



Climate-Resilient Water Management Approaches: Adaptation in an Age of Uncertainty

A monthly webinar series from UNESCO, AGWA, & ICIWaRM

Webinar 2: Incorporating Climate Risks into Decision Making Through CRIDA: Perspectives from Zambia and Chile

Thursday, 24 September 2020; 15:30–17:00 CEST / 13:30-15:00 UTC

Registration Link: https://unesco-org.zoom.us/webinar/register/WN_kDm2GsBZSJllhU3DIKBAG

Water managers face mounting risks from climate change and other drivers of uncertainty. Climate Risk Informed Decision Analysis (CRIDA) is a collaborative framework meant to help decision makers, stakeholders, and water managers assess and address the risk and impacts of climate change on water resources. This webinar will introduce participants to real-life examples of case studies that were performed within CRIDA framework in vastly different contexts.

During the dry season, low levels of water in the Kafue Gorge reservoir affects both water availability and power availability, making Zambia's capital of Lusaka especially vulnerable to climate-related risks. This CRIDA case study explores the approaches that would increase the Iolanda Water Treatment Plant's ability to deliver acceptable levels of water supply to the utility that serves Lusaka while incorporating plausible climate change risks into decision making.

In recent years, an unusually long drought in Chile's Limarí Basin has led to increasing water security challenges, with a significant impact on the region's booming agriculture sector. With input from local stakeholders, water managers have used CRIDA to identify specific climate-related risks and chart a path towards developing adaptation strategies at a watershed scale that ensure continued performance of key systems.

Q&A sessions will be run after each case study presentation, featuring interventions and questions from local project partners. The Q&A will also feature questions from the audience in order to facilitate an open discussion and provide for an interactive webinar.

Draft Agenda (times are CEST)

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

15:30–15:35 | Opening Statement by **Anil Mishra**



- 15:35–15:55 | *CRIDA: Iolanda Water Treatment Plant Case Study* by **Marc Tkach**, Director of Infrastructure and Integrated Program Management, Millennium Challenge Corporation
- 15:55–16:05 | Mini-panel featuring **Chipili Chikamba**, Infrastructure Development Director (WatSan), Millennium Project Completion Agency-Zambia, **and Marc Tkach**
- 16:05–16:15 | Open Discussion
- 16:15–16:35 | *Assessing Climate Change Impacts on Water Security: A CRIDA case study from the Limarí Watershed in Chile* by **Koen Verbist**, Programme Specialist, UNESCO **and Ad Jeuken**, Expert Advisor on Climate Change Adaptation and Water, Deltares
- 16:35–16:45 | Mini-panel featuring **Gabriel Mancilla**, Executive Director, CAZALAC, **Ad Jeuken**, **and Koen Verbist**
- 16:45–16:55 | Open Discussion
- 16:55–17:00 | Closing Remarks and Webinar 3 Announcement by **Will Logan**, Director, ICIWaRM