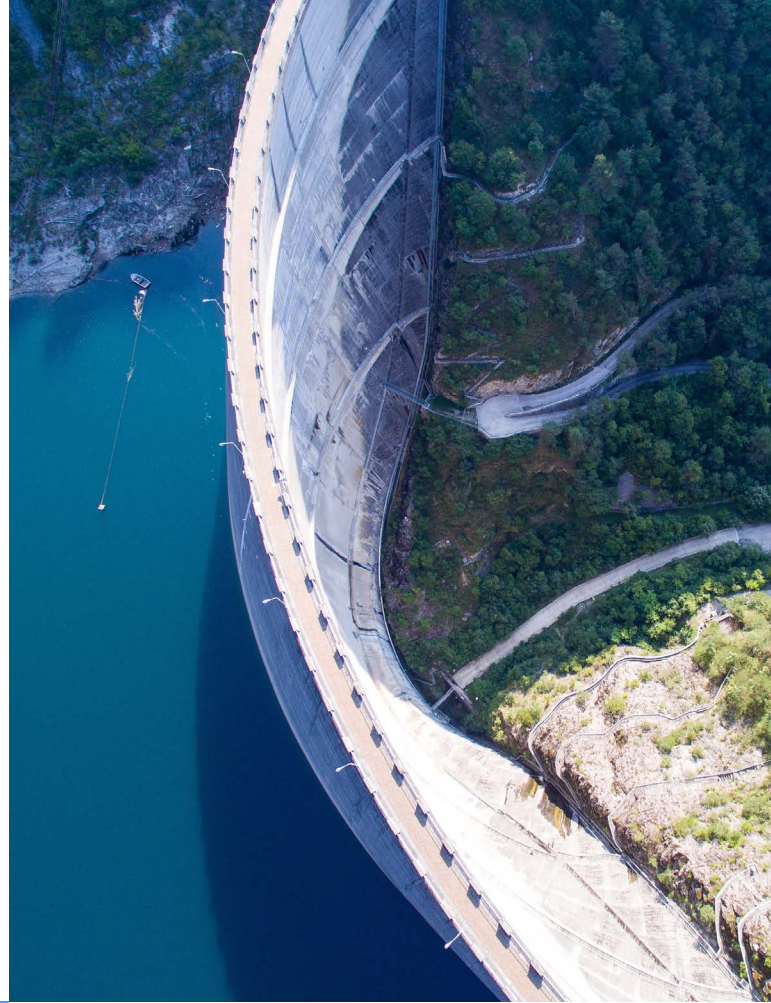


## Promoting & Supporting Bottom-up Approaches to Assessing & Reducing Climate Risks

AGWA endorses a new generation of methodologies to assess and address climate risk in water resources management. These “bottom-up approaches” work with complex stakeholder needs, build confidence for policymakers, and integrate into existing decision-making processes to achieve quantitative solutions that are both robust and flexible. AGWA supports bottom-up approaches such as the World Bank’s Decision Tree Framework (DTF), Collaborative Risk Informed Decision Analysis (CRIDA), and Eco-Engineering Decision Scaling (EEDS).



### World Bank Decision Tree Framework (DTF)

The DTF is a guidance that progressively directs the user through a series of queries to assess and reduce the risk of a project, program, or activity to failure from uncertain futures such as climate risks. It is a pragmatic process for water resources management planning and design through bottom-up vulnerability assessments. The DTF is the first and only formal institutionalizing of bottom-up approaches at an operational agency.

### Collaborative Risk Informed Decision Analysis (CRIDA)

CRIDA is a complementary document to the DTF approach that is more prescriptive through the use of step-wise planning principles used by the US Army Corps of Engineers and Rijkswaterstaat of the Netherlands, the use of a collaborative framework, and the implementation of adaptation pathways. The document is in production to be launched as a publication in summer 2017.

### Eco-Engineering Decision Scaling (EEDS)

EEDS is a novel approach that explicitly and quantitatively explores tradeoffs in stakeholder defined engineering and ecological performance metrics across a range of possible management actions under unknown future hydrological and climate states. It works to reconcile ecological and human-centered water management objectives.






## About Us

Founded in 2010, the Alliance for Global Water Adaptation (AGWA) is an informal network for water resources adaptation to climate change, focused on supporting experts, decision makers, and institutions within the water and climate communities to find common solutions for sustainable water resources management. AGWA has two co-chairs: the World Bank and SIWI.

## Why Support AGWA?

Each of these methodologies share a core set of concepts and principles, but they are also new enough that the set of applications and cases remains relatively small. We would like to increase capacity by building an active and engaged professional society of individuals globally who are committed to refining, applying, and exploring bottom-up approaches in a collaborative manner.

## Get in Touch

-  <http://alliance4water.org>
-  <http://agwaguide.org/risk>
-  @Alliance4Water
-  [linkedin.com/groups/4077253](https://www.linkedin.com/groups/4077253)
-  [vimeo.com/alliance4water](https://vimeo.com/alliance4water)