



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

S.No.	Abstract ID	Abstract Title		Contribution Type	Participant Name	Affiliation	Country
		Integrating Reservoir Management into Hydrological Modeling:					
		Advancing Streamflow Simulations in South Asia's Major River		Forum Oral (1-minute			
1	IAHS25_ABS_A8945	Basins	ICHWF	flash presentation)	Mr. Prateek Sharma	IIT Delhi	India
		Understanding the Spatial Patterns of Himalayan Ecosystem Services		Forum Oral with Poster			
		and their Valuations using a Systematic Literature Review and Meta-		(1-minute flash			
2	IAHS25_ABS_R9739	Analysis	ICHWF	presentation and poster)	Mr. Prakhar Sharma	IIT Roorkee	India
		UNDERSTANDING THE FAILURE RISK OF DUAL-DAM		Forum Oral with Poster			
		SYSTEM AND ITS DOWNSTREAM IMPACT: A CASE STUDY		(1-minute flash			
3	IAHS25_ABS_W7880	OF TUIRIAL RESERVOIR	ICHWF	presentation and poster)	Mr. SHIVENDRA JAISWAL	IIT Roorkee	India
				Forum Oral (1-minute			
4	IAHS25_ABS_C9124	Bridge constructions and riverscape dynamics in geo-spatial lens	ICHWF	flash presentation)	Dr. MERY BISWAS	Presidency University	India
				Forum Oral with Poster			
		Using Agent-Based Modeling to understand changing floodplain		(1-minute flash			
5	IAHS25_ABS_W6388	dynamics in Indian context	ICHWF	presentation and poster)	Ms. Apoorva Singh	IIT Delhi	India
				Forum Oral with Poster		International Water	
		Geospatial Assessment of Cocoa-Driven Nature Loss and Water		(1-minute flash		Management Institute	
6	IAHS25_ABS_H7076	Consumption in the Pra Basin in Ghana	ICHWF	presentation and poster)	Dr. Moctar Dembele	(IWMI)	Ghana
				Forum Oral with Poster			
		Simulating human-water feedbacks for climate extreme resilience in		(1-minute flash		Vrije Universiteit	
7	IAHS25_ABS_X8144	the Dutch context	ICHWF	presentation and poster)	Dr. Jose David Henao Casas	Amsterdam	Netherlands
				Forum Oral with Poster			
		Deciphering the roles of climate and land-use changes on water		(1-minute flash			
8	IAHS25_ABS_C3245	resources in India	ICHWF	presentation and poster)	Mr. Shivansh Tiwary	IIT Bombay	India
				Forum Oral with Poster		Friedrich-Alexander-	
		Exploring the Impacts of Hydropeaking on Riverine Ecosystems in		(1-minute flash		Universität Erlangen-	
9	IAHS25_ABS_A8673	India	ICWRS	presentation and poster)	Ms. Anushruti Kukreja	Nürnberg (FAU)	Germany
				Forum Oral with Poster			
		Enhancing Drought Resilience Through Interconnected Reservoir		(1-minute flash			
10	IAHS25_ABS_U2566	Systems A Case Study of Sardinia's Flumendosa Basin	ICWRS	presentation and poster)	Mr. Avijit Majhi	University of Cagliari	Italy
		Extreme floods and droughts in the Gambia River Basin at		Forum Oral with Poster			
		Gouloumbou: Impacts of climate change and the resilience of		(1-minute flash		Université Cheikh Anta	
11	IAHS25_ABS_Q8057	ecosystems and populations		presentation and poster)	Dr. MENDY Anastasie	Diop de Dakar	Senegal
		Using Cs-137 measurements to detect changes in sedimentation rates in					
		a floodplain area of northern Norway. Preliminary results of a field		Forum Oral (1-minute		University Mediterranea	
12	IAHS25_ABS_J3780	sampling campaign.	ICCE	flash presentation)	Prof. Paolo Porto	of Reggio Calabria	Italy





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				Forum Oral with Poster		Water Problems Insitute	
				(1-minute flash		of the Russian Academy	Russian
13	IAHS25_ABS_R3864	Integrated catchment-scale sediment transport model	ICCE	presentation and poster)	Dr. Vsevolod Moreido	of Sciences	Federation
				Forum Oral with Poster		CMCC Foundation	
		Enabling large-scale soil erosion assessments: exploring the potential		(1-minute flash		Euro-Mediterranean	
14	IAHS25_ABS_B7402	of Earth Observation and Artificial Intelligence	ICCE	presentation and poster)	Dr. Melissa Latella	Center on Climate Change	Italy
		Comparative Analysis of Machine Learning Algorithms for Predicting		Forum Oral (1-minute		Maulana azad national	
15	IAHS25_ABS_U2978	Local Scour Depth Around Bridge Piers	ICCE	flash presentation)	Mr. Farooque Rahman	institute of technology	India
		Geostatistical modeling of the spatial sediment distribution in the		Forum Oral (1-minute		Lomonosov Moscow	Russian
16	IAHS25_ABS_T7024	largest Arctic drainage basin Lena Russia	ICCE	flash presentation)	Mrs. EVGENIYA FINGERT	State University	Federation
				Forum Oral with Poster			
		A Quantitative Assessment of Riverine Erosional Hazard and		(1-minute flash		National Institute of	
17	IAHS25_ABS_O8346	Vulnerability in Upper Tapi River India	ICCE	presentation and poster)	Dr. Resmi S R	Technology Calicut	India
				Forum Oral with Poster			
		Hydrological Analysis and Prioritisation of Best Management Practices		(1-minute flash			
18	IAHS25_ABS_Q3727	in the Hirakud Catchment using SWAT and ACPF	ICCE	presentation and poster)	Mr. Hemant Kumar	IIT Delhi	India
				Forum Oral with Poster		CMCC Foundation	
		Evaluating the temporal dynamics of potential soil losses: Idice River		(1-minute flash		Euromediterranean Center	
19	IAHS25_ABS_Y7772	Basin (Emilia Romagna Region Northern Italy) case study	ICCE	presentation and poster)	Dr. Guido Rianna	on Climate Change	Italy
		THE VOLUME OF WATER STORED IN MACKENZIE DELTA					
		LAKES DURING FRESHET FLOWS AND THEIR IMPACT ON		Forum Oral with Poster			
		SEDIMENT DYNAMICS. CASE STUDY OF BIG LAKE IN		(1-minute flash		Kazimierz Wielki	
20	IAHS25_ABS_K3412	INUVIK CANADA.		<u> </u>	Mr. Damian Cieplowski	University in Bydgoszcz	Poland
		Gully erosion in India: Land degradation impact geomorphic attributes		Plenary Oral (15-minute		The University of	United
21	IAHS25_ABS_L2670	and evolutionary dynamics	ICCE	oral presentation)	Mr. Anindya Majhi	Manchester	Kingdom
				Forum Oral with Poster			
		Long Term Variability in Low Level Jet and its Relationship with the	ICCLA	(1-minute flash		Sathyabama Institute of	
22	IAHS25_ABS_I5605	Indian Summer Monsoon Rainfall	S	1 /	Ms. Karthika PP	Science and Technology	India
				Forum Oral with Poster			
		Exploring Arctic Sea Ice and Indian Summer Monsoon teleconnections					
23	IAHS25_ABS_H4559	using a multiscale approach	S	presentation and poster)	Ms. Sujata Kulkarni	IIT Roorkee	India





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				Forum Oral with Poster			
				and Video-Interview (1-			
				minute flash presentation			
		Soil Moisture Dynamics under Elevated CO2: Implications for Land-		poster and 3-minute			
24	IAHS25_ABS_A8041	Atmosphere Feedbacks in India	S	video interview)	Mr. Akash Verma	IIT Bombay	India
				Forum Oral with Poster			
		High-Resolution Climate Models Capture Monsoon Rainfall Changes		(1-minute flash			United
25	IAHS25_ABS_T2260	More Accurately in the Ganga-Brahmaputra-Meghna Basin	S	presentation and poster)	Dr. Haider Ali	Newcastle University	Kingdom
						Indian Institute of	
		Investigating Coupled Land-Atmosphere Moisture Dynamics Using		Forum Oral (1-minute		Tropical Meteorology	
26	IAHS25_ABS_M8082	Rainwater Isotopes across distinct Indian Climatic Zones	S	flash presentation)	Dr. Rajaveni Sundara Pandian	Pune	India
				Forum Oral with Poster			
				and Video-Interview (1-			
				minute flash presentation			
25	********	Atmospheric moisture linkages to flood inducing Multiday extreme		poster and 3-minute			
27	IAHS25_ABS_Y1882	precipitation in India	S	video interview)	Mr. Deepak Pandidurai	IIT Roorkee	India
			TOOT A	Forum Oral with Poster			
20	1111025 1 DG G2600	Understanding the Characteristics of Western Disturbances in		(1-minute flash	N G . 11. NO.	WITE D 1	7 11
28	IAHS25_ABS_G2609	Changing Climate	S		Ms. Spandita Mitra	IIT Roorkee	India
		Investor of University of the Control of the Contro	TOOT A	Forum Oral with Poster			
20	TATIONS ADD CAISS	Impact of Urbanization on Monsoon Rainfall Over Complex Terrain: A Case Study of Doon Valley		(1-minute flash	Ma Sucharita Cauraha	IIT Roorkee	India
29	IAHS25_ABS_S6155	High-Resolution Climate Projections for Hydrological Applications in		presentation and poster) Forum Oral (1-minute	Ms. Sushmita Gouraha	National Institute of	muia
20	1411025 ADC 12064			,	Dr. Kuldeen Chemie		India
30	IAHS25_ABS_I3064	the Himalaya Using WRF-Based Dynamical Downscaling	3	flash presentation)	Dr. Kuldeep Sharma	Hydrology	India
				Forum Oral with Poster			
				and Video-Interview (1-			
				minute flash presentation			
		Science-based information for adaptation to climate change in rainfed		poster and 3-minute		Institute of Environmental	
31	IAHS25 ABS B6544	agriculture		*	Prof. Peter Molnar	Engineering	Switzerland
31	L 111025_ADS_D0544	agriculture		Forum Oral with Poster	1101. 1 CtCi Wiolliai	LiigiiiCiiiig	SWILZCHAHU
		An analytical approach for quantifying the role of vapor pressure		(1-minute flash			
32	IAHS25_ABS_A3871	deficit in flash drought evolution		presentation and poster)	Mr Vishal Singh	IIT Kanpur	India
32	[IA11523_AD5_A36/1	deficit iii masii diougiit evolution	٥	presentation and poster)	IVII. VISHAI BIIIGII	111 Kanpui	IIIuIa





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				Forum Oral with Poster	•		
			ICCLA	(1-minute flash		UK Centre for Ecology	United
33	IAHS25_ABS_K3636	A global intercomparison and evaluation of flash drought indicators	S	presentation and poster)	Dr. Ivan Noguera Corral	and Hydrology	Kingdom
				Forum Oral with Poster			
		Understanding the Spatiotemporal Variability of Precipitation	ICCLA	(1-minute flash			
34	IAHS25_ABS_O6857	Recycling in the Ganga River Basin	S	presentation and poster)	Ms. Sangam Yadav	IIT Hyderabad	India
		Multi-Hazard Susceptibility Mapping over India through Deep	ICCLA	Forum Oral (1-minute			
35	IAHS25_ABS_X7015	Learning Technique	S	flash presentation)	Mr. Rachit Rachit	IIT Roorkee	India
				Forum Oral with Poster		South African	
		Expanding Woody Encroachment - Is it a Concern for Water Yield?	ICCLA	(1-minute flash		Environmental	
36	IAHS25_ABS_H7342	Case studies from South Africa under Varying Climates		1 .	Dr. Michele Toucher	Observation Network	South Africa
		A Novel Framework for Assessing Drought-Flood Abrupt Alternation:	ICCLA	Forum Oral (1-minute			
37	IAHS25_ABS_V7810	Insights from the Columbia River Basin USA	S	flash presentation)	Mr. Prajith V	IIT Bombay	India
				Forum Oral with Poster			
		Disentangling the effects of aerosols on precipitation under varying	ICCLA	(1-minute flash			
38	IAHS25_ABS_R3106	meteorological conditions	S	presentation and poster)	Mr. Abhigyan Chakraborty	IIT Hyderabad	India
						Faculty of Civil	
				Forum Oral with Poster		Engineering &	
		Improving farm-scale decision making on blue-green water		(1-minute flash		Geosciences of Delft	
39	IAHS25_ABS_K8409	management practices in the Vidarbha region of Maharashtra	ICWRS	presentation and poster)	Ms. Ruth Linnaea Cahill	University of Technology	Netherlands
		Comparative Analysis of ANN Solvers for Leakage Detection in Water		Forum Oral (1-minute			
40	IAHS25_ABS_F9438	Supply Systems	ICWRS	flash presentation)	Dr. Priyanshu Jain	IIT Bombay	India
				Forum Oral with Poster			
				(1-minute flash			
41	IAHS25_ABS_D5072	An Ensemble Flood Forecasting System for India	ICWRS	presentation and poster)	Mr. Priyam Deka	IIT Delhi	India