Session B8	**AI Models and Big Data Construction and Applications for Flood Control and Disaster Reduction**
Time: 13:30-15:00, 8th September	**Room: 310**
Co-Chairs	GOURBESVILLE Philippe, International Association for Hydro-Environment Engineering and Research
	Liu Changjun, China Institute of Water Resources and Hydropower Research, China
	Added value of emerging solutions for addressing flood control and disaster management GOURBESVILLE Philippe (International Association for Hydro-Environment Engineering and Research)
	A High-Spatial-Accuracy Global River Dataset via Multi-Source Vector Data Fusion LIU Yesen (China Institute of Water Resources and Hydropower Research, China)
	Automated construction of emergency knowledge graph for mountain flood disasters based on large language models YE Peng (Yangzhou University, China)
	AI Models for Detecting Basin Pollution Risk Sources into River Huang Yaohuan (Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, China)
	Higher accurate flash floods and debris flows simulation: A hybrid model coupling HiPIMs and FLO-2D Dong Yitong (Institute of Zhengzhou University, China)