

Korea-US-Japan Joint Research Seminar on River Hydraulics

Date and Time: September 2, 2024, 9:00 AM - 3:00 PM

Venue: [Hokkai Gakuen University, Yamahana Campus](#), 1-1 Minami 26-jo Nishi 11-chome, Chuo-ku, Sapporo, 064-0926, Japan

Objective: To exchange information on recent research in river engineering and hydraulic engineering and to discuss future directions for research collaboration.

Invited Lectures:

- Dr. Il Won Seo, Emeritus Professor/Principal Researcher, Seoul National University – “Development of Quasi-Three-Dimensional Particle Transport Model and Its Application to the Riverine Lake”
- Dr. Jon Nelson, iRIC Group Director, CEO of River Mechanics Inc, Former Director of USGS Geomorphology and Sediment Transport Laboratory – “An efficient river gaging methodology and flood early warning system using computational flow models with bridge-mounted stage and surface velocity sensors”
- Dr. Kazutake Asahi, Director of iRIC-UC foundation, CEO of the RiverLink, Co., Ltd. – “Personal View: Exploration and Problem Solving in iRIC”
- Dr. Toshiki Iwasaki, Associate Professor, Field Engineering for the Environment, Graduate School of Engineering, Hokkaido University – “Monitoring the floating materials in rivers: A case study of the Shiribeshitoshibetsu River”
- Dr. KWON, Siyoon, Seoul National University – “Analysis of Suspended Sediment Transport Using High-resolution Hyperspectral Imagery in Rivers”

General Presentations:

Hokkaido University, Public Works Research Institute, Toyama Prefectural University and others

Moderator: Dr. Tomoko Kyuka, Associate Professor, Toyama Prefectural University

Organizer: Hokkai Gakuen University Faculty of Engineering, River Environment and Disaster Prevention Engineering Laboratory (Funded by the Hokkaido River Foundation)

Supported by: Hokkaido River Foundation and iRIC-UC Foundation

Participation Fee: Free (Limited to the first 30 participants). Please register from the following URL.
<https://forms.gle/Yb9bNSsw6x7ZZeMo7>

Reception: A reception party for speakers and participants is planned from 6:00 PM. Details will be announced on the program site above. Participation in the reception alone is also welcome.

Program: https://i-ric.org/yasu/seminar/Program_e.pdf

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