

Poster Indexing Program

Date	Time	Room	No.	Paper title	Authors
Sunday, 19th February	11:30-12:00	Main Hall	19-01	Case Study of Interpolation Method of Missing River Stage of Mountainous Flash Floods Based on Microseismical Monitoring Network	Kazuo Tsutsui, Yuta Tanida, Akito Nakata, Gaku Kitamoto, Osamu Tsujihara, Soichi Kaihara, Atsuhiko Kinoshita, Hiroaki Nakaya
			19-02	Study on Image-based Rain Gauge for Intensive Rainfall in Mountainous River Basin - Experiments in Large-scale Rainfall Experiment Facility	Akito KANAZAWA, Hiroaki NAKAYA, Nobuya YOSHIMURA, Kenji TSURUTA, Chang SONGMI
			19-03	Development of the river water level prediction method using data assimilation and the display system called Flood Risk Line	Shuichi Tsuchiya, Yoshimasa Morooka, Tetsuya Takeshita
			19-04	Toward basin flood control with yatsu topography ~ effect of grid resolution on runoff calculation ~	Takehiko Ito, Jin Kashiwada, Yasuo Nihei
			19-05	The influence of riverbed slope and channel width transitions on downstream flow and bed evolution characteristics	Soichi Tanabe, Toshiki Iwasaki, Yasuyuki Shimizu
			19-06	Long-range streamflow prediction using a distributed hydrological model in a snowfed watershed	Abdul Moiz, Akiyuki Kawasaki
			19-07	Validation and Improvement of Today's Earth-Japan: Toward the Integration of Satellite Observation and Flood Simulation	Kosuke Yamamoto, Kei Yoshimura, Masato Ohki
			19-08	Algorithm updates and validation results of GSMaP realtime version (GSMaP_NOW)	Moeka Yamaji, Tomoko Tashima, Munehisa K. Yamamoto, Takuji Kubota
			19-09	Investigation of ensemble reservoir inflow prediction system in Sai River, Japan	Katsunori TAMAKAWA, Shigeru Nakamura, Cho Thanda Nyunt, Tomoki Ushiyama, Mohamed Rasmy, Asif Naseer, Abdul Moiz, Katsuhiko Onuma, Toshio Koike
			19-10	Investigation of Uncertainties in Multi-variable Bias Adjustment in Multi-model Ensemble	Saurabh Kelkar, Koji Dairaku
			19-11	Relationship between frequency distribution of rainfall intensity and topography during the annual maximum rainfall event	Hiroki Okachi, Tomohito J. Yamada
			19-12	Comparative analysis between models of different complexities for the determination of flood spots: Case study of the Alto Paranapanema Basin	Jaqueline Carolino Santos, Maria Clara Fava ² , Javier Tomasella
			19-13	Development of a Prevention Method for Possible Heavy Rainfall Disasters Using a Climate Projection Database	Akihiro Suzuki, Tsuyoshi Hoshino, Taro Yamamoto, Fumihiko Uemura, Tomohito J. Yamada
			19-14	Development of Integrated Water Resources Management Plan for Gal Oya River Basin in Sri Lanka	Mohamed Zuhail, Mohamad Rasmy
			19-15	Case study of Himawari-8 precipitation estimation algorithm in the East Asian summer monsoon region	Hitoshi Hirose, Takuji Kubota, Koichi Toyoshima, Atsushi Higuchi
			19-16	Assessment of flood damage to agricultural crops under climate change scenarios using MRI-AGCM outputs in the Solo River basin of Indonesia	Badri Bhakta Shrestha, Mohamed Rasmy, Tomoki Ushiyama, Ralph Allen Acierto, Takatoshi Kawamoto, Masakazu Fujikane, Hiroyuki Ito, Takafumi Shinya
			19-17	Estimating the rate of change in heavy rainfall intensity for flood control planning in Japan	Yuta Maeda, Tetsuya Takeshita, Masaki Kawasaki
			19-18	Evaluation of climate change impacts on an urban river flow by the high resolution rainfall data	Hideo Amaguchi, Jonas Olsson, Akira Kawamura, Yoshiyuki Imamura

Date	Time	Room	No.	Paper title	Authors
			19-19	Uncertainty of river discharge estimation caused by bias correction using historical ensemble climate data	Kazuaki Yorozu, Yasuto Tachikawa
			19-20	Attributing weather patterns to Davao River extreme rainfall from Reanalysis and GCM	Ralph Allen E. Acierto, Tomoki Ushiyama, Toshio Koike
			19-21	Evaluating the Impact of Climate Change on the Return Period of Flood Peak Discharge over The Tokachi River Basin, Northern Japan by Using a Massive Ensemble Climate Dataset	Tsuyoshi Hoshino, Keita Shimizu, Mark Hegnauer, Tomohito J. Yamada
			19-22	Assessment of future flood risk using water and energy budget-rainfall runoff inundation (WEB-RRI) model: case study for the Davao River in the Philippines	Kensuke Naito, Daiki Kakinuma, Mamoru Miyamoto, Mohamed Rasmy, Tomoki Ushiyama, Anthony C. Sales, Toshio Koike
			19-23	Prediction of future flood frequency under changing climate using a large ensemble climate projections	Akihiro Hashimoto, Keita Yamaguchi, Yuki Tomitani
			19-24	Trend analysis of simultaneous heavy rainfall occurrence in multiple basins based on large ensemble experiments in the Kanto region of Japan	Naoki KOYAMA, Keigo Namikawa, Tadashi Yamada
Monday, 20th February	11:30-12:00	Main Hall	20-01	A study on an integrated water resources management plan under climate change for Grand River North West River basin, Mauritius	Akshay Kowlessar, Mohamed Rasmy, Toshio Koike
			20-02	Study on a flood damage reduction countermeasure by installing a spillway on a riverine levee for promoting the initiative of River Basin Disaster Resilience and Sustainability by All	Osamu Itagaki, Miho Ohara, Toshio Koike
			20-03	Influence of suspended sediment on the geomorphology of meandering rivers	Kattia Rubi Arnez Ferrel, Harada Daisuke, Egashira Shinji
			20-04	Disaster Mitigation Education for reducing sediment disaster impact conducted by the Wakayama Prefectural Government	Satoru MORIKAWA, Tadanori Ebisu, Takaki Sakaguchi, Akihiro Kishihata, Kaname Mori
			20-05	Experimental study of dike-break induced flow generated by instantaneous opening of the side gate	DAWEI ZHANG, ZHONGXIANG WANG
			20-06	A series of small detention ponds composed by river terrace edges and existing levees to reduce the peak discharge of an extraordinary flood – a case study in the upper Abukuma River in Japan –	Hiroshi Senoo, Tadaharu Ishikawa
			20-07	Flood Management in Angat Watershed	Patricia Ann J. Sanchez, Allan T. Tejada, Jr., Renz Kevin R. Ilagan, Jessa O. Aquino, Catherine B. Gigantone, Myra E. David, Roger A. Luyun, Jr., Fernando Sanchez Jr., Francis Faderogao, Mamoru Miyamoto
			20-08	Recent progress in the Sabo projects against sediment and flood damage in Japan	Shin-ichiro Hayashi, Hiroaki Tsunakawa, Takao Yamakoshi, Yusuke Sakai
			20-09	Finding obstructive factors for resilient housing recovery practice after flood	Michiko Banba, Tamiyo Kondo, Ryohei Fujii
			20-10	Research and development of an information sharing tool for safe and effective flood fighting	Yuki EBIHARA, Yoko YAMAMOTO, Osamu ITAGAKI
			20-11	Research on flood resilience improvement of underground space based on analysis of flooding characteristics	Jie Mu, Cheng Zhang, Ruozhu Shen, Xiaoli Hao, Haijun Yu, Binbin Wu, Xiaolan Chen, Wangyang Yu
			20-12	Strengthen resilience to rivers flooding by the drag reduction technique	WALID BOUCHENAF, Arnaud LEFEVRE
			20-13	Understanding the vital flood warning dissemination method to approach last-mile End Users in Indonesia effectively	Aminingrum, Afrial Rosya, Linda Lestari, Rucky Nurul WD, Mizan B. F. Bisri
			20-14	A Study on Improving Disaster Mitigation Awareness by Simulated Flood Experience Using VR Videos	Tsuyoshi Koyabu, Masatoshi Denda

Date	Time	Room	No.	Paper title	Authors
			20-15	Characteristics of shape and stagnation of rainfall depending on river basin	Yuta Ohya, Tomohito J. Yamada
			20-16	Landslide dam formation susceptibility evaluation research of Italy	Hang Wu, Mark A. Trigg, William Murphy, Raul Fuentes
			20-17	Study on methods of improving flood resilience in flood plain area from CAS theory perspective	SHANG Xuefeng, CHEN Zhiduan, CHEN Hong
			20-18	SIGNIFICANCE OF HAVING INTEGRATED WATER RESOURCE PLAN IN A COMPLEX WATERSHED SYSTEM FOR BETTER WATER MANAGEMENT DURING COVID PANDEMIC: THE CASE OF MAHAWELI RIVER BASIN	Roshan Indika Jayasinghe, Mohamad Rasmy
			20-19	Necessary storage for managing early flash-flood to save crops in the north-eastern region of Bangladesh	Muhammad Masood, Abdul Wahid Mohamed Rasmy
			20-20	A Study on the Assessment of Flood Vulnerability Considering Social Influence and Urban Functions	Gyumin Lee, Doosun Kang, Seokhyeon Kim, Kyung Soo Jun
			20-21	Development of a route search system considering the risk of being involved in flooded areas	Kohei Ogawa, Takuya Inoue, Yuki Hiramatsu
			20-22	Understanding Flood Risk and Local Community Adaptation During Covid-19. Case of Samarinda City, Indonesia	Ariyaningsih, Rajib Shaw
			20-23	Proactive Approaches to Disaster Risk Management (DRM) for Hydro-Meteorological Hazards in Fiji	Mesake Mataitoga, Miho Ohara, Wojciech Dabrowka, Shinya Abe, Meiapo Faasau
			20-24	Estimation of Rainfall Probability based on Radar-Rainfall – For Improvement of Debris Flow Prediction Method	Hiroaki Nakaya, Soichi Kaihara