

The 1st Front Runner Series

Kyoto University and The University of Melbourne

Water-Related Research Exchange

and
The 2nd Joint Meeting Series (Closed)
"Chasing for Serendipities"

L-INSIGHT
世界視力を備えた
次世代トップ研究者
育成プログラム

SPEAKERS

[The University of Melbourne]
Prof. Rory Nathan
Prof. Murray Peel
Dr. Conrad Wasko

[Kyoto University]
Prof. TACHIKAWA Yasuto
Dr. YOROZU Kazuaki
Dr. SAYAMA Takahiro

November 3, 2021

13:00-15:00 JST | 15:00-17:00 AEDT

REGISTRATION

Deadline → October 28, 2021

URL → <https://forms.gle/JoF6DTRbxDzprYRc8>



MODERATOR | L-INSIGHT Fellow

[Kyoto University]
Dr. TANAKA Tomohiro

L-INSIGHT is a hub at Kyoto University comprised of select researchers under the age of forty. It was established with a grant from the Japanese government. Through opportunities for collaboration with partners in industry and other countries, we are working to ensure that early career researchers will be able to freely and sustainably construct their own research communities in 2030.

The Joint Meeting Series is one of the joint program established last year that aims to promote seeds of future collaborative research initiatives led by young researchers themselves and to continue mutual progress through co-creation.

This year, we are very pleased to launch Front Runner Series as a forum to encourage the continuation and development of the research themes encountered in that joint meeting series. In the first session, Tomohiro Tanaka, a researcher in hydrology, will organize a discussion on the prospects of Water-Related Research.

Despite the continuing worldwide coronavirus pandemic, we would like to concretely discuss potential topics for research with people in other cultures and fields, taking the first step towards the creation of on-going relationships.

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[Organizers]

- The University of Melbourne
- Kyoto University Center for Enhancing Next-Generation Research

[Contact]

- The University of Melbourne: Mark Gregory / Mika Shimoda
- Kyoto University: NAKANO Asa <faculty-l-insight[at]kyoto-u.ac.jp>

SPEAKERS

[The University of Melbourne (UoM)]

- Prof. Rory Nathan
engineering and environmental hydrology, hydrology of extremes, flood risk estimation and forecasting, impacts of climate change and land use

- Prof. Murray Peel
catchment hydrology and hydroclimatology, modelling the impacts of land use and climate change

- Dr. Conrad Wasco
the impacts of climate change on hydroclimatic extremes, flood risk characterisation

[Kyoto University (KU)]

- Prof. TACHIKAWA Yasuto
flood hydrology, climate change impact assessment, data assimilation

- Dr. YOROZU Kazuaki
land surface processes, soil moisture, bias correction

- Dr. SAYAMA Takahiro
rainfall-runoff processes, inundation modelling, ensemble flood forecast

MODERATOR | L-INSIGHT Fellow |

- Dr. TANAKA Tomohiro
flood risk assessment, flood frequency analysis, climate change impact assessment

PROGRAM

The 1st Front Runner Series [Live stream, open to the public]

JST AEDT

13:00 15:00 Opening Remarks (Opening address & Greetings)

13:10 15:10 Information of Funding Opportunity [UoM/KU]

Plenary Session

“Kyoto University and The University of Melbourne
Water-Related Research Exchange”

Moderator: Dr. TANAKA Tomohiro [KU, L-INSIGHT Fellow]

13:15 15:15 Introduction Dr. TANAKA Tomohiro

13:20 15:20 Recent research on assessing flood risk for operational and planning purposes Prof. Rory Nathan [UoM]

Presentations from Research Groups

13:35 15:35 Current Research Interests Prof. Murray Peel [UoM]

13:45 15:45 The impact of changes in soil moisture on flooding Dr. Conrad Wasco [UoM]

13:50 15:50 Q&A

14:00 16:00 Rainfall-runoff modeling and predictions for climate change adaptations Prof. TACHIKAWA Yasuto [KU]

14:15 16:15 Large-scale flood simulation and regional risk assessment Dr. TANAKA Tomohiro

14:20 16:20 Q&A

14:30 16:30 Development of a nationwide Rainfall-Runoff-Inundation model in Japan for flood forecasting and risk assessment Dr. SAYAMA Takahiro [KU]

14:45 16:45 Q&A

14:55 16:55 Closing

The 2nd Joint Meeting Series [Closed]

JST AEDT

13:35 15:35 “Chasing for Serendipities”

