



The 8th China-Japan-South Korea Water Science Forum Advances in Water and Flood Management

October 30-31, 2025
KUMAMOTO, JAPAN

Venue

The 100 Anniversary Hall (Faculty of Engineering)
Kurokami South Campus, Kumamoto University

Access

2-minute walk from Kumamoto Daigaku Mae Bus Stop

20-minute walk from JR Tokai Gakuen Mae Station

Map: https://ewww.kumamoto-u.ac.jp/en/about/access/access_map/



Organized by

Center for Water Cycle, Marine Environment and Disaster Management, Kumamoto University

College of New Energy and Environment, Jilin University

Local Organizing Committee

Hiroaki ITO

Hiroshi CHO

Kei ISHIDA

Masahide MATSUMURA

Naoto INAGAKI

Shinya WATANABE

Sooyoul KIM

Tomoko MINAGAWA

Yasunori KAWAGOSHI



Welcome Message

The East Asian region is experiencing the fastest urbanization in the world, yielding significant economic benefits. However, depending on the stage of development in various areas, it also faces numerous challenges such as the loss of agricultural land, water resource shortages, excessive groundwater extraction, frequent pluvial and fluvial flooding, inadequate water infrastructure, water pollution and environmental degradation. Additionally, issues related to climate change, aging infrastructure, and a declining birthrate alongside an aging population are becoming increasingly evident, highlighting the urgent need for innovation in water resource management and flood disaster response.

Kumamoto Prefecture, known as the "Land of Water," is particularly rich in groundwater, capable of supplying 100% of the drinking water for the city of Kumamoto. While benefiting from these abundant resources, Kumamoto has also experienced frequent water-related disasters caused by typhoons and intense rainfall during the rainy season. Significant events include the Shirakawa Flood in June 1953, the flood in June 1980, the Kumamoto Wide Area Flood in July 2012, and the Kuma River Flood in July 2020. Recently, the first factory of TSMC (Taiwan Semiconductor Manufacturing Company), the world's largest semiconductor foundry, was established in Kikuyo Town, Kumamoto Prefecture, with a second factory planned. The expansion of TSMC is transforming not only the rural areas surrounding the factory but also the broader Kumamoto region, as new industrial, commercial, and residential projects rapidly emerge, making Kumamoto one of the fastest urbanizing areas in Japan.

On behalf of the Local Organizing Committee, I would like to extend a warm welcome to all participants. We are honored to provide this platform here in Kumamoto, where researchers, practitioners, and future leaders from China, Korea, and Japan come together to share the latest research findings and insights on water resources and flood management in the context of urbanization and climate change, fostering a collaborative research and human network. We hope you enjoy your stay in Kumamoto.

This forum is a collaborative event hosted by Kumamoto University and Jilin University, and it is also part of the J-PEAKS program supported by MEXT (Ministry of Education, Culture, Sports, Science and Technology), Japan.

Dr. Hiroshi CHO
Professor of Kumamoto University
Chair of the Local Organizing Committee

Photographic Memory



Group Photo



Registration



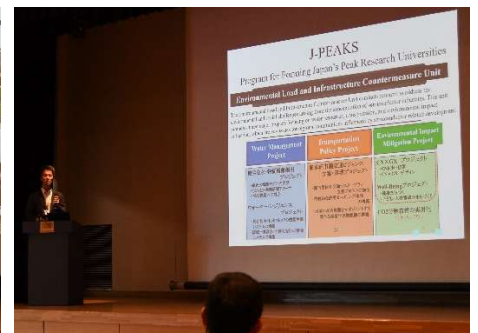
Opening Address

(Dr. Jun Ohtani, Executive Vice President, Kumamoto Univ.)



Forum Series Introduction

(Dr. Youcan Feng, Assoc. Prof., Jilin Univ.)



J-PEAKS Program Introduction

(Dr. Kei Ishida, Assoc. Prof., Kumamoto Univ.)



Keynote Speech (Dr. Hongwei Fang, Vice President of SUSTech and Prof. of Tsinghua Univ.)



Prof. Joo-Heon Lee (Joongbu Univ.)



Prof. Yasunori Kawagoshi (Kumamoto Univ.)



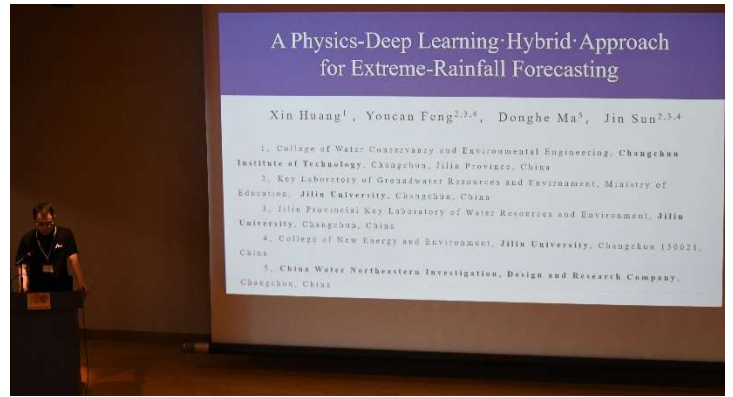
Prof. Jiahong Liu (IWHR, China)



Dr. Donglai Li (Xi'an Univ. of Technology)



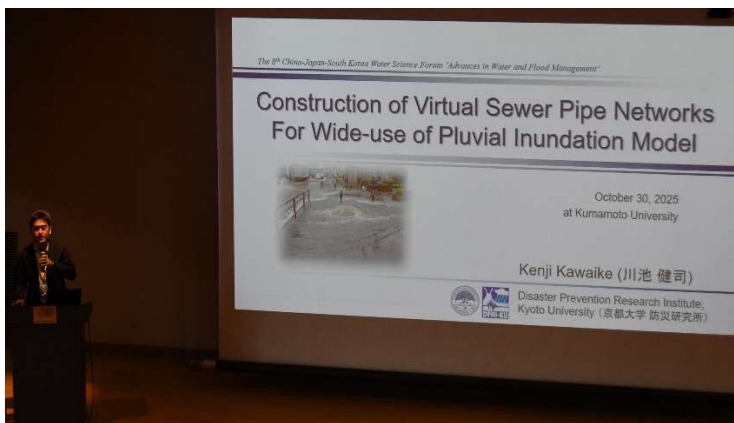
Prof. Weiwei Shao (IWHR, China)



Mr. Xin Huang (Changchun Institute of Technology)



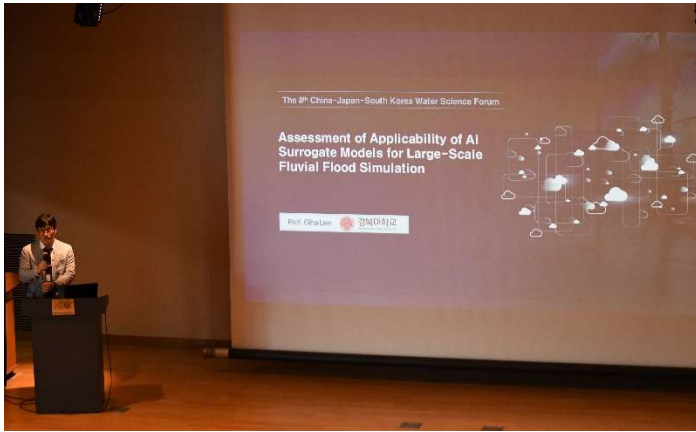
Luncheon Seminar (Dr. Hiroshi Cho, Chair of the Forum and Prof. of Kumamoto Univ.)



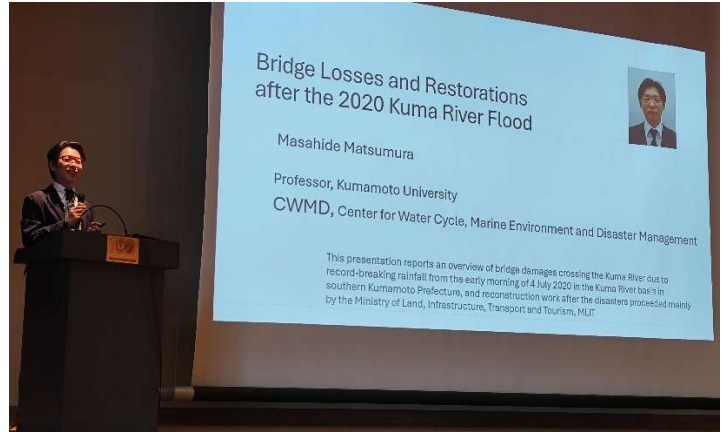
Prof. Kenji Kawaike (Kyoto Univ.)



Prof. Jingming Hou (Xi'an Univ. of Technology)



Prof. Giha Lee (Kyungpook Univ.)



Prof. Masahide Matsumura (Kumamoto Univ.)



Prof. Chao Mei (IWHR, China)



Dr. Rei Itsukushima (Kyushu Univ.)



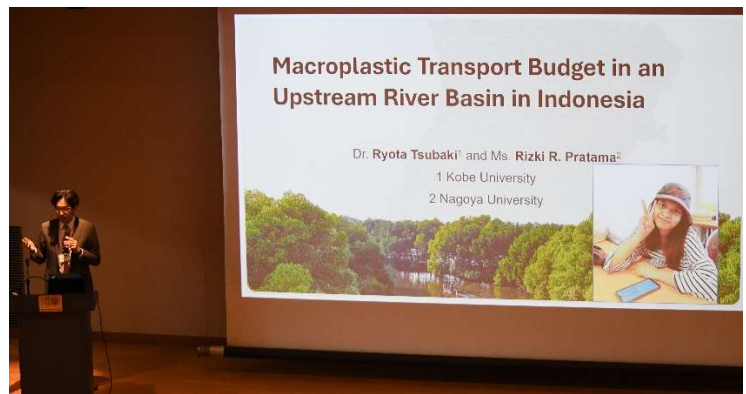
Dr. Tianxu Song (IWHR, China)



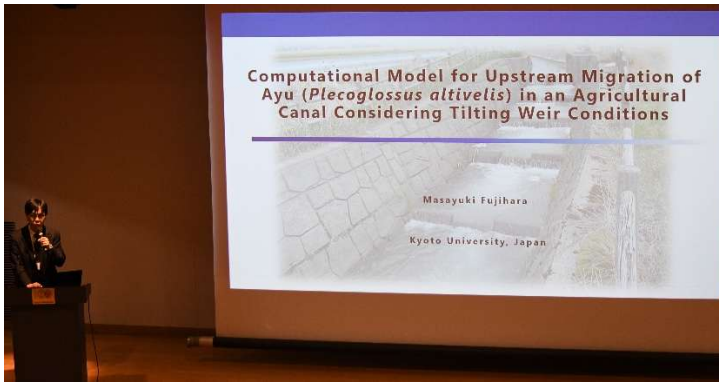
Dr. Seungyub Lee (Hannam Univ.)



Dr. Jia Wang (IWHR, China)



Dr. Ryota Tsubaki (Kobe Univ.)



Prof. Masayuki Fujihara (Kyoto Univ.)



Dr. Yeonjoong Kim (Korea Environment Institute)



Prof. Shuangshi Dong (Jilin Univ.)



Closing Remarks (Prof. Emeritus of Kyoto Univ.)



Gathering at the Venue



Exchange of Ideas and Perspectives with Audience



Celebrating Friendship and Enjoying Kumamoto Cuisine at the Reception



Technical Visit to the Volcanically Active Area upstream of the Shira River



Technical Visit to the Uchinomaki Retarding Basin along the Kuro River



Working Lunch during the Technical Trip



Technical Visit to the Aso Tateno Dam on the Shira River



Technical Visit to the Hanaguri Ide in A Historic Irrigation Channel

Thank you for your attendance and look forward to seeing you next year!

(Registered Participants:80)