

Day	Session Title	Topic	Speaker
Day 1	Opening Remarks & Keynote	Launching AI-HYDRO FUTURES: Vision for AI in Hydrological Innovation	Prof. Sameh Kantoush (Kyoto University)
Day 1	Thematic Panel 1	AI for Real-time Hydrological Forecasting: Techniques and Applications	Dr. Mohamed Saber (Kyoto University)
Day 1	Technical Lecture	Tunnel Abrasion and Sediment Dynamics: AI-enhanced Risk Assessment	Eng. Ahmed Emara (PhD, Kyoto University)
Day 1	Research Lecture	Climate Data Downscaling for Local-scale Flood Applications	Eng. Asma Bomarani (PhD, Kyoto University)
Day 1	Ideation Lab	AI-based algorithms for multi-disciplinary applications	Prof. Emad Mabrouk (Zagazig University)
Day 2	Thematic Panel 2	Physical-Based modeling for flash floods.	Prof. Mohammed Abdel-Fattah (MTC, Oman)
Day 2	Applied Research Lecture	Sediment and plastic debris transport in Urban Catchments	Eng. Shiwomeh Desmond (PhD, Kyoto University)
Day 2	Lecture + Case Study	AI-Applications for Global climatic changes	Eng. Amirreza Tabataba (Kyoto University)
Day 2	Roundtable Discussion	AI, DL, ML for hydrological Applications	Prof. Nourani Vahid (Tabriz University)
Day 2	Futures Panel	Funding Roadmaps and Interdisciplinary Proposal Building	All Speakers
Day 2	Public Hybrid Webinar	Roadmap for AI × Hydrology: Global Challenges, Local Solutions	Dr. Mohamed Saber + Invited Panelists