

Webinar 3: Addressing Water Management Challenges through Decision Scaling and Adaptation Pathways

Thursday, 29 October 2020; 15:30–17:00 CET / 13:30-15:00 UTC

Registration Link: https://unesco-org.zoom.us/webinar/register/WN_1uWyUE3nRpuNx0YXuecZzA

During the webinar, participants will be introduced to two bottom-up approaches: Decision Scaling and Adaptation Pathways. Presenters will touch on the processes' history, relevance, and practical applications. To highlight their role in addressing water management challenges, presenters will share real-life examples of case studies that were performed using the two approaches.

The decision scaling approach was developed in order to assess the significance of climate risks and identifying system vulnerabilities in water resource projects. This robustness-based bottom-up approach serves as a decision support tool to assist project planning under uncertainty.

With an emphasis on flexibility as a means to achieve project objectives, the Adaptation Pathways approach allows users to plan a sequence of investments or policy actions over time while taking uncertainty and changing conditions into account. The output is an adaptation pathways map which provides insight into policy options, the sequencing of actions over time, potential lock-ins, and path dependencies.

Presentations will be given jointly by local and international project experts. Open discussions will be held with the audience via Q&A.

Draft Agenda (times are CET)

Moderated by: **Anil Mishra**, Programme Specialist, Division of Water Sciences, UNESCO

15:30–15:35 | Opening Statement by **Will Logan**, Director, ICIWaRM

15:35–15:55 | *Decision Scaling* by **Casey Brown**, Professor of Water Resources Engineering, University of Massachusetts-Amherst, **and Alexis Dufour**, Long-Term Vulnerability Project Manager, San Francisco Public Utilities Commission

15:55–16:15 | Moderated Q&A

16:15–16:35 | *Adaptation Pathways* by **Andrew Warren**, Water Resources & Delta Management, Deltares

16:35–16:55 | Moderated Q&A

16:55–17:00 | Closing Remarks and Announcements by **Anil Mishra**