


Live session at the IUFRO World Day (Talk)

Emerging topics on forests and water

Task Force on Forest and Water Interactions in a Changing Environment

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28 September 2021, 16:15 – 17:15 UTC

Kelowna, Canada (on the IUFRO World Day Map)

To join us, please register for the IUFRO World Day: Registration

You will find us at the host city on the Interactive Map

Forests play a critical role in hydrological processes and their related functions. However, climate change, climate-driven forest disturbance and human activities are dramatically change forests and consequently affect water supply, environmental risks and aquatic ecosystems. Understanding and managing forest-water relations or interactions is one of the IUFRO key research themes. It directly or indirectly affects all 17 SDGs of United Nations directly or indirectly. Recently, the IUFRO Task Force of Forest and Water Interaction in a Changing Environment has organized two virtual meetings to discuss emerging topics on forests and water. About 30 world-leading forest hydrologists or Task Force members involved in this discussion. This session will provide a summary of these identified emerging topics for further discussion and inputs.

KEYWORDS

- Sustainable Forest Management
- Forest environment
- Forest Fires
- Climate Change
- Water

SPEAKERS

Dr. Adam Wei is professor of forest hydrology and watershed management at University of British Columbia (Okanagan campus), Canada. He is also coordinator of the IUFRO Task Force of Forests and Water Interactions in a Changing Environment, and associate editor of Ecohydrology. His major research interests include cumulative forest disturbance and hydrological responses in large watersheds and landscapes, watershed ecosystem analysis, and climate change impact assessment.
He has published about 200 scientific papers.