

TIME IN EST (UTC-5)



Oral and poster presentations by GIWS Members at 2024 Fall AGU (December 9-13, 2024 | Washington, DC)

Author(s)	Session - ID	Title	Time (EST)	Location
Monday, 9 December 2024				
Danqiong Dai, Zhenhua Li & others	H11U-0960	Human-driven Groundwater Depletion: A Noah-MP Model Study of the North China Plain	08:30 - 12:20	Hall B-C (Poster Hall) (Convention Center)
Alex Cebulski & John Pomeroy	C12A-07	Evaluation of New Canopy Snow Interception and Ablation Parameterizations in Needleleaf Forests	11:38 - 11:50	101 (Convention Center)
Marc Pons, Madison Harasyn & John Pomeroy	C14B-06	Assessing the Impact of Canopy Structure and Wind Flow on Sub-alpine Snow Accumulation Patterns Using Drone-Based Lidar Imagery	16:50 - 17:00	101 (Convention Center)
Tuesday, 10 December 2024				
Elmira Hassanzadeh & others (incl. Karl-Erich Lindenschmidt)	H21Q-0863	Challenges of Agricultural Best Management Practices in a Warming Climate	08:30 - 12:20	Hall B-C (Poster Hall) (Convention Center)
Maria Courard Christie & others (incl. John Pomeroy)	C23B-0441	Exploring the relative contribution of redistribution processes to snow water equivalent spatial variability in the Extratropical Andes Cordillera	13:40 - 17:30	Hall B-C (Poster Hall) (Convention Center)
Tong Guo & others (incl. Grant Ferguson)	H23C-1015	Fluid-Rock Reactions and Hydrologic Drivers of Iron Cycling in Former Redbed Sandstones	13:40 - 17:30	Hall B-C (Poster Hall) (Convention Center)
Corinne Schuster-Wallace, Kathleen Fordy, Krishna Kolen, Mike Tollis, Diane Giroux	GH24A-08	"Is our water good to drink?" Establishing an Indigenous Approach to Water, Climate Change, and Health	17:02 - 17:10	University of DC & Catholic (Marriott Marquis)
Wednesday, 11 December 2024				
Donovan Allum, Chris Marsh, Alain Pietroniro & John Pomeroy	H31L-0765	Improving Hydrological Process Representation in a Hyper-resolution Adaptive Mesh Snow Model	08:30 - 12:20	Hall B-C (Poster Hall) (Convention Center)
Mohamed Elshamy, John Pomeroy, Mohamed Abdelhamed, Alain Pietroniro & Howard Wheeler	C33B-0440	Changes in runoff composition with permafrost thaw under future climate in the Mackenzie River Basin	13:40 - 17:30	Hall B-C (Poster Hall) (Convention Center)
Danqiong Dai & others (incl. Zhenhua Li)	C33B-0441	Simulated potential impacts of a warming climate on wetland systems over Canadian Western Boreal forest	13:40 - 17:30	Hall B-C (Poster Hall) (Convention Center)
Krishna Kolen, Corinne Schuster-Wallace, Krystopher Chutko	GH33C-2446	Self-Reported Health Impacts and Coping Strategies to Drought-Induced Poor Air Quality in Saskatchewan First Nation Communities	13:40 - 17:30	Hall B-C (Poster Hall) (Convention Center)
Raymond Spiteri, Victoria Guenter & Ashley Van Beusekom	A33D-02	GPU Acceleration of the SUMMA-SUNDIALS Land Model	14:25 - 14:35	147 B (Convention Center)

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Thursday, 12 December 2024				
Keith N Musselman & others (incl. Karl-Erich Lindenschmidt)	SY41F-2628	The Arctic Rivers Project: A co-produced assessment of the climate sensitivity of Alaskan & Yukon rivers and fish to support resilient Indigenous communities	08:30 - 12:20	Hall B-C (Poster Hall) (Convention Center)
Elliott K Skierszkan & others (incl. Matt Lindsay)	B42B-03	Recent onset of acid-rock drainage and metal release in permafrost catchments of the Tombstone Water Observatory, Yukon	10:45 - 10:55	150 A (Convention Center)
James P McPhee & others (incl. John Pomeroy)	C42B-06	Characterization of recent snow droughts in the Extratropical Andes Cordillera through physically based hydrological modeling	11:35 - 11:50	Salon H (Convention Center)
Caitlyn A Hall & others (incl. Prabin Rokaya)	H43R-1127	Evolving Hydrology Research at the Science-Policy-Practice Interface for Effective Climate Action	13:40 - 17:30	Hall B-C (Poster Hall) (Convention Center)
Friday, 13 December 2024				
Mostofa Kamal, Yanping Li , Fateme Piya, Joyanal Shishir	A51U-1982	Thunderstorm Lightning in Bangladesh: Exploring Mechanisms, Socioeconomic Vulnerabilities, and Policy Recommendations to Lightning-Related Fatality Reduction	08:30 - 12:20	Hall B-C (Poster Hall) (Convention Center)
Mostofa Kamal & Yanping Li	ED51C-2538	Science Communication as a Tool for International Graduate Students' Academic and Professional Development	08:30 - 12:20	Hall B-C (Poster Hall) (Convention Center)
John Pomeroy & Xing (Logan) Fang	H53U-03	The Impact of a Snow Drought on the Hydrology of Mountain Headwater Basins in the Canadian Rockies	14:32 - 14:43	147 B (Convention Center)
Alain Pietroniro & John Pomeroy	H54B-01	Assessing Changing River System and the Cryosphere in Canada: Results from the Global Water Futures Modelling Synthesis.	16:00 - 16:10	145 B (Convention Center)