

Adapting to Climate Change in Transboundary River Basins



**10 OCTOBER 2024 WEBINAR ORGANIZED BY THE
INTERNATIONAL WATER RESOURCES ASSOCIATION (IWRA)
AND INTERNATIONAL ASSOCIATION FOR WATER LAW (AIDA)**

MODERATED BY

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(AIDA Executive Council)**

Climate Change Impacts and Considerations in River Basins



- **Sea Level Rise, Seawater Intrusion and Salinity**
- **Rising Instream Temperatures and Coldwater Fisheries**
- **Increased Crop Evapotranspiration and Irrigation Demand**
- **Calls for Hydropower Expansion to Reduce GHG Emissions**
- **Dams and Coldwater Fishery Migration to Upper Watershed**
- **Evaporation from Reservoirs and Aquifer Recharge Ponds**

Different Types of Transboundary Rivers



“BORDER” TRANSBOUNDARY RIVERS

(Saint Lawrence River, River Uruguay, River Tweed)

“UPSTREAM/DOWNSTREAM” TRANSBOUNDARY RIVERS

(Colorado River, Columbia River, Nile River)

“HYBRID” TRANSBOUNDARY RIVERS

(Mekong River, Danube River)

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Presenters for Today's Webinar



Dr. Mara Tignino
(University of Geneva/Geneva Water Hub)

Dr. Ineke Kalwiji
(Kalwiji Water Dynamics)

Dr. Malcolm Gander
(Groundwater Resources Consultant)

Dr. Rosario Sanchez
(Texas Resources Institute at Texas A&M University)