	GFZ Helmholtz Centre for Geosciences	Germany
59	IAHS25_ABS_K2495	Incorporating Non-Stationarity in Design Flood Estimation Guidance	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Deepali Rawat	IIT Roorkee	India

60	IAHS25_ABS_H8518	Comparative Analysis of the compounding effects of zero and extreme rainfall events with extreme temperatures in the southern peninsula of India	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Nithya R L	National Institute of Technology Calicut	India
61	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
62	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
63	IAHS25_ABS_Q2742	Filling Intermittent and Continuous Discharge Data Gaps: A Comparative Evaluation of Imputation Methods	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Priyank J Sharma	IIT Indore	India
64	IAHS25_ABS_K5160	Multivariate analysis of extreme space-time rainfall events based on raingauge data	ICSH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Prof. Fabio Castelli	University of Florence	Italy
65	IAHS25_ABS_X2853	Regional Calibration of a Lumped Hourly Hydrological Model Using a Decision-Tree Approach	ICSH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Ms. Giuditta Smerilli	University of Bologna	Italy
66	IAHS25_ABS_R7819	Assessing Future Dam Breach Risks and Safer Hydropower Solutions in the Himalayan River Basins: A Case Study of Tamakoshi Basin	ICSH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Zainab Khan	Aligarh Muslim University	India
67	IAHS25_ABS_K2201	Climate-Informed Model for Forecasting Flood Quantiles in Indian Catchments	ICSH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Abinash Ganapathy	IIT Roorkee	India
68	IAHS25_ABS_W9423	The Coupled Root-Soil Interactions Modeling: A Gateway to Resolving Hydro-biological Complexities of the Land Surface	HELPING theme 1	Poster	Prof. Yi Luo	Institute of Geographic Sciences and Natural Resources Research Chinese Academy of Sciences	China
69	IAHS25_ABS_K5452	Assessing the role of spatial variability in climate forcing on soil moisture simulated using a hyper-resolution land surface model at the farm scale	HELPING theme 1	Poster	Mr. Vishnu U Krishnan	IIT Bombay	India
70	IAHS25_ABS_N4484	Implementing deficit irrigation systems -- differences and similarities across world regions	HELPING theme 1	Poster	Dr. Niels Schuetze	TU Dresden	Germany
71	IAHS25_ABS_G2583	Statistical methods and climate models jointly analyze the impact of climate change in large river basins	HELPING theme 1	Poster	Prof. Tie Liu	Zhejiang University of Technology	China

72	IAHS25_ABS_P9148	Water solutions in the Anthropocene IAHS's third scientific decade. Keeping the pace	HELPING theme 3	Poster with Video-Interview (Poster and 3-minute video interview)	Prof. Thom Bogaard	Delft University of Technology	Netherlands
73	IAHS25_ABS_A9513	Pluralizing water epistemologies: the need for a decolonised water representation	HELPING theme 3	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Giulio Castelli	University of Florence	Italy
74	IAHS25_ABS_O7542	Indian Climate Information Explorer(INCLINE) : A Unified Platform for Climate Data Visualization and Download for Indian subcontinent	HELPING theme 3	Poster with Video-Interview (Poster and 3-minute video interview)	Mr. Siddik Barbhuiya	IIT Mandi	India
75	IAHS25_ABS_M8479	What do we need to know? Ten questions about climate and water challenges in Berlin-Brandenburg	HELPING theme 3	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Pedro Henrique Lima Alencar	Technische Universität Berlin	Germany
76	IAHS25_ABS_Q6225	Using collaborative Agent-Based Modelling (ABM) to enhance decision making in agricultural water use	HELPING theme 3	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. David Gwapedza	University of Namibia	Namibia
77	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
78	IAHS25_ABS_T3934	How Can the IAHS's 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 Mendiando	University of Sao Paulo Brazil	Brazil
79	IAHS25_ABS_T2101	Fair Water – 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
80	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 Développement	France
81	IAHS25_ABS_Y9599	Multiple-Scale Variation and Driving Factors of Snow/Ice Melting Floods in Yarkant River Basin Karakoram Mountains	HELPING theme 1	Poster	Mr. Weian Si	University of Chinese Academy of Sciences	China
82	IAHS25_ABS_D6839	Decadal Predictability of Indian Summer Monsoon Rainfall: Influence of SST patterns across distinct oceanic regions	HELPING theme 1	Poster	Dr. Junaid Dar	IIT Bombay	India
83	IAHS25_ABS_N9920	Analysis of the compound impact of antecedent dry periods and rainstorm events on urban diffuse pollution and resulting surface water pollution	HELPING theme 1	Poster	Prof. Eva Paton	Technical University of Berlin	Germany
84	IAHS25_ABS_G7241	Linking hydrology with grassland dynamics for sustainable management of the tiger habitat in Terai Arc Landscape Nepal	HELPING theme 1	Poster	Prof. Thom Bogaard	Delft University of Technology	Netherlands

85	IAHS25_ABS_E2053	How to deeply communicate with hydrological changesâ€™DEEPHY examples	HELPING theme 1	Poster with Video-Interview (Poster and 3-minute video interview)	Prof. Suxia Liu	Institute of Geographic Sciences and Natural Resources Research Chinese Academy of Sciences	China
86	IAHS25_ABS_S2772	When rivers dry out: an intermittency analysis for Central Europe	HELPING theme 1	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Eva Paton	Technical University of Berlin	Germany
87	IAHS25_ABS_R7416	Assessing the Impacts of Landscape Change on Riverine Ecosystem Services in the Upper Beas Catchment	HELPING theme 1	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Prakhar Sharma	IIT Roorkee	India
88	IAHS25_ABS_G4215	Deep Learning-Based Approach for Daily Streamflow Prediction in Watersheds With Aggregated and Intermittent Observations	HELPING theme 1	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Nikunj K Mangukiya	IIT Roorkee	India
89	IAHS25_ABS_P3799	Landholders leverage over moisture flows and forest resilience in South America	HELPING theme 1	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
90	IAHS25_ABS_B4930	CASCADE-3C: Collaborative Climate Change Risk and Adaptation	HELPING theme 1	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Prof. Jamil Alexandre Ayach Anache	SÃ£o Carlos School of Engineering University of SÃ£o Paulo	Brazil
91	IAHS25_ABS_J8732	Optimizing raingarden performance with smart low-cost sensor networks	HELPING theme 1	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Carola Marella	University of Brescia	Italy
92	IAHS25_ABS_P6544	Spatio-temporal Assessment of Meteorological Droughts in Central India: Historical Trends and Emerging Patterns	ICSH	Poster	Mr. Ruchir Patidar	National Institute of Hydrology Roorkee	India
93	IAHS25_ABS_O7412	Downscaling of Satellite Soil Moisture for field scale predictions	ICSH	Poster	Mr. Usman Hyder Patoo	IIT Bombay	India
94	IAHS25_ABS_O1824	Enhancing Large-Scale Flood Modeling through Satellite Data Integra on: The RESCUE_SAT Project	ICSH	Poster	Dr. Elena Volpi	Roma Tre University	Italy
95	IAHS25_ABS_P5122	Quantum Dots and their Nanocomposites applications for Environmental Applications	HELPING theme 2	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Vatsala Cilamkoti	IIT Roorkee	India
9.00-10.30	3.1 Oral+ForumOral Wednesday, October 8						
#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country

Oral-17	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
Oral-18	IAHS25_ABS_S9767	Hydrologic drought-to-flood transitions in India	ICSW	Plenary Oral (15-minute oral presentation)	Dr. Pankaj Dey	IIT Roorkee	India
Oral-19	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
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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

10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	IAHS25_ABS_A5244	Understanding the impact of urban heat island effect on precipitation patterns in an urban microclimate	ICSW	Forum Oral (1-minute flash presentation)	Mr. Ashish Mishra	IIT Roorkee	India
19	IAHS25_ABS_H7404	Interannual Rainfall Variability of Indian River Basins: Long-term Stability and Emerging Climate Teleconnections	ICSW	Forum Oral (1-minute flash presentation)	Dr. Ashwini Arvind Ranade	National Institute of Hydrology Roorkee	India
20	IAHS25_ABS_L9034	Development of Urban Flood Inundation and Hazards Maps using Hydrodynamic Modelling and Geospatial Techniques	ICSW	Forum Oral (1-minute flash presentation)	Prof. GOPAL M NAIK	Osmania University	India
11.00-12.30 3.2 Oral+ForumOral Wednesday, October 8							
#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
Oral-20	IAHS25_ABS_E1024	IMPACT OF PEATLAND RESTORATION IN BOREAL CONDITIONS, A HYDROLOGICAL PERSPECTIVE	ICSW	Plenary Oral (15-minute oral presentation)	Prof. Hannu Marttila	University of Oulu	Finland

Oral-21	IAHS25_ABS_S3604	River basin trajectories under global change: earth observations and participatory hydrological modelling in the Senegal river basin	ICSW	Plenary Oral (15-minute oral presentation)	Dr. Andrew Ogilvie	French Research Institute for Sustainable Development (IRD)	France
Oral-22	IAHS25_ABS_Y8185	Using Ensemble Machine Learning to Analyze Climate Change Impacts on Hydropower Inflows in West Africa	ICSW	Plenary Oral (15-minute oral presentation)	Mr. Franck Herve Akaffou	Jean Lorougnon Guédé University	Cote d'Ivoire
1	IAHS25_ABS_X9372	The identification of critical zones in Southern Kerala river basins employing combined clustering and prioritization strategies.	ICSW	Forum Oral (1-minute flash presentation)	Ms. Athira R	College of Engineering Trivandrum	India
2	IAHS25_ABS_F6774	A hydro-signature integrated physics-informed machine learning (HS-PIML) framework for enhancing streamflow predictions across diverse catchments	ICSW	Forum Oral (1-minute flash presentation)	Mr. Ritesh Yewnath Moon	University of Birmingham	United Kingdom
3	IAHS25_ABS_Y6963	Remote Sensing based Systematic Wetland Improvement and Management (SWIM) Protocol: A Nature Based Solution for Disaster Risk Reduction in Bihar India	ICSW	Forum Oral (1-minute flash presentation)	Dr. Channarayapattana Narasimhamurthy PRABHU	Bihar Mausam Sewa Kendra	India
4	IAHS25_ABS_G8369	Rainwater Harvesting Potential Zone Mapping in Urban Areas Using GIS Remote Sensing and AHP: A Case Study of Hyderabad City	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Shaik Rehana	International Institute of Information Technology Hyderabad	India
5	IAHS25_ABS_N5514	Climate Change impacts on freshwater quantity and quality in Canada	ICSW	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Prof. RAM YERUBANDI	Ram Yerubandi Acting Director Environment and Climate Change Canada	Canada
6	IAHS25_ABS_V2968	Analysis of asymmetric behavior of storm runoff components in a tropical experimental catchment	ICSW	Forum Oral (1-minute flash presentation)	Mr. Rajat Kumar Sharma	NCESS Ministry of Earth Sciences	India
7	IAHS25_ABS_O4976	Climate change impact assessment on the hydrological response of the Tawa basin for sustainable water management	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Pragya Badika	IIT Roorkee	India
8	IAHS25_ABS_W3290	Changes in runoff response to rainfall along forest degradation gradients in the Lesser Himalaya of NW India	ICSW	Forum Oral (1-minute flash presentation)	Dr. Nuzhat Ul Qayoom Qazi	Himalayan Ecosystem Services Trust	India
9	IAHS25_ABS_W1278	Blending Subseasonal-to-Seasonal Hydrological Predictions from Multiple Forecasting Systems	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Burak Bulut	UK Centre for Ecology and Hydrology	United Kingdom
10	IAHS25_ABS_F3652	Urban hydrology challenges and solutions: insights from the Birmingham Urban River Observatory	ICSW	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Prof. David M Hannah	University of Birmingham	United Kingdom

11	IAHS25_ABS_V9526	Quantifying water balance dynamics and associated uncertainties in an irrigated catchment using open-source gridded datasets and hydrological modelling with improved process representation: case of Hindon River Basin India	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Raul Mendoza	Wageningen University & Research	Netherlands
12	IAHS25_ABS_Q4924	Hydrological Modeling of Extreme Floods in Mountain Permafrost Regions: A Case Study of Magadan Oblast Russia	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Mrs. Oksana Zhunusova	State Hydrological Institute	Russian Federation
13	IAHS25_ABS_O8976	A Comprehensive Framework for Modeling Releases in a Cascading Reservoir System	ICSW	Forum Oral (1-minute flash presentation)	Ms. Sruthakeerthi P	IIT Roorkee	India
14	IAHS25_ABS_R3591	Comparison of Flash Droughts and Conventional Droughts in Madhya Pradesh Using the SPEI Index	ICSW	Forum Oral (1-minute flash presentation)	Ms. Upasana Jha	IIT Hyderabad	India
15	IAHS25_ABS_M4544	Enhancing streamflow simulation of the SWAT model using parameter regionalization and high-resolution remote sensing data	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Bhabesh Das	IIT Roorkee	India
16	IAHS25_ABS_L7853	Trends in Urban Flooding with Rapidly Expanding Impervious Area	ICSW	Forum Oral (1-minute flash presentation)	Mr. Arkadip Mallik	IIT Delhi	India
17	IAHS25_ABS_I9774	Investigation of Open-Source LULC Datasets for Watershed Hydrology Simulation	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Prashant Prashant	IIT Roorkee	India
18	IAHS25_ABS_P3782	Assessing Extreme Flood Inundations in Brahmani-Baitarani Delta under Future Climate Change Scenarios with BiLSTM and HEC-RAS 2D Models	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Bhabagrahi Sahoo	IIT Kharagpur	India
19	IAHS25_ABS_U6566	Enhancing weather radar estimates of heavy rainfall for near real time landslide and flash flood EWS in Thailand	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Thom Bogaard	Delft University of Technology	Netherlands
20	IAHS25_ABS_P7530	Does MC-LSTM model improve the reliability of streamflow prediction in human-influenced watersheds in India?	ICSW	Forum Oral (1-minute flash presentation)	Mr. Gopeshwar Sahu	IIT Roorkee	India
13.30-15.00 3.3 Oral+ForumOral Wednesday, October 8							
#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
Oral-23	IAHS25_ABS_B7276	Research on Ensemble Probabilistic Flood Forecasting Based on Runoff and Rainfall Knowledge-Guided Deep Learning	ICSW	Plenary Oral (15-minute oral presentation)	Dr. LIU Chengshuai	Zhengzhou University	China
Oral-24	IAHS25_ABS_O3974	Reconstruction of the South Lhonak Lake Glacial Lake Outburst Flood (GLOF) in Sikkim Himalaya India	ICSIH	Plenary Oral (15-minute oral presentation)	Dr. Vishal Singh	National Institute of Hydrology Roorkee	India

Oral-25	IAHS25_ABS_X5929	Strengthening GLOF Risk Mitigation in India: Challenges and Strategies	ICSIH	Plenary Oral (15-minute oral presentation)	Dr. Gagandeep Singh	National Institute of Disaster Management	India
1	IAHS25_ABS_Q9988	Integration of non-linear conceptual reservoirs without tears using the QuaSoARe method	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Julien Lerat	CSIRO	Australia
2	IAHS25_ABS_Y1464	A simple calibration-free Dynamic Budyko model for streamflow prediction in data scarce regions	ICSW	Forum Oral (1-minute flash presentation)	Dr. Prashant Sandipan Istalkar	IIT Bombay	India
3	IAHS25_ABS_E1845	Satellite-based Surface water mapping using combined Optical and SAR	ICSW	Forum Oral (1-minute flash presentation)	Mr. Shagun Garg	University of Cambridge	United Kingdom
4	IAHS25_ABS_W8237	Sustainable Solutions for Stormwater Management in Urban Environments	ICSW	Forum Oral (1-minute flash presentation)	Mr. ARUP BABU	IIT Delhi	India
5	IAHS25_ABS_F1055	Assessing the Role of Wetlands as Nature-Based Solution in Flood Mitigation in Delhi-NCR	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Anish Aryal	IIT Delhi	India
6	IAHS25_ABS_F9104	Assessment of Climatic and Anthropogenic Activities Impact on Streamflow Response of the Anandapur Subasin using SWAT Model	ICSW	Forum Oral (1-minute flash presentation)	Ms. Shaheen shaheen	IIT Bhubaneshwar	India
7	IAHS25_ABS_Q2539	Regionalising high-mountain wetland hydrological behaviour in the Tropical Andes	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Anthony C Ross	Imperial College London	United Kingdom
8	IAHS25_ABS_R6357	Performance Evaluation of the Variable Parameter McCarthy-Muskingum Method and the Kinematic Wave Method for Overland Flow Simulation	ICSW	Forum Oral (1-minute flash presentation)	Dr. Ravindra Vitthal Kale	National Institute of Hydrology Roorkee	India
9	IAHS25_ABS_O7099	Spatiotemporal Characterization of Hydro-Meteorological Disasters in Indian Himalaya: An MCDM based Prioritization Approach for Disaster Resilience	ICSW	Forum Oral (1-minute flash presentation)	Dr. Pankaj Kumar	GBPUAT Pantnagar	India
10	IAHS25_ABS_M9227	Arctic Climate Variability and Its Influence on Seasonal Snow Dynamics in the Hindu Kush Himalayas	ICSIH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Anant Dikshit	IIT Roorkee	India
11	IAHS25_ABS_A2441	Impact of snow land data assimilation on hydrological processes in Community Land Model version 5 with SWEML	ICSIH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Jungho Seo	Yonsei University	Republic of Korea
12	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
13	IAHS25_ABS_I2525	ANALYSING THE HYDROLOGICAL RESPONSE OF THE GLACIATED GANGOTRI BASIN UNDER DRY WET AND NORMAL PRECIPITATION YEARS	ICSIH	Forum Oral (1-minute flash presentation)	Dr. Manish Kumar Nema	National Institute of Hydrology	India

14	IAHS25_ABS_U6726	Long-term Snow Cover Dynamics in the Indian North-Western Himalayas using Multi-Sensor Satellite Data	ICSIH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Ms. Sakshi Tripathi	IIT Roorkee	India
15	IAHS25_ABS_J6735	GIANT AUFEIS IN THE NORTHEAST OF RUSSIA ACCORDING TO THE HISTOTICAL DATA OF 1958 AND SATELLITE IMAGES OF 1973"2021	ICSIH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Olga Makarieva	St. Petersburg State University	Russian Federation
16	IAHS25_ABS_F8214	Impact of Spring Sea Ice Variability in the Barents-Kara Region on the Indian Summer Monsoon Rainfall	ICSIH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Divya Sardana	IIT Roorkee	India
17	IAHS25_ABS_I4513	Spatial and temporal variability of snow in Himalayan Mountains Catchment	ICSIH	Forum Oral (1-minute flash presentation)	Mr. Ayush Bharti	IIT Mandi	India
18	IAHS25_ABS_F9059	Evolving snow drought impacts on the hydrological behavior of headwater catchments in the Andes Cordillera.	ICSIH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. James McPhee	University of Chile	Chile
19	IAHS25_ABS_S2981	Co-Creating Water Knowledge for Climate Resilience: Understanding Precipitation Shifts and Their Impacts in South Asia and China	ICSIH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Dhiraj Pradhananga	Tribhuvan University/The Small Earth Nepal	Nepal
20	IAHS25_ABS_Q2742	Filling Intermittent and Continuous Discharge Data Gaps: A Comparative Evaluation of Imputation Methods	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Priyank J Sharma	IIT Indore	India

15.30-16.30

3.4 Poster | Wednesday, October 8

#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
1	IAHS25_ABS_B7634	Runoff and water regime of Russian rivers under climate change conditions	ICSW	Poster	Prof. Natalia Frolova	Lomonosov Moscow State University	Russian Federation
2	IAHS25_ABS_B6142	Multy-year spatio-temporal changes of water temperatures and river heat flux in rivers of Russian permafrost zone: patterns and drivers.	ICSW	Poster	Mr. Alexander Nikolaevich Vasilenko	Lomonosov Moscow State University	Russian Federation
3	IAHS25_ABS_K4287	Impact of Climate Change on Hydrology and Extreme Events in the Mahanadi River Basin: A SWAT+ Approach	ICSW	Poster	Mr. Debasish Mishra	IIT Roorkee	India
4	IAHS25_ABS_H6669	Prediction of Monthly Rainfall Using Classification and Regression Tree (Cart) Model for Semi-Arid Region Chhattisgarh India	ICSW	Poster	Mrs. Jugdambe Sharma	IIT (ISM) Dhanbad	India
5	IAHS25_ABS_U2273	Complexity of Historical and Future Rainfall Dynamics in India under Climate Change: A Nonlinear Dynamic Dimensionality Approach	ICSW	Poster	Dr. Deepthi B	KSCSTE	India

6	IAHS25_ABS_R1607	An integrated framework for quantifying flood risk at Ramsar wetlands	ICSW	Poster	Mr. Shivukumar Rakkasagi	IIT Indore	India
7	IAHS25_ABS_I2135	A Study on Flooding Characteristics of Pallikaranai Marshland Chennai	ICSW	Poster	Mr. Shubham Shaurabh	National Institute of Hydrology	India
8	IAHS25_ABS_N8305	Representation of Hydrological Processes in an Agricultural Watershed Using the SWAT+ Model. A case study in Central Cote d'Ivoire West Africa	ICSW	Poster	Mr. JeanYves Konan NGUESSAN	University Jean Lorougnon GUEDE	Cote d'Ivoire
9	IAHS25_ABS_L8056	Projected Hydrological Drought Characteristics and trends over the Pra River Basin Ghana	ICSW	Poster	Mr. Martin Addi	Ghana Space Science and Technology Institute	Ghana
10	IAHS25_ABS_A9784	Streamflow Estimation in the Upper Narmada Watershed: Evaluating the Efficacy of Transformer Models	ICSW	Poster	Mr. Siddik Barbhuiya	IIT Mandi	India
11	IAHS25_ABS_F6321	Complexity and Connectivity in Hydrology	ICSW	Poster	Prof. Bellie Sivakumar	IIT Bombay	India
12	IAHS25_ABS_J9378	Improving Hydrological Simulation Using Satellite-Based Rainfall Data	ICSW	Poster	Ms. Aiswarya SL	IIT Roorkee	India
13	IAHS25_ABS_X1389	Surface hydrology based hydro-meteorological thresholds for early warning of rainfall-induced landslides	ICSW	Poster	Mr. Sudhanshu Dixit	IIT Roorkee	India
14	IAHS25_ABS_T3767	Assessing Ensemble Medium-Range Weather Forecasts for Streamflow Prediction in a Southern Asian River Basin	ICSW	Poster	Ms. Ayushi Dharmeshbhai Panchal	Sardar Vallabhbhai National Institute of Technology Surat	India
15	IAHS25_ABS_W4115	Assessment of Wildfire Impacts on Water Balance Using the SWAT Model	ICSW	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Alejandra Stehr	Universidad de Concepción	Chile
16	IAHS25_ABS_K8809	Unveiling hydrological dynamics in data-scarce regions: experiences from the Ethiopian Rift Valley Lakes Basin	ICSW	Poster	Mr. Ayenew Ayalew	Kiel University	Germany
17	IAHS25_ABS_S7923	Comparative Study of Shallow Water Model (SWM) and Zero-Inertia Model (ZIM) for Flood Simulation in a Simplified Urban Catchment	ICSW	Poster	Ms. Pakhi Priyam	IIT Delhi	India
18	IAHS25_ABS_L6053	Development of a pre-computed surface water flood scenario catalogue using CARTINO 2D	ICSW	Poster	Mr. Akshay Kowlessar	Universite Gustave Eiffel	France
19	IAHS25_ABS_G6508	A Coupled Hydrological-Hydraulic Model for Urban Flood Simulation for the City of Hyderabad India	ICSW	Poster	Mr. Swagatam Bora	IIT Hyderabad	India
20	IAHS25_ABS_I8433	Improving peak flow estimation using an iterative channel routing approach	ICSW	Poster	Mr. Ekant Sarkar	IIT Bombay	India

21	IAHS25_ABS_I5078	Analytical Derivation of Richards's TM Equation and its Coupling with SCS-CN Concept for Efficacious Irrigation Scheduling	ICSW	Poster	Mr. Damodar Sharma	IIT Roorkee	India
22	IAHS25_ABS_O8382	Flood Risk Mapping for The Isipingo River Catchment Kwazulu-Natal: Enhancing Resilience Through Hydraulic Modelling	ICSW	Poster	Mr. Nicholas Byaruhanga	University of Kwazulu Natal	South Africa
23	IAHS25_ABS_W3870	Processes and water balance over the last 60 years in the Chari-Logone sub-basins Lake Chad basin	ICSW	Poster	Dr. Abdallah MAHAMAT NOUR	University of N'Djamena	Chad
24	IAHS25_ABS_Y7981	Enhancing River Discharge Observations: A Comparative Study of Current Meter and ADCP Methods using Rating Curves in Himalayan Rivers	ICSW	Poster	Mr. Abhishek Kumar	IIT Roorkee	India
25	IAHS25_ABS_O9584	Improving Evapotranspiration Resolution with Attention U-Net Downscaling	ICSW	Poster	Mr. Shailesh Kumar Jha	IIT Mandi	India
26	IAHS25_ABS_R8650	Performance Evaluation of the Lumped Hydrological Model for Streamflow Simulation Across Indian Subcontinent (ISC)	ICSW	Poster	Ms. Vidushi Sharma	IIT Mandi	India
27	IAHS25_ABS_M9345	Integrating Drought Monitoring and Crop Modelling for Enhanced Resilience in India	ICSW	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Suman Kumar Padhee	International Water Management Institute	India
28	IAHS25_ABS_X7890	A River's Burden: Interplay Between Microplastics and Heavy Metals and Their Ecotoxicological Consequences	ICSW	Poster with Video-Interview (Poster and 3-minute video interview)	Mrs. Shalini Shalini	Gurukul kangri deemed to be university haridwar	India
29	IAHS25_ABS_V2069	Insights into the relations among natural flow water abstractions and e-flow from a distributed hydrologic modeling approach.	ICSW	Poster with Video-Interview (Poster and 3-minute video interview)	Prof. Fabio Castelli	University of Florence	Italy
30	IAHS25_ABS_G2236	A non-Newtonian approach to model 2023 Sikkim Glacial Lake Outburst Flood	ICSW	Poster with Video-Interview (Poster and 3-minute video interview)	Mr. Abinash Ganapathy	IIT Roorkee	India
31	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
32	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
33	IAHS25_ABS_O4976	Climate change impact assessment on the hydrological response of the Tawa basin for sustainable water management	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Pragya Badika	IIT Roorkee	India

34	IAHS25_ABS_Q4924	Hydrological Modeling of Extreme Floods in Mountain Permafrost Regions: A Case Study of Magadan Oblast Russia	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Mrs. Oksana Zhunusova	State Hydrological Institute	Russian Federation
35	IAHS25_ABS_U6566	Enhancing weather radar estimates of heavy rainfall for near real time landslide and flash flood EWS in Thailand	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Thom Bogaard	Delft University of Technology	Netherlands
36	IAHS25_ABS_F1055	Assessing the Role of Wetlands as Nature-Based Solution in Flood Mitigation in Delhi-NCR	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Anish Aryal	IIT Delhi	India
37	IAHS25_ABS_O2539	Regionalising high-mountain wetland hydrological behaviour in the Tropical Andes	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Anthony C Ross	Imperial College London	United Kingdom
38	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
39	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
40	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
41	IAHS25_ABS_G8369	Rainwater Harvesting Potential Zone Mapping in Urban Areas Using GIS Remote Sensing and AHP: A Case Study of Hyderabad City	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Shaik Rehana	International Institute of Information Technology Hyderabad	India
42	IAHS25_ABS_W1278	Blending Subseasonal-to-Seasonal Hydrological Predictions from Multiple Forecasting Systems	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Burak Bulut	UK Centre for Ecology and Hydrology	United Kingdom
43	IAHS25_ABS_V9526	Quantifying water balance dynamics and associated uncertainties in an irrigated catchment using open-source gridded datasets and hydrological modelling with improved process representation: case of Hindon River Basin India	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Raul Mendoza	Wageningen University & Research	Netherlands
44	IAHS25_ABS_M4544	Enhancing streamflow simulation of the SWAT model using parameter regionalization and high-resolution remote sensing data	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Bhabesh Das	IIT Roorkee	India
45	IAHS25_ABS_I9774	Investigation of Open-Source LULC Datasets for Watershed Hydrology Simulation	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Prashant Prashant	IIT Roorkee	India

46	IAHS25_ABS_P3782	Assessing Extreme Flood Inundations in Brahmani-Baitarani Delta under Future Climate Change Scenarios with BiLSTM and HEC-RAS 2D Models	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Bhabagrahi Sahoo	IIT Kharagpur	India
47	IAHS25_ABS_Q9988	Integration of non-linear conceptual reservoirs without tears using the QuaSoARe method	ICSW	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Julien Lerat	CSIRO	Australia
48	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
49	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
50	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
51	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
52	IAHS25_ABS_N5514	Climate Change impacts on freshwater quantity and quality in Canada	ICSW	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Prof. RAM YERUBANDI	Ram Yerubandi Acting Director Environment and Climate Change Canada	Canada
53	IAHS25_ABS_F3652	Urban hydrology challenges and solutions: insights from the Birmingham Urban River Observatory	ICSW	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Prof. David M Hannah	University of Birmingham	United Kingdom
54	IAHS25_ABS_W5834	Development of a New Model Platform to Represent Forest Snow Interactions Using Relative Canopy Structure Metrics	ICSIH	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. C. David Moeser	U.S. Geological Survey	United States
55	IAHS25_ABS_W7191	Glacier meltwater has limited contributions to the annual runoff in the major rivers draining the Tibetan Plateau	ICSIH	Poster	Dr. Yi Nan	Tsinghua University	China
56	IAHS25_ABS_L1269	Assessing the Impact of Forest Disturbances on Snowpack Dynamics: A Multi-Model Intercomparison	ICSIH	Poster	Dr. John Mohd Wani	University of Trento	Italy
57	IAHS25_ABS_C7582	Physics-based simulation of long-term hydrological changes at high-elevation alpine catchments with varying glaciations in central Europe since 1850	ICSIH	Poster	Prof. Gabriele Chiogna	Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU)	Germany

58	IAHS25_ABS_H9651	Assimilation of multichannel passive microwave data for improved estimates of snow microstructure	ICSIH	Poster	Dr. Mel Sandells	Northumbria University	United Kingdom
59	IAHS25_ABS_K6090	Study on Soil Moisture Redistribution during Freezing Processes under Pressure	ICSIH	Poster	Dr. Dayan Wang	Northwest Institute of Eco-Environment and Resources Chinese Academy of Sciences	China
60	IAHS25_ABS_V8136	Advancing Non-Contact River Flow Measurements: Winter Flow Assessment Using LSPIV and Ice-Covered Channel Analysis	ICSIH	Poster	Dr. Adeyemi Oludapo Olusola	York University	Canada
61	IAHS25_ABS_L6709	TEMPORAL DYNAMICS OF SOIL MOISTURE IN GLOBAL LAND AREAS: A COMPLEX NETWORK-BASED APPROACH	ICWRS	Poster	Mrs. Anagha Prabhakar	IIT Bombay	India
62	IAHS25_ABS_M3260	Drought Characteristics Risk and Vulnerability in Peninsular India: Use of a Complex Network Approach	ICWRS	Poster	Ms. Devika Chandrababu Salini	IIT Bombay	India
63	IAHS25_ABS_I4661	Future Water Availability in Mountainous Regions: Integrating Hydro-Meteorological Extremes and Water Resource Components	ICWRS	Poster	Mr. Prem Prakash	IIT Jammu	India
64	IAHS25_ABS_D4282	Integrated Modeling Framework for Managing Flood Risk in Hydropower Dams under Uncertain Inflows	ICWRS	Poster	Dr. Dipsikha Devi	The University of Alabama	United States
65	IAHS25_ABS_T1921	Drivers of inter-event variability of recession flow characteristics	ICWRS	Poster	Mr. Owees Rashid	IIT Kanpur	India
66	IAHS25_ABS_V9528	Hydrology of Coastal Wetlands: A Case Study from the Point Calimere Ramsar Site in a Semi-arid Zone on the Southeast Coast of India	ICWRS	Poster with Video-Interview (Poster and 3-minute video interview)	Prof. Erinjery Joseph James	Karunya Institute of Technolog	India
67	IAHS25_ABS_C6662	Projecting Flood Risk and Socio-Economic Exposure in a Large River Basin under various Global Warming Level	ICWRS	Poster	Mr. Rishi Gupta	IIT Jammu	India
68	IAHS25_ABS_V3901	Optimizing Seepage Control and Stability in Earth Dams: A Comprehensive Review of Toe Drains and Horizontal Drains	ICWRS	Poster	Mr. SUBODH SHRIVASTAVA	IIT Dhanbad	India
69	IAHS25_ABS_P3089	Enhancing the SWAT+ Reservoir Simulation Using Simulated Annealing Optimization in the Cedar Creek Watershed	ICWRS	Poster	Mr. SREERAJ SREENIVAS	IIT PALAKKAD	India
70	IAHS25_ABS_R1985	A Novel Framework for Identifying the Homogenous Rainfall Regions Over the Indian Subcontinent	ICWRS	Poster	Mr. Siva Sai Syam Nandikanti	IIT Hyderabad	India

71	IAHS25_ABS_Y9988	Impact of IDF curve parameterization on design of rainwater detention basins	ICWRS	Poster	Dr. Dan Rosbjerg	Technical University of Denmark	Denmark
72	IAHS25_ABS_R2796	Data driven Hydrological Modelling for Sustainable Water management in an Educational Campus	ICWRS	Poster	Dr. Dawn Emil Sebastian	Indian Institute for Human Settlements	India
73	IAHS25_ABS_R6722	Changes in water balance and thermal regime of the Mozhaysk Reservoir (Moscow region Russia) in XXI century	ICWRS	Poster	Ms. Maria Tereshina	Lomonosov Moscow State University	Russian Federation
74	IAHS25_ABS_P6627	Identifying Adaptive Management Strategies for Water Resource Systems Under Changing Climatic Conditions	ICWRS	Poster	Mr. Akshay Sunil	IIT Bombay	India
75	IAHS25_ABS_I3446	Projected flash drought evolution across Europe under different emission scenarios	ICWRS	Poster	Mr. Devvrat Yadav	CZU Prague	Czech Republic
76	IAHS25_ABS_V3262	Assessing the Global Energy Demand for Irrigation	ICWRS	Poster	Dr. Davide Danilo Chiarelli	Politecnico di Milano	Italy
77	IAHS25_ABS_T8762	Development of an Integrated Flood Risk Information System for the Jonkershoek Region Western Cape	ICWRS	Poster	Dr. Daniel Kibirige	University of Cape Town	South Africa
78	IAHS25_ABS_A6262	Unveiling the Dynamics of Green and Blue Water Footprint for Indian Agriculture: A High-Resolution Spatio-Temporal analysis	ICWRS	Poster	Mrs. Meena Sakthivel Pandian	IIT Roorkee	India
79	IAHS25_ABS_M7871	Hydrological Simulation of Forest Fire Impacts in the Kosi River Watershed Uttarakhand India	ICWRS	Poster	Dr. Biswajit Das	IIT Roorkee	India
80	IAHS25_ABS_V2488	Quantifying Changes in Multi-sectoral Trade-offs for a Large Multipurpose Reservoir under Changing Climatic and Socio-economic Conditions	ICWRS	Poster	Mr. Muhammed Rashid	IIT Bombay	India
81	IAHS25_ABS_A7792	Leak Characterization Framework in Pressurized Single Water Pipelines of Smart Water Systems using Fluid Transients	ICWRS	Poster	Ms. Dasari Navya	IIT Kharagpur	India
82	IAHS25_ABS_F3880	Inclined wall jets – A comprehensive review	ICWRS	Poster	Mr. Md Shaheer Ali	IIT Roorkee	India
83	IAHS25_ABS_M6925	Heavy Metal Pollution in Surface Water Bodies of Uttarakhand	ICSW	Poster	Dr. Mamta Bhandari	IIT Roorkee	India
84	IAHS25_ABS_L5899	Assessment of impact of Land use/Land cover changes on temporal dynamics of wetland watershed using remote sensing technique: A case study of Sonbeel wetland watershed	ICSW	Poster	Dr. Briti Sundar Sil	NIT Silchar	India
85	IAHS25_ABS_R5171	Dry-to-wet abrupt transitions and the changes in these with global warming	ICSW	Poster	Dr. Pallavi Goswami	Monash University	Australia

86	IAHS25_ABS_P7256	A SWMM-Based Framework for Evaluating Functional and Structural Failures in Urban Drainage Systems	ICSW	Poster	Prof. Mitthan Kansal	IIT Roorkee	India
87	IAHS25_ABS_A3857	Process-based Classification of River Floods Using Explainable Machine Learning in Monsoon-Dominated Catchments of India	ICSW	Poster	Mr. Vaibhav Tripathi	IIT Roorkee	India
88	IAHS25_ABS_D4635	Assessment of the impacts of land cover change and fragmentation in Loktak wetlandscape: A remote sensing approach	ICRS	Poster	Ms. Ajusree V K	IIT Kanpur	India
89	IAHS25_ABS_O3282	Spatio-temporal dynamics of riverine islands over multi-decadal timescales of the Lower Ganga River (India): Insights from remote sensing datasets	ICRS	Poster	Ms. Atmika Ray	IIT Kanpur	India
90	IAHS25_ABS_X6100	Enhancing Field-Scale Evapotranspiration Mapping with Gap-Filled and Downscaled LST: A Machine Learning Approach over India	ICRS	Poster	Mr. Rahul Harod	IIT Bombay	India
91	IAHS25_ABS_F2655	Integrating vegetation index-based evapotranspiration disaggregation and crop water balance model for farm-scale vineyard irrigation estimation	ICRS	Poster	Mrs. Sangeetharani M	IIT Bombay	India
92	IAHS25_ABS_W6721	Cryospheric melt and streamflow dynamics in High Mountain Asia (HMA): Insights from stable water isotopes	ICSIH	Poster	Prof. Ghulam Jeelani	University of Kashmir	India
11.00-12.30 4.2 Oral+ForumOral Thursday, October 9							
#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
Oral-26	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
Oral-27	IAHS25_ABS_X1730	Low-Cost Hydrometry Techniques: A comparative assessment of Lidar- and Radar-Based non-contact hydrometry in mountainous rivers	MOXXI	Plenary Oral (15-minute oral presentation)	Prof. Sumit Sen	IIT Roorkee	India
Oral-28	IAHS25_ABS_N5722	On Ancestral Art of Making Dams: Transforming Science into Engaged People	HH	Plenary Oral (15-minute oral presentation)	Prof. Eduardo Mario Menciondo	University of Sao Paulo	Brazil
1	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
2	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

3	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
4	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
5	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
6	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
7	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
8	IAHS25_ABS_N3286	Demystifying Water Logging and Groundwater Recharge in Marathwada: Hydrologic Impact Evaluation of Recharge Pits	MOXXI	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Lakshmikantha N R	WELL Labs	India
9	IAHS25_ABS_O5325	ADDRESSING DATA GAPS IN COASTAL TIDAL OBSERVATIONS USING A HYBRID GIS AND PHYSICS-INFORMED NEURAL NETWORK	MOXXI	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Anas A	National Institute of Technology Calicut	India
10	IAHS25_ABS_W2941	Automated riverbank monitoring system: Integration of image-based technologies for erosion and discharge assessment	MOXXI	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Laszlo Bertalan	University of Debrecen	Hungary
11	IAHS25_ABS_N4907	Facing environmental threats in Mediterranean agro-ecosystems: The contribution of the Alento critical zone observatory.	MOXXI	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Nunzio Romano	University of Naples Federico II	Italy
12	IAHS25_ABS_F3263	Advancing river monitoring using image-based techniques: challenges and opportunities	MOXXI	Forum Oral (1-minute flash presentation)	Prof. Salvatore Manfreda	University of Naples Federico II	Italy
13	IAHS25_ABS_T3651	A Cost-Effective Probe for Monitoring Flux Rates at Sediment-Water Interface	MOXXI	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. P Kedarnath Reddy	Indian Institute of Technology	India
14	IAHS25_ABS_E8957	Identification of convective precipitation events through lightning data in a Mediterranean area	MOXXI	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Leonardo Valerio Noto	University of Palermo	Italy
15	IAHS25_ABS_E8266	Enhancing Hydrological Observations for Sustainable Water Management: A Focus on ISMN	MOXXI	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Tunde Olarinoye	International Centre for Water Resources and Global Change	Germany

16	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
17	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
18	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
19	IAHS25_ABS_F7029	Exploring Coincidental Compound Extremes in Pan-Himalayan River Basins under Changing Climate	ICSH	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Achala Singh	IIT Indore	India
20							
13.30-15.00 4.3 Oral+ForumOral Thursday, October 9							
#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
Oral-29	IAHS25_ABS_N3288	Probabilistic groundwater flood maps for improved risk assessment	ICGW	Plenary Oral (15-minute oral presentation)	Dr. Beatrice Richieri	Friedrich-Alexander-University	Germany
Oral-30	IAHS25_ABS_T6439	Advancing Hydrogeochemical Modeling and Sustainable Water Resource Management: Insights into Pyrite Oxidation Contaminant Transport and Urban Stormwater Systems	ICGW	Plenary Oral (15-minute oral presentation)	Dr. GAUTAM ROY	IIT Bombay	India
Oral-31	IAHS25_ABS_D5433	Submarine Groundwater Discharge: A Hidden Water Pathway	ICGW	Plenary Oral (15-minute oral presentation)	Dr. JEENU MATHAI	National Centre for Earth Science Studies	India
1	IAHS25_ABS_W9319	ASSESSING POTENTIAL OF CROP SWITCHING TO CHECK GROUNDWATER DEPLETION IN NORTH-WEST INDIA	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Divyam Garg	IIT Roorkee	India
2	IAHS25_ABS_T3348	Unveiling the Drivers of Groundwater Resilience: Hydrogeology and Aridity	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Akhil J	IIT Delhi	India
3	IAHS25_ABS_E5219	Groundwater potential zone identification in a coastal region using AHP and ML technique	ICGW	Forum Oral (1-minute flash presentation)	Ms. SHUBHSHREE PANDA	NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA	India
4	IAHS25_ABS_P4217	Assessing Data-Based Global Groundwater Use for Irrigation in CLM5: Hotspots and Sustainability Implications	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. MANAS RANJAN PANDA	YONSEI UNIVERSITY	Republic of Korea
5	IAHS25_ABS_I6640	Coupled hydrological modeling with SWAT-MODFLOW using heliborne data in the Ankasandra watershed Karnataka India	ICGW	Forum Oral (1-minute flash presentation)	Dr. Ajaykumar Venkatarao	CSIR-National Geophysical Research Institute	India

6	IAHS25_ABS_C5609	Modelling colloid-facilitated contaminant transport in unsaturated porous media	ICGW	Forum Oral (1-minute flash presentation)	Ms. GEETANJALI AHIRWAL	MANIT BHOPAL	India
7	IAHS25_ABS_K4680	Prediction of Nitrate Concentration throughout California USA using Machine Learning Model	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. ANISHA DAS	IIT ROPAR	India
8	IAHS25_ABS_J5422	Groundwater Storage Estimation in Uttar Pradesh by GRACE/GRACE-FO using Geospatial technology and Google Earth Engine	ICGW	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. SWARNIM MAURYA	University of Allahabad	India
9	IAHS25_ABS_P6845	Hydrogeochemical evaluation of groundwater resources around Raichur Thermal Power Plant Karnataka India with emphasis on fluoride and nitrate contamination	ICGW	Forum Oral (1-minute flash presentation)	Ms. Yeshwini Dyagala	CSIR-NGRI	India
10	IAHS25_ABS_U3229	Spring Water Mass Quantification Through End Members mixing Employing Biogeochemical Tracers in Southern Western Ghats Kerala India	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Utpal Majee	National Centre for Earth Science Studies	India
11	IAHS25_ABS_L3156	Spatiotemporally Non-Stationary Evolution of Groundwater Levels in Poyang Lake Basin Driven by Meteorological and Hydrological Factors	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Chengpeng Lu	Hohai Univerisity	China
12	IAHS25_ABS_C9672	Estimation of aquifer recharge of the semi-arid Konya Closed Basin in T�rkiye under climate change	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Nadim Kamel Copt�	Bogazici University	Turkey
13	IAHS25_ABS_A4544	Groundwater remediation through engineered injection-extraction systems: The effect of random perturbations on mixing enhancement	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Carla Feistner	GeoZenrum Nordbayern	Germany
14	IAHS25_ABS_A4116	Assessment of hydrogeochemical characteristics and seawater Intrusion using geostatistical techniques: A case study from Eastern Coastal Aquifer Odisha India	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Smruti Pragyan Parija	Ravenshaw University	India
15	IAHS25_ABS_R1662	Health Risk Assessment and Contaminant Monitoring of Groundwater in the Khetri Copper Mining Region	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Bhavya Swami	IIT Roorkee	India
16	IAHS25_ABS_G2541	Groundwater Quality Degradation from a Closed Landfill: The Persistent Threat of Antibiotic Resistance Genes.	ICGW	Forum Oral (1-minute flash presentation)	Mrs. Amala Jaison	college of engineering trivandrum	India
17	IAHS25_ABS_Y7252	MACHINE LEARNING-BASED PREDICTION OF GROUNDWATER SALINIZATION ACROSS INDIAN STATES	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Ankita Manekar	IIT Kharagpur	India

18	IAHS25_ABS_K3036	Integration of Machine Learning Approach with Hydro-Geochemistry for Groundwater Quality Assessment and Contamination Mapping in Kishangarh Rajasthan India	ICGW	Forum Oral (1-minute flash presentation)	Mr. Manish Kumar	Indian Institute of Technology (Indian School of Mines) Dhanbad	India
19	IAHS25_ABS_L5282	Geochemical and isotopic characterization of geothermal fluids in the West Coast Geothermal Province India	ICGW	Forum Oral (1-minute flash presentation)	Mr. Prasenjit Das	National Centre for Earth Science Studies	India
20	IAHS25_ABS_N3273	Characterization of Hydrogeological Attributes for Springsheds with Groundwater Aquifers using Hybrid Geospatial AHP Fuzzy Logic Techniques	ICGW	Forum Oral (1-minute flash presentation)	Dr. ROMEJI NGANGBAM	National Institute of Technology Manipur Department of Civil Engineering	India
15.30-16.30							
4.4 Oral+ForumOral Thursday, October 9							
#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
Oral-32	IAHS25_ABS_K8911	Recharging Tradition Ensuring the Future: The Impact of Minor Irrigation Tank Rehabilitation on Groundwater in Andhra Pradesh	ICGW	Plenary Oral (15-minute oral presentation)	Mr. Shubham Goswami	IISc Bangalore	India
1	IAHS25_ABS_G6145	Effects of groundwater transient boundary conditions generated by anthropogenic factors on mixing enhancement: Laboratory and model-based evidence	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Francesca Ziliotto	Technical University of Munich (TUM)	Germany
2	IAHS25_ABS_B8698	An integrated approach to determine the groundwater recharge in the coastal regions of North-eastern Odisha India	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Subhashree Biswal	Ravenshaw University Cuttack	India
3	IAHS25_ABS_A5325	Assessment of Groundwater Dynamics in Agro-Climatic Zone of Eastern India using Data-driven approaches	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Gaurav Dumoga	IIT Bombay	India
4	IAHS25_ABS_D7083	Understanding Aquifer Dynamics of Springs in the Tawi River Catchment Jammu & Kashmir UT Western Himalayas	ICGW	Forum Oral (1-minute flash presentation)	Dr. Bhargabnanda Dass	National Institute of Hydrology	India
5	IAHS25_ABS_A2730	Chlorinated solvents in UK Groundwater: A Data-Driven Analysis of Long-Term Trends and Occurrence Prediction	ICGW	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Ms. Nouha Samlani	Teesside University	United Kingdom
6	IAHS25_ABS_Q6225	Using collaborative Agent-Based Modelling (ABM) to enhance decision making in agricultural water use	HELPING theme 3	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. David Gwapedza	University of Namibia	Namibia
7	IAHS25_ABS_M8479	What do we need to know? Ten questions about climate and water challenges in Berlin-Brandenburg	HELPING theme 3	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Pedro Henrique Lima Alencar	Technische Universite Berlin	Germany

8	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
9	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
10	IAHS25_ABS_I6750	Assessing the Impact of Wildfires on Soil and Water Quality Using Hyperspectral Remote Sensing and Field Analysis	ICRS	Forum Oral (1-minute flash presentation)	Mr. Pankaj Patidar	IIT Roorkee	India
11	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
12	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
13	IAHS25_ABS_J1018	HydroSecure Dashboard: Advancing Climate Resilience through Flood and Drought Monitoring and Management in Africa	ICRS	Forum Oral (1-minute flash presentation)	Dr. Giriraj Amarnath	International Water Management Institute (IWMI)	Sri Lanka
14	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
15	IAHS25_ABS_W7088	Spatio-Temporal Investigation of Precipitation Variability and Extreme Rainfall in the Cauvery Basin Tamil Nadu India Using CMIP6 data	ICRS	Forum Oral (1-minute flash presentation)	Dr. Saravanan Subbarayan	National Institute of Technology Tiruchirappalli India	India
16	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
17	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
18	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
19	IAHS25_ABS_R7668	Seasonal Shifts in Snowpack Dynamics and Their Response to Climate Change in the Swiss Alps	ICSIH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Ms. Fatemeh Zakeri	University of Lausanne	Switzerland

20	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
21	IAHS25_ABS_X1946	HYDROLOGICAL AND WATER QUALITY IMPACTS OF CLIMATE VARIABILITY AND LAND-USE CHANGE: A CASE STUDY OF THE MUDA RIVER CATCHMENT	ICWQ	Forum Oral (1-minute flash presentation)	Dr. Siti Nurhidayu Abu Bakar	Universiti Putra Malaysia	Malaysia
22	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 Djeugoue	Universite de Douala	Cameroon
23	IAHS25_ABS_N6326	WATER QUALITY MONITORING AND RISK ASSESSMENT FOR INDIAN COASTAL RAMSAR WETLANDS	ICWQ	Forum Oral (1-minute flash presentation)	Mr. VIJAY JAIN	IIT INDORE	India
24	IAHS25_ABS_H6606	Hydropeaking affects groundwater flow and transport processes: a multiple spatial and temporal analysis	ICGW	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Monica Basilio Hazas	Friedrich-Alexander-Universität Erlangen-Nürnberg	Germany
25							

16.30-18.00

4.5 Poster | Thursday, October 9

#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
1	IAHS25_ABS_I5603	Role of strike-slip faults in regional groundwater flow systems revealed by a multi-tracer approach	ICT	Poster	Dr. Koichi Sakakibara	Shinshu University	Japan
2	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
3	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
4	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
5	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
6	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
7	IAHS25_ABS_W2445	The role of efficient soil and water monitoring schemes for the design and implementation of agricultural policies protecting the environment and securing farmers' income.	MOXXI	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Konstantinos X Soulis	Agricultural University of Athens	Greece

8	IAHS25_ABS_W2941	Automated riverbank monitoring system: Integration of image-based technologies for erosion and discharge assessment	MOXXI	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Laszlo Bertalan	University of Debrecen	Hungary
9	IAHS25_ABS_E8957	Identification of convective precipitation events through lightning data in a Mediterranean area	MOXXI	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Leonardo Valerio Noto	University of Palermo	Italy
10	IAHS25_ABS_O5325	ADDRESSING DATA GAPS IN COASTAL TIDAL OBSERVATIONS USING A HYBRID GIS AND PHYSICS-INFORMED NEURAL NETWORK	MOXXI	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Anas A	National Institute of Technology Calicut	India
11	IAHS25_ABS_N4907	Facing environmental threats in Mediterranean agro-ecosystems: The contribution of the Alento critical zone observatory.	MOXXI	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Nunzio Romano	University of Naples Federico II	Italy
12	IAHS25_ABS_T3651	A Cost-Effective Probe for Monitoring Flux Rates at Sediment-Water Interface	MOXXI	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. P Kedarnath Reddy	Indian Institute of Technology	India
13	IAHS25_ABS_E8266	Enhancing Hydrological Observations for Sustainable Water Management: A Focus on ISMN	MOXXI	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Tunde Olarinoye	International Centre for Water Resources and Global Change	Germany
14	IAHS25_ABS_N3286	Demystifying Water Logging and Groundwater Recharge in Marathwada: Hydrologic Impact Evaluation of Recharge Pits	MOXXI	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Lakshmikantha N R	WELL Labs	India
15	IAHS25_ABS_F9936	Development of runoff generation models in the former USSR and Russia: a historical overview	HH	Poster	Prof. Alexander Gelfan	Lomonosov Moscow State University	Russian Federation
16	IAHS25_ABS_F3281	Hydro-history of Lebanon from antiquity to modern times	HH	Poster	Dr. Mohammad Merheb	Institut Agro Rennes Angers	France
17	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
18	IAHS25_ABS_U6573	Modelling of Groundwater Aquifer under MAR	ICGW	Poster	Mr. Vedant Jha	IIT Roorkee	India
19	IAHS25_ABS_P8789	Water from Everest: Using a Mixed-methods Approach to Understand Alternative Potable Water Groundwater Zones and Resource Management Techniques Using Indigenous Knowledge	ICGW	Poster	Ms. Chasalin T Cobb	Ball State University	United States
20	IAHS25_ABS_V5259	Fluoride Mobilization in Groundwater: Role of Lithology and Weathering in Pali District Rajasthan India	ICGW	Poster	Dr. Ajit Kumar Behera	National Institute of Hydrology Roorkee	India

21	IAHS25_ABS_R1659	Fate and transport of pharmaceuticals and personal care products from Delhi NCR surface waters into the subsurface.	ICGW	Poster	Mrs. Smriti Gupta	IIT Roorkee	India
22	IAHS25_ABS_L1923	Prediction of Groundwater Fluoride Contamination Based on Machine Learning Techniques in the Arid Region of Rajasthan	ICGW	Poster	Dr. Sushindra Kumar Gupta	National Institute of Hydrology Roorkee	India
23	IAHS25_ABS_E3050	Sequential Gaussian Mixtures for Transient Hydraulic Tomography Inversion in Fractured Aquifers: A Laboratory Study	ICGW	Poster	Mr. Prem Chand Muraharirao	IIT Hyderabad	India
24	IAHS25_ABS_X5755	Machine Learning Approaches for Groundwater Forecasting in the Eastern Mitidja Aquifer North Algeria	ICGW	Poster with Video-Interview (Poster and 3-minute video interview)	Ms. Fatima Kastali	The National School of Hydraulics (ENSH)	Algeria
25	IAHS25_ABS_D5594	Large-scale landslides influenced by saline water plume intrusion - An example of the Okimi landslide in Central Japan -	ICGW	Poster	Dr. Naoki Watanabe	Niigata Univerdity	Japan
26	IAHS25_ABS_B6830	Design of a cost-effective pressure plate apparatus for measuring pressure-saturation relationship in a range of plant-available soil moisture	ICGW	Poster	Mr. ADHITYA C U	IIT KANPUR	India
27	IAHS25_ABS_X3223	Comprehending Managed Aquifer Recharge (MAR) dynamics using high resolution hydro-geophysical methods in granitic terrain Southern India	ICGW	Poster	Mr. Sagar Phadnis	CSIR-National Geophysical Research Institute, Hyderabad	India
28	IAHS25_ABS_R3619	Groundwater Quality Assessment Using MCDM Models in Nadia West Bengal	ICGW	Poster	Mr. Samparka Sengupta	Adamas University	India
29	IAHS25_ABS_D5229	Impact of model selection on groundwater level time series modelling for drought monitoring	ICGW	Poster	Dr. Jose David Henao Casas	Vrije Universiteit Amsterdam	Netherlands
30	IAHS25_ABS_H9153	Rapid Land Use Changes Driving Groundwater Dynamics in Tropical Coastal Regions: Hydrochemical and Remote Sensing Insights	ICGW	Poster	Mrs. Ananya Muduli	IIT Roorkee	India
31	IAHS25_ABS_A1413	Trace metal anomalies in groundwater of hard aquifer of Northern Odisha: Sources Governance and its health impacts	ICGW	Poster	Ms. GARGI SINGH	Ravenshaw university	India
32	IAHS25_ABS_E4665	Hydrochemical characteristics of groundwaters by multivariate analysis the from Takisaka Landslide Japan	ICGW	Poster	Ms. Rika Kiyose	Niigata University	Japan
33	IAHS25_ABS_T3348	Unveiling the Drivers of Groundwater Resilience: Hydrogeology and Aridity	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Akhil J	IIT Delhi	India

34	IAHS25_ABS_P4217	Assessing Data-Based Global Groundwater Use for Irrigation in CLM5: Hotspots and Sustainability Implications	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. MANAS RANJAN PANDA	YONSEI UNIVERSITY	Republic of Korea
35	IAHS25_ABS_K4680	Prediction of Nitrate Concentration throughout California USA using Machine Learning Model	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. ANISHA DAS	IIT ROPAR	India
36	IAHS25_ABS_C9672	Estimation of aquifer recharge of the semi-arid Konya Closed Basin in T�rkiye under climate change	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Nadim Kamel Copt�	Bogazici University	Turkey
37	IAHS25_ABS_A4116	Assessment of hydrogeochemical characteristics and seawater Intrusion using geostatistical techniques: A case study from Eastern Coastal Aquifer Odisha India	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Smruti Pragyan Parija	Ravenshaw University	India
38	IAHS25_ABS_Y7252	MACHINE LEARNING-BASED PREDICTION OF GROUNDWATER SALINIZATION ACROSS INDIAN STATES	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Ankita Manekar	IIT Kharagpur	India
39	IAHS25_ABS_B8698	An integrated approach to determine the groundwater recharge in the coastal regions of North-eastern Odisha India	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Subhashree Biswal	Ravenshaw University Cuttack	India
40	IAHS25_ABS_W9319	ASSESSING POTENTIAL OF CROP SWITCHING TO CHECK GROUNDWATER DEPLETION IN NORTH-WEST INDIA	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Divyam Garg	IIT Roorkee	India
41	IAHS25_ABS_U3229	Spring Water Mass Quantification Through End Members mixing Employing Biogeochemical Tracers in Southern Western Ghats Kerala India	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Utpal Majee	National Centre for Earth Science Studies	India
42	IAHS25_ABS_L3156	Spatiotemporally Non-Stationary Evolution of Groundwater Levels in Poyang Lake Basin Driven by Meteorological and Hydrological Factors	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Chengpeng Lu	Hohai Univerisity	China
43	IAHS25_ABS_A4544	Groundwater remediation through engineered injection-extraction systems: The effect of random perturbations on mixing enhancement	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Carla Feistner	GeoZenrum Nordbayern	Germany
44	IAHS25_ABS_R1662	Health Risk Assessment and Contaminant Monitoring of Groundwater in the Khetri Copper Mining Region	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Bhavya Swami	IIT Roorkee	India
45	IAHS25_ABS_G6145	Effects of groundwater transient boundary conditions generated by anthropogenic factors on mixing enhancement: Laboratory and model-based evidence	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Francesca Ziliotto	Technical University of Munich (TUM)	Germany

46	IAHS25_ABS_A5325	Assessment of Groundwater Dynamics in Agro-Climatic Zone of Eastern India using Data-driven approaches	ICGW	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Gaurav Dumoga	IIT Bombay	India
47	IAHS25_ABS_J5422	Groundwater Storage Estimation in Uttar Pradesh by GRACE/GRACE-FO using Geospatial technology and Google Earth Engine	ICGW	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. SWARNIM MAURYA	University of Allahabad	India
48	IAHS25_ABS_A2730	Chlorinated solvents in UK Groundwater: A Data-Driven Analysis of Long-Term Trends and Occurrence Prediction	ICGW	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Ms. Nouha Samlani	Teesside University	United Kingdom
49	IAHS25_ABS_F4054	Water Vapour Isotopes and controlling factors at Roorkee Uttarakhand India	ICT	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Gopal Krishan	National Institute of Hydrology Roorkee	India
50	IAHS25_ABS_B9048	Groundwater Age Distribution and Isotopic Characteristics in the Arid Kachchh Region Western India	ICT	Poster	Dr. Amit Pandey	National Institute of Hydrology	India
51	IAHS25_ABS_S9210	Assessing Coastal Groundwater Vulnerability Using the DPASTIC Model: A GIS-Based Modification of DRASTIC in Tropical Coastal Regions	ICGW	Poster	Mrs. Ananya Muduli	IIT Roorkee	India
52	IAHS25_ABS_N2414	Microplastic concentrations in groundwater - A worldwide assessment	ICGW	Poster	Dr. Uwe Schneidewind	University of Birmingham	United Kingdom
53	IAHS25_ABS_B6465	Leveraging water quality data to reduce uncertainty in mountain aquifer modeling	ICGW	Poster	Dr. Mariaines Di Dato	University of Trento	Italy
54	IAHS25_ABS_V9967	SAdAadaDAAD	ICGW	Poster	Dr. Debashish	SDC	India
55	IAHS25_ABS_B9214	Emerging trends in terrestrial water storage of the global key hotspot regions	ICGW	Poster	Mr. Roniki Anjaneyulu	IIT Roorkee	India
56	IAHS25_ABS_R3528	Temporal stability of soil moisture for a revegetation desert area China	MOXXI	Poster	Dr. Xinping Wang	Northwest Institute of Eco-Environment and Resources Chinese Academy of Sciences	China
57	IAHS25_ABS_T5538	Wildfire mapping in dry deciduous forests of southern West Bengal and measurement of soil physicochemical changes for Forest Beat-level management	MOXXI	Poster	Mr. Kunal Mallick	Presidency University Kolkata	India
58	IAHS25_ABS_F5601	Assessing the Porous-media clogging by Micro-plastics contaminated filtrate media	ICGW	Poster	Ms. Anjali Bhagwat	NIH Roorkee	India
59	IAHS25_ABS_K8040	Quantifying geogenic and anthropogenic contribution to groundwater pollution using APCS-MLR receptor model	ICGW	Poster	Mr. Darshan Malviya	IIT Roorkee	India

60	IAHS25_ABS_Q7023	A DPSIR approach to arsenic and other geogenic contaminants in global groundwater	ICGW	Poster	Dr. Poulomee Coomar	National Centre for Earth Sciences Studies Trivandrum	India
61	IAHS25_ABS_P7560	Identifying Groundwater Storage Potential Zonation in an Arid Cratonic Region	ICGW	Poster	Mr. Ravi Shankar Dubey	IIT Roorkee	India
62	IAHS25_ABS_I8431	Spatio-Temporal Variation of Groundwater Isotopes and Monsoonal Recharge Studies associated with extreme climatic events in Chalakudy Basin Southern Western Ghats India	ICGW	Poster	Ms. Resmi R	National Centre For Earth Science Studies	India
63	IAHS25_ABS_X5498	Curating water resources knowledge in Lebanon: a path to support Water Security	ICWRS	Poster	Dr. Mohammad Merheb	Institut Agro Rennes Angers	France
64	IAHS25_ABS_P9340	Evaluation of the Empirical Area Reduction Method for Singur and Raiwada Reservoirs of India	ICWRS	Poster	Dr. UMESH KUMAR SINGH	National Institute of Hydrology Roorkee	India
65	IAHS25_ABS_T8483	The opportunities and risks of water resource development and intensifying agriculture across Australia's northern rangelands	ICWRS	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Cuan Petheram	CSIRO	Australia
66	IAHS25_ABS_F8290	Future-Ready Water Systems: Science-Based Approaches for Climate Resilience and Sustainable Development	ICWRS	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Giriraj Amarnath	International Water Management Institute (IWMI)	Sri Lanka
67	IAHS25_ABS_A8673	Exploring the Impacts of Hydropeaking on Riverine Ecosystems in India	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Anushruti Kukreja	Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU)	Germany
68	IAHS25_ABS_U2566	Enhancing Drought Resilience Through Interconnected Reservoir Systems A Case Study of Sardinia's Flumendosa Basin	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Avijit Majhi	University of Cagliari	Italy
69	IAHS25_ABS_K8409	Improving farm-scale decision making on blue-green water management practices in the Vidarbha region of Maharashtra	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Ruth Linnaea Cahill	Faculty of Civil Engineering & Geosciences of Delft University of Technology	Netherlands
70	IAHS25_ABS_D5072	An Ensemble Flood Forecasting System for India	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Priyam Deka	IIT Delhi	India
71	IAHS25_ABS_I1068	Forest Fire Dynamics in Himachal Pradesh: Spatiotemporal Patterns and Driving Factors (2000-2024)	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Nisha Jindwal	IIT Mandi	India
72	IAHS25_ABS_W6265	Progress on artificial eco-environmental water supplement in recent 20 years in China	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Chunfeng Hao	China Institute of Water Resources and Hydropower Research	China

73	IAHS25_ABS_A6676	Seamless short to long term forecasting of inflow into lake Baikal: development and online assessment	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Vsevolod Moreido	Water Problems Insitute of the Russian Academy of Sciences	Russian Federation
74	IAHS25_ABS_V9616	From Climate Shifts to Flood Changes: Data Based and Modelling Approaches	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Prof. Alberto Viglione	Politecnico di Torino	Italy
75	IAHS25_ABS_Q8057	Extreme floods and droughts in the Gambia River Basin at Gouloumbou : Impacts of climate change and the resilience of ecosystems and populations	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. MENDY Anastasie	Universite Cheikh Anta Diop de Dakar	Senegal
76	IAHS25_ABS_F9692	Optimization of operational cycle for energy maximization in pumped storage hydropower plants	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Pattabiraman Balasundaram	IIT Roorkee	India
77	IAHS25_ABS_X8966	Effect of different nitrogen treatments on chlorophyll content and yield of wheat crop	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Apoorva Yadav	Shiv Nadar University	India
78	IAHS25_ABS_H6526	On the need for capturing historical trend of crop yield in crop models for efficient estimation of crop water use	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Aniruddha Saha	IIT Roorkee	India
79	IAHS25_ABS_B7888	Complex governance finance and natural resource considerations on 'going off grid' for Rhodes University South Africa	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Jane Louise Tanner	Rhodes University	South Africa
80	IAHS25_ABS_I7541	Clustering Catchments by Low Flow Behavior: An Unsupervised Learning Approach	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Nishant Saxena	IIT Roorkee	India
81	IAHS25_ABS_C1620	Adapting Water Resource Management to Climate Change in the Alpine Region of South Tyrol Italy	ICWRS	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Giacomo Bertoldi	Eurac Research	Italy
82	IAHS25_ABS_T7213	An Open-Source Tool for Generating Hourly Synthetic Streamflow Series in Ungauged Basins Using Regional Flow-Duration Curves	ICWRS	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Alan Spadoni	University of Bologna	Italy
83	IAHS25_ABS_W4151	Climate change and water resources capacity development in Africa under the SASSCAL and WASCAL doctoral programmes	ICWRS	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Luna Bharati	International Center for Water Resources and Global Change	Germany
84	IAHS25_ABS_Q8375	Multi-Scale Drought Analysis and Forecasting in the Western Ghats: A Case Study of the Kallada River Basin Kerala	ICWRS	Poster	Ms. Drisiya J	IIT Palakkad	India

85	IAHS25_ABS_M5248	Comparative Analysis of Machine Learning Models for Crop Water Requirement Prediction	ICWRS	Poster	Ms. Mrunalini Dinkar Humbare	Kelappaji College of Agricultural Engineering & Food Technology Tavanur Kerala Agricultural University Thrissur Kerala	India
86	IAHS25_ABS_D4038	Decoding Drought in North Brabant Netherlands: A spatially distributed analysis of drought types and their transition	ICWRS	Poster	Prof. Reynold Chow	Wageningen University	Netherlands
9.00-10.30							
5.1 Oral+ForumOral Friday, October 10							
#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
1	IAHS25_ABS_A8945	Integrating Reservoir Management into Hydrological Modeling: Advancing Streamflow Simulations in South Asia's Major River Basins	ICHWF	Forum Oral (1-minute flash presentation)	Mr. Prateek Sharma	IIT Delhi	India
2	IAHS25_ABS_R9739	Understanding the Spatial Patterns of Himalayan Ecosystem Services and their Valuations using a Systematic Literature Review and Meta-Analysis	ICHWF	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Prakhar Sharma	IIT Roorkee	India
3	IAHS25_ABS_W7880	UNDERSTANDING THE FAILURE RISK OF DUAL-DAM SYSTEM AND ITS DOWNSTREAM IMPACT: A CASE STUDY OF TUIRIAL RESERVOIR	ICHWF	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. SHIVENDRA JAISWAL	IIT Roorkee	India
4	IAHS25_ABS_C9124	Bridge constructions and riverscape dynamics in geo-spatial lens	ICHWF	Forum Oral (1-minute flash presentation)	Dr. MERY BISWAS	Presidency University	India
5	IAHS25_ABS_W6388	Using Agent-Based Modeling to understand changing floodplain dynamics in Indian context	ICHWF	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Apoorva Singh	IIT Delhi	India
6	IAHS25_ABS_H7076	Geospatial Assessment of Cocoa-Driven Nature Loss and Water Consumption in the Pra Basin in Ghana	ICHWF	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Moctar Dembele	International Water Management Institute (IWMI)	Ghana
7	IAHS25_ABS_X8144	Simulating human-water feedbacks for climate extreme resilience in the Dutch context	ICHWF	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Jose David Henao Casas	Vrije Universiteit Amsterdam	Netherlands
8	IAHS25_ABS_C3245	Deciphering the roles of climate and land-use changes on water resources in India	ICHWF	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Shivansh Tiwary	IIT Bombay	India
9	IAHS25_ABS_A8673	Exploring the Impacts of Hydropeaking on Riverine Ecosystems in India	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Anushruti Kukreja	Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU)	Germany
10	IAHS25_ABS_U2566	Enhancing Drought Resilience Through Interconnected Reservoir Systems A Case Study of Sardinia's Flumendosa Basin	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Avijit Majhi	University of Cagliari	Italy

11	IAHS25_ABS_Q8057	Extreme floods and droughts in the Gambia River Basin at Gouloumbou : Impacts of climate change and the resilience of ecosystems and populations	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. MENDY Anastasie	Université Cheikh Anta Diop de Dakar	Senegal
12	IAHS25_ABS_J3780	Using Cs-137 measurements to detect changes in sedimentation rates in a floodplain area of northern Norway. Preliminary results of a field sampling campaign.	ICCE	Forum Oral (1-minute flash presentation)	Prof. Paolo Porto	University Mediterranea of Reggio Calabria	Italy
13	IAHS25_ABS_R3864	Integrated catchment-scale sediment transport model	ICCE	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Vsevolod Moreido	Water Problems Insitute of the Russian Academy of Sciences	Russian Federation
14	IAHS25_ABS_B7402	Enabling large-scale soil erosion assessments: exploring the potential of Earth Observation and Artificial Intelligence	ICCE	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Melissa Latella	CMCC Foundation -- Euro-Mediterranean Center on Climate Change	Italy
15	IAHS25_ABS_U2978	Comparative Analysis of Machine Learning Algorithms for Predicting Local Scour Depth Around Bridge Piers	ICCE	Forum Oral (1-minute flash presentation)	Mr. Farooque Rahman	Maulana azad national institute of technology	India
16	IAHS25_ABS_T7024	Geostatistical modeling of the spatial sediment distribution in the largest Arctic drainage basin Lena Russia	ICCE	Forum Oral (1-minute flash presentation)	Mrs. EVGENIYA FINGERT	Lomonosov Moscow State University	Russian Federation
17	IAHS25_ABS_O8346	A Quantitative Assessment of Riverine Erosional Hazard and Vulnerability in Upper Tapi River India	ICCE	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Resmi S R	National Institute of Technology Calicut	India
18	IAHS25_ABS_Q3727	Hydrological Analysis and Prioritisation of Best Management Practices in the Hirakud Catchment using SWAT and ACPF	ICCE	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Hemant Kumar	IIT Delhi	India
19	IAHS25_ABS_Y7772	Evaluating the temporal dynamics of potential soil losses: Idice River Basin (Emilia Romagna Region Northern Italy) case study	ICCE	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Guido Rianna	CMCC Foundation Euromediterranean Center on Climate Change	Italy
20	IAHS25_ABS_K3412	THE VOLUME OF WATER STORED IN MACKENZIE DELTA LAKES DURING FRESHET FLOWS AND THEIR IMPACT ON SEDIMENT DYNAMICS. CASE STUDY OF BIG LAKE IN INUVIK CANADA.	ICCE	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Damian Cieplowski	Kazimierz Wielki University in Bydgoszcz	Poland
Oral-33	IAHS25_ABS_L2670	Gully erosion in India: Land degradation impact geomorphic attributes and evolutionary dynamics	ICCE	Plenary Oral (15-minute oral presentation)	Mr. Anindya Majhi	The University of Manchester	United Kingdom
1	IAHS25_ABS_I5605	Long Term Variability in Low Level Jet and its Relationship with the Indian Summer Monsoon Rainfall	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Karthika P P	Sathyabama Institute of Science and Technology	India

2	IAHS25_ABS_H4559	Exploring Arctic Sea Ice and Indian Summer Monsoon teleconnections using a multiscale approach	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Sujata Kulkarni	IIT Roorkee	India
3	IAHS25_ABS_A8041	Soil Moisture Dynamics under Elevated CO ₂ : Implications for Land-Atmosphere Feedbacks in India	ICCLAS	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Akash Verma	IIT Bombay	India
4	IAHS25_ABS_T2260	High-Resolution Climate Models Capture Monsoon Rainfall Changes More Accurately in the Ganga-Brahmaputra-Meghna Basin	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Haider Ali	Newcastle University	United Kingdom
5	IAHS25_ABS_M8082	Investigating Coupled Land-Atmosphere Moisture Dynamics Using Rainwater Isotopes across distinct Indian Climatic Zones	ICCLAS	Forum Oral (1-minute flash presentation)	Dr. Rajaveni Sundara Pandian	Indian Institute of Tropical Meteorology Pune	India
6	IAHS25_ABS_Y1882	Atmospheric moisture linkages to flood inducing Multiday extreme precipitation in India	ICCLAS	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Deepak Pandidurai	IIT Roorkee	India
7	IAHS25_ABS_G2609	Understanding the Characteristics of Western Disturbances in Changing Climate	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Spandita Mitra	IIT Roorkee	India
8	IAHS25_ABS_S6155	Impact of Urbanization on Monsoon Rainfall Over Complex Terrain: A Case Study of Doon Valley	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Sushmita Gouraha	IIT Roorkee	India
9	IAHS25_ABS_I3064	High-Resolution Climate Projections for Hydrological Applications in the Himalaya Using WRF-Based Dynamical Downscaling	ICCLAS	Forum Oral (1-minute flash presentation)	Dr. Kuldeep Sharma	National Institute of Hydrology	India
10	IAHS25_ABS_B6544	Science-based information for adaptation to climate change in rainfed agriculture	ICCLAS	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Prof. Peter Molnar	Institute of Environmental Engineering	Switzerland
11	IAHS25_ABS_A3871	An analytical approach for quantifying the role of vapor pressure deficit in flash drought evolution	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Vishal Singh	IIT Kanpur	India
12	IAHS25_ABS_K3636	A global intercomparison and evaluation of flash drought indicators	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Ivan Noguera Corral	UK Centre for Ecology and Hydrology	United Kingdom
13	IAHS25_ABS_O6857	Understanding the Spatiotemporal Variability of Precipitation Recycling in the Ganga River Basin	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Sangam Yadav	IIT Hyderabad	India
14	IAHS25_ABS_X7015	Multi-Hazard Susceptibility Mapping over India through Deep Learning Technique	ICCLAS	Forum Oral (1-minute flash presentation)	Mr. Rachit Rachit	IIT Roorkee	India

15	IAHS25_ABS_H7342	Expanding Woody Encroachment - Is it a Concern for Water Yield? Case studies from South Africa under Varying Climates	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Michele Toucher	South African Environmental Observation Network	South Africa
16	IAHS25_ABS_V7810	A Novel Framework for Assessing Drought-Flood Abrupt Alternation: Insights from the Columbia River Basin USA	ICCLAS	Forum Oral (1-minute flash presentation)	Mr. Prajith V	IIT Bombay	India
17	IAHS25_ABS_R3106	Disentangling the effects of aerosols on precipitation under varying meteorological conditions	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Abhigyan Chakraborty	IIT Hyderabad	India
18	IAHS25_ABS_K8409	Improving farm-scale decision making on blue-green water management practices in the Vidarbha region of Maharashtra	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Ruth Linnaea Cahill	Faculty of Civil Engineering & Geosciences of Delft University of Technology	Netherlands
19	IAHS25_ABS_F9438	Comparative Analysis of ANN Solvers for Leakage Detection in Water Supply Systems	ICWRS	Forum Oral (1-minute flash presentation)	Dr. Priyanshu Jain	IIT Bombay	India
20	IAHS25_ABS_D5072	An Ensemble Flood Forecasting System for India	ICWRS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Priyam Deka	IIT Delhi	India
11.00-12.30	5.2 Poster Friday, October 10						
#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
1	IAHS25_ABS_I2446	Digital mapping of soil degradation from water erosion in the forest-steppe zone of the East European Plain	ICCE	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Andrey Petrovich Zhidkin	V.V. Dokuchaev Soil Science Institute	Russian Federation
2	IAHS25_ABS_S2195	Multi-tool data set on Northern Eurasian Riverbank Erosion: methodology spatial variations	ICCE	Poster	Prof. Sergey Chalov	Lomonosov Moscow State University	Russian Federation
3	IAHS25_ABS_E2221	Sediment Dynamics across the estuarine reach of the monsoon-dominated Subarnarekha Basin	ICCE	Poster	Mr. Rituparna Acharyya	Faculty of Geographical Sciences Kazimierz Wielki University in Bydgoszcz Poland	Poland
4	IAHS25_ABS_Q1464	Sediment Budget Formation in Permafrost-Affected Siberian Rivers: Ob Yenisey Lena and Kolyma	ICCE	Poster	Mr. Victor Ivanov	Lomonosov Moscow State University	Russian Federation
5	IAHS25_ABS_Y6564	Simplified approaches to estimate rainfall erosivity from coarse temporal resolution precipitation data in the Mediterranean Belt	ICCE	Poster with Video-Interview (Poster and 3-minute video interview)	Prof. Paolo Nasta	University of Naples Federico II	Italy
6	IAHS25_ABS_A1559	Assessing the impact of uncertainty in global soil property datasets on soil erosion predictions.	ICCE	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Konstantinos X Soulis	Agricultural University of Athens	Greece

7	IAHS25_ABS_R3864	Integrated catchment-scale sediment transport model	ICCE	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Vsevolod Moreido	Water Problems Insitute of the Russian Academy of Sciences	Russian Federation
8	IAHS25_ABS_O8346	A Quantitative Assessment of Riverine Erosional Hazard and Vulnerability in Upper Tapi River India	ICCE	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Resmi S R	National Institute of Technology Calicut	India
9	IAHS25_ABS_Q3727	Hydrological Analysis and Prioritisation of Best Management Practices in the Hirakud Catchment using SWAT and ACPF	ICCE	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Hemant Kumar	IIT Delhi	India
10	IAHS25_ABS_K3412	THE VOLUME OF WATER STORED IN MACKENZIE DELTA LAKES DURING FRESHET FLOWS AND THEIR IMPACT ON SEDIMENT DYNAMICS. CASE STUDY OF BIG LAKE IN INUVIK CANADA.	ICCE	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Damian Cieplowski	Kazimierz Wielki University in Bydgoszcz	Poland
11	IAHS25_ABS_B7402	Enabling large-scale soil erosion assessments: exploring the potential of Earth Observation and Artificial Intelligence	ICCE	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Melissa Latella	CMCC Foundation -- Euro-Mediterranean Center on Climate Change	Italy
12	IAHS25_ABS_Y7772	Evaluating the temporal dynamics of potential soil losses: Idice River Basin (Emilia Romagna Region Northern Italy) case study	ICCE	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Guido Rianna	CMCC Foundation -- Euro-Mediterranean Center on Climate Change	Italy
13	IAHS25_ABS_C8307	Critical Soil Moisture thresholds of plant water stress over India in response to Atmospheric Variability	ICCLAS	Poster	Mr. Anoop Sampelli	National Remote Sensing Centre	India
14	IAHS25_ABS_P4228	Water Balance From Percolation Scaling and Ecological Optimality	ICCLAS	Poster	Prof. Allen Gerhard Hunt	Wright State University	United States
15	IAHS25_ABS_V9692	Mechanisms of onset termination and propagation of pre-monsoon heatwaves in India	ICCLAS	Poster	Mr. Javid Ahmad Dar	IIT Kanpur	India
16	IAHS25_ABS_E3324	A Novel Network-Based Methodology for Analysis of Atmospheric Rivers	ICCLAS	Poster	Mr. Jitendra Sharma	IIT Bombay	India
17	IAHS25_ABS_G9574	Root zone in the Earth system	ICCLAS	Poster with Video-Interview (Poster and 3-minute video interview)	Prof. Hongkai Gao	East China Normal University	China
18	IAHS25_ABS_C5554	Assessing future changes in hydrological and vegetation resources in the agro-pastoral Sahel	ICCLAS	Poster with Video-Interview (Poster and 3-minute video interview)	Mrs. Lena Collet	IRD	France
19	IAHS25_ABS_N1335	Sub-seasonal to Seasonal Soil Moisture Drought Prediction Using Deep Learning	ICCLAS	Poster	Mr. Saurabh Verma	IIT Bombay	India

20	IAHS25_ABS_D2564	Understanding Hydrological Seasonality in a Himalayan River Basin under Changing Climate	ICCLAS	Poster	Prof. Axel Bronstert	University of Potsdam Institute for Environmental Sciences	Germany
21	IAHS25_ABS_O6025	Diurnal Soil Temperature Range as a Proxy for Representing Hydrological Regimes and Land-Atmosphere Coupling Strength	ICCLAS	Poster	Mr. Sandipan Paul	IIT Bombay	India
22	IAHS25_ABS_X5046	Evaluation of Surface Flux Equilibrium model for evapotranspiration estimation	ICCLAS	Poster	Ms. Ghazar Muzaffar	IIT Kanpur	India
23	IAHS25_ABS_R2807	Influence of Land Use/Land Cover and Climate Change on Hydrological Processes	ICCLAS	Poster	Mrs. VIJAYALAKSHMI SULIAMMAL PONNAMBALAM	Indian Institute of Science	India
24	IAHS25_ABS_R5553	Examining the interplay between Droughts and Floods in India amidst Climate Change	ICCLAS	Poster	Mr. Syed Bilal	IIT Mandi	India
25	IAHS25_ABS_O3739	Towards Identifying the Precursors of Heatwaves in the Indo-Gangetic Plains - Perspective of Land-Atmosphere Interaction	ICCLAS	Poster	Ms. Manali Saha	IIT Bombay	India
26	IAHS25_ABS_I5605	Long Term Variability in Low Level Jet and its Relationship with the Indian Summer Monsoon Rainfall	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Karthika P P	Sathyabama Institute of Science and Technology	India
27	IAHS25_ABS_G2609	Understanding the Characteristics of Western Disturbances in Changing Climate	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Spandita Mitra	IIT Roorkee	India
28	IAHS25_ABS_H4559	Exploring Arctic Sea Ice and Indian Summer Monsoon teleconnections using a multiscale approach	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Sujata Kulkarni	IIT Roorkee	India
29	IAHS25_ABS_T2260	High-Resolution Climate Models Capture Monsoon Rainfall Changes More Accurately in the Ganga-Brahmaputra-Meghna Basin	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Haider Ali	Newcastle University	United Kingdom
30	IAHS25_ABS_S6155	Impact of Urbanization on Monsoon Rainfall Over Complex Terrain: A Case Study of Doon Valley	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Sushmita Gouraha	IIT Roorkee	India
31	IAHS25_ABS_A3871	An analytical approach for quantifying the role of vapor pressure deficit in flash drought evolution	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Vishal Singh	IIT Kanpur	India
32	IAHS25_ABS_K3636	A global intercomparison and evaluation of flash drought indicators	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Ivan Noguera Corral	UK Centre for Ecology and Hydrology	United Kingdom
33	IAHS25_ABS_O6857	Understanding the Spatiotemporal Variability of Precipitation Recycling in the Ganga River Basin	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Sangam Yadav	IIT Hyderabad	India

34	IAHS25_ABS_H7342	Expanding Woody Encroachment - Is it a Concern for Water Yield? Case studies from South Africa under Varying Climates	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Michele Toucher	South African Environmental Observation Network	South Africa
35	IAHS25_ABS_R3106	Disentangling the effects of aerosols on precipitation under varying meteorological conditions	ICCLAS	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Abhigyan Chakraborty	IIT Hyderabad	India
36	IAHS25_ABS_A8041	Soil Moisture Dynamics under Elevated CO2: Implications for Land-Atmosphere Feedbacks in India	ICCLAS	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Akash Verma	IIT Bombay	India
37	IAHS25_ABS_Y1882	Atmospheric moisture linkages to flood inducing Multiday extreme precipitation in India	ICCLAS	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Mr. Deepak Pandidurai	IIT Roorkee	India
38	IAHS25_ABS_B6544	Science-based information for adaptation to climate change in rainfed agriculture	ICCLAS	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Prof. Peter Molnar	Institute of Environmental Engineering	Switzerland
39	IAHS25_ABS_H5798	Controlling the Atrerey by Impoundment Structures in Bangladesh and India	ICHWF	Poster	Dr. CHALANTIKA LAHA SALUI	RANI BIRLA GIRLS' COLLEGE	India
40	IAHS25_ABS_Y6552	Can satellite data validate socio-hydrology models? Insights from a model application to a large reservoir	ICHWF	Poster	Mr. Mukesh Kumar Dey	IIT Bombay	India
41	IAHS25_ABS_J6586	Quantifying the impact of conjunctive use of groundwater and surface water on baseflow in the command area of a large reservoir	ICHWF	Poster	Mr. Vishwajit Ramesh Jaiswal	IIT Bombay	India
42	IAHS25_ABS_D9172	Tracing unintended consequences of interventions in coupled human-water systems using critical pathway	ICHWF	Poster	Dr. Yi Nan	Tsinghua University	China
43	IAHS25_ABS_D5336	Development of climate catchment and human action-informed model for forecasting seasonal flood probabilities	ICHWF	Poster	Mr. Salvadi Chetan Kumar	Indian Institute of Technology Hyderabad	India
44	IAHS25_ABS_V5358	Understanding Human-Water Interactions and their Health Implications Under Changing Climate	ICHWF	Poster	Mr. Deepak Pandey	IIT Roorkee	India
45	IAHS25_ABS_X3710	Incorporating community knowledge and values within urban river restoration visions	ICHWF	Poster	Dr. James Christopher White	University of Birmingham	United Kingdom
46	IAHS25_ABS_A3558	Embedding land and water planning practices in context: A diagnostic contribution from sociology	ICHWF	Poster with Video-Interview (Poster and 3-minute video interview)	Prof. Raffaele Vignola	Wageningen University and Research	Netherlands

47	IAHS25_ABS_X9557	Navigating Jordan's Water Resources Futures: Regional Hydrological Modelling Under Socio-Economic Developments and Climate Change	ICHWF	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Nafn M Amdar	IWMI	Jordan
48	IAHS25_ABS_W6388	Using Agent-Based Modeling to understand changing floodplain dynamics in Indian context	ICHWF	Forum Oral with Poster (1-minute flash presentation and poster)	Ms. Apoorva Singh	IIT Delhi	India
49	IAHS25_ABS_X8144	Simulating human-water feedbacks for climate extreme resilience in the Dutch context	ICHWF	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Jose David Henao Casas	Vrije Universiteit Amsterdam	Netherlands
50	IAHS25_ABS_C3245	Deciphering the roles of climate and land-use changes on water resources in India	ICHWF	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Shivansh Tiwary	IIT Bombay	India
51	IAHS25_ABS_R9739	Understanding the Spatial Patterns of Himalayan Ecosystem Services and their Valuations using a Systematic Literature Review and Meta-Analysis	ICHWF	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Prakhar Sharma	IIT Roorkee	India
52	IAHS25_ABS_W7880	UNDERSTANDING THE FAILURE RISK OF DUAL-DAM SYSTEM AND ITS DOWNSTREAM IMPACT: A CASE STUDY OF TUIRIAL RESERVOIR	ICHWF	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. SHIVENDRA JAISWAL	IIT Roorkee	India
53	IAHS25_ABS_H7076	Geospatial Assessment of Cocoa-Driven Nature Loss and Water Consumption in the Pra Basin in Ghana	ICHWF	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Moctar Dembele	International Water Management Institute (IWMI)	Ghana
54	IAHS25_ABS_W7994	Modelling Snow Avalanche Flow Dynamics Using RAMMS: A Case Study of Solang Valley and Alaknanda Basin	ICSIH	Poster	Mr. Rajeev Ranjan	Indian Institute of Technology	India
55	IAHS25_ABS_Y7308	Diminishing glacier melt contribution for summer droughts in an alpine catchment	ICSIH	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Giacomo Bertoldi	Eurac Research	Italy
56	IAHS25_ABS_F3738	Decadal Changes in Glacier Facies and ELA in the Himalayas: Implications for Regional Hydrology	ICSIH	Poster with Video-Interview (Poster and 3-minute video interview)	Ms. Apoorva Malviya	Indian Institute of Remote Sensing	India
57	IAHS25_ABS_C4700	Aerosol-Driven Changes in Glacial and Polar Ice Melt: A Multi-Scale Analysis Using Remote Sensing and Transport Modeling	ICSIH	Poster with Video-Interview (Poster and 3-minute video interview)	Mr. Satyajit Singh Saini	IIT Roorkee	India
58	IAHS25_ABS_E4449	Energy conservative solutions for coupled heat-mass transport in frozen soils and snow	ICSIH	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Andrew Ireson	University of Saskatchewan	Canada
59	IAHS25_ABS_Y3553	Geocryological Conditions of Small Mountain Catchment in the Upper Kolyma Highland (Northeastern Asia)	ICSIH	Poster with Video-Interview (Poster and 3-minute video interview)	Dr. Olga Makarieva	St. Petersburg State University	Russian Federation
60	IAHS25_ABS_A2441	Impact of snow land data assimilation on hydrological processes in Community Land Model version 5 with SWEML	ICSIH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Jungho Seo	Yonsei University	Republic of Korea

61	IAHS25_ABS_M9227	Arctic Climate Variability and Its Influence on Seasonal Snow Dynamics in the Hindu Kush Himalayas	ICSIH	Forum Oral with Poster (1-minute flash presentation and poster)	Mr. Anant Dikshit	IIT Roorkee	India
62	IAHS25_ABS_J6735	GIANT AUFEIS IN THE NORTHEAST OF RUSSIA ACCORDING TO THE HISTOTICAL DATA OF 1958 AND SATELLITE IMAGES OF 1973â€”2021	ICSIH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Olga Makarieva	St. Petersburg State University	Russian Federation
63	IAHS25_ABS_F8214	Impact of Spring Sea Ice Variability in the Barents-Kara Region on the Indian Summer Monsoon Rainfall	ICSIH	Forum Oral with Poster (1-minute flash presentation and poster)	Dr. Divya Sardana	IIT Roorkee	India
64	IAHS25_ABS_U6726	Long-term Snow Cover Dynamics in the Indian North-Western Himalayas using Multi-Sensor Satellite Data	ICSIH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Ms. Sakshi Tripathi	IIT Roorkee	India
65	IAHS25_ABS_R7668	Seasonal Shifts in Snowpack Dynamics and Their Response to Climate Change in the Swiss Alps	ICSIH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Ms. Fatemeh Zakeri	University of Lausanne	Switzerland
66	IAHS25_ABS_F9059	Evolving snow drought impacts on the hydrological behavior of headwater catchments in the Andes Cordillera.	ICSIH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. James McPhee	University of Chile	Chile
67	IAHS25_ABS_S2981	Co-Creating Water Knowledge for Climate Resilience: Understanding Precipitation Shifts and Their Impacts in South Asia and China	ICSIH	Forum Oral with Poster and Video-Interview (1-minute flash presentation poster and 3-minute video interview)	Dr. Dhiraj Pradhananga	Tribhuvan University/The Small Earth Nepal	Nepal
68	IAHS25_ABS_F8533	Drivers of Rising Land Surface Temperature in a Lesser Himalayan Catchment	ICCLAS	Poster	Dr. Pravin Rangrao Patil	National Institute of Hydrology Roorkee	India
69	IAHS25_ABS_A9443	Modeling Hydrological Droughts in Alpine Hydropower-Influenced Basins	ICHWF	Poster	Dr. Diego Avesani	University of Trento	Italy
70	IAHS25_ABS_B7159	Overestimation of evapotranspiration across India if not considering the impact of rising atmospheric CO2	ICCLAS	Poster	Ms. Nandhana Sunil	IIT Palakkad	India
71	IAHS25_ABS_B6736	Hydro-Climatic Impacts of Oak-to-Pine Transition in the West-Central Himalayas: A Multi-Scale Perspective	ICCLAS	Poster	Mr. Jyoti Ranjan Mohanty	National Institute of Science Education and Research Bhubaneswar	India
72	IAHS25_ABS_J4891	Spatio-temporal characteristics of flooding over India and their links to moisture sources	ICCLAS	Poster	Mr. Rajat Choudhary	IIT Delhi	India
73	IAHS25_ABS_T5094	Multi-Decadal Shoreline Dynamics in Chilika Lagoon: Progradation Retreat and Their Drivers	ICCE	Poster	Ms. Sarita Sahoo	IIT Kanpur	India
74	IAHS25_ABS_L2268	Identification and Mapping of Paleochannels for Water Resource Management	ICHWF	Poster	Dr. Nikhilesh Singh	IIT(BHU) Varanasi	India

13.30-15.00	5.3 Oral Friday, October 10						
#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
Oral-34	IAHS25_ABS_R8429	A Global Assessment of Vapor Pressure Deficit as the Primary Driver of Sap Flow Variability in Forests	ICCLAS	Plenary Oral (15-minute oral presentation)	Ms. Leena Khadke	IIT Bombay	India
Oral-35	IAHS25_ABS_B6834	Developing a multi-risk impact-based forecasting and warnings system for India	ICCLAS	Plenary Oral (15-minute oral presentation)	Dr. Christopher White	University of Strathclyde	United Kingdom
Oral-36	IAHS25_ABS_U3275	Unravelling the interplay of hydrological extremes and socioeconomic inequalities	ICHWF	Plenary Oral (15-minute oral presentation)	Prof. Giuliano Di Baldassarre	Uppsala University	Sweden
Oral-37	IAHS25_ABS_H2100	The Bradfield Scheme: a multi-disciplinary evaluation of Australia's controversial 1600-km inter-basin water diversion proposal	ICWRS	Plenary Oral (15-minute oral presentation)	Dr. Cuan Petheram	CSIRO	Australia
15.30-16.30	5.4 Oral Friday, October 10						
#	Abstract ID	Abstract Title	Theme	Contribution Type	Participant Name	Affiliation	Country
Oral-38	IAHS25_ABS_G5910	Seasonal forecast of streamflow and suspended sediment in the Blue Nile Basin Ethiopia	ICWRS	Plenary Oral (15-minute oral presentation)	Prof. Axel Bronstert	University of Potsdam Institute for Environmental Sciences	Germany
Oral-39	IAHS25_ABS_N4325	Integrated water scarcity index reveals increased exposures of populations and areas to water scarcity	ICWRS	Plenary Oral (15-minute oral presentation)	Mr. Zhonghao Fu	China agricultural university	China