



Resilient Water Systems Community of Practice (CoP) Factsheet

What is the Resilient Water Systems Community of Practice?

The Resilient Water Systems (Water) Community of Practice (CoP) emphasizes promoting UN Sustainable Development Goal (SDG) 6 and the broader [Agenda 2030 for Sustainable Development](#) in islands in locally and culturally informed ways. This CoP on achieving resilient, equitable, integrated, and holistic water systems management, building on local, regional, and global priorities in the context of the [four principles of the Local2030 Islands Network](#).

A community of practice is an interactive and member-driven network of people that comes together to learn and support individual and group goals. This CoP brings together island stakeholders with an interest in advancing climate resilient water resource management solutions for their islands while supporting broader, scalable island-wide development and major economic initiatives. Activities and the shared networking platform will help stakeholders advance strategy, policy, financing, and technical solutions in their work.

Communities of practice foster:

- Peer learning and exchange: opportunities to attend virtual and in-person training events and participate in an information exchange platform to share best practices and information.
- Collaboration with water management and resilience experts: support from experts from organizations such as the U.S. National Oceanic and Atmospheric Administration (NOAA) as well as regional and international partners.
- Technical and advisory support and resources: access to ad-hoc technical or advisory support to help develop and/or implement initiatives, promoting use of tools and leading practices through case studies and sharing of related resources to support members in advancing resilient, innovative, and equitable water resource management solutions.

Who is the Resilient Water Systems Community of Practice for?

The Water CoP provides opportunities for peer learning, training, technical assistance for the island water resources management sector, policy makers, planners, emergency managers, utility service providers, market participants, academia, and other civil society participants with expertise in or proximity to clean water-related sectors. *This CoP is open to any of the above-mentioned individuals/professionals; it is not restricted to the Local2030 Islands Network island members and their representatives.*

How to join?

To sign up for the Water CoP or nominate others, please fill out the [Membership Form](#).

What are the benefits from joining the Resilient Water Systems Community of Practice?

The Water CoP provides advisory support and promotes peer learning across practitioners working on developing and implementing strategic water resources management plans to enhance systems sustainability and address specific challenges related to water systems infrastructure including source water and groundwater protection, conservation, and extraction, treatment and distribution, sanitation, and wastewater management.

Topics to be addressed in this CoP will continue to be based on member needs. Examples include:

- Evaluating water budgets and systems vulnerabilities for an island economy or group of islands;
- Training and technical assistance on various topics, such as: demand modeling, improving system utilization and reliability, and identifying least-cost scenarios;
- Measuring SDG progress through locally and culturally informed indicators;
- Facilitating innovative financing mechanisms to support implementation of resilient water systems management projects and integrated watershed management plan priorities; and
- Implementing concrete initiatives that build island resilience and the circular economy through locally appropriate solutions at the water-energy-food nexus for increased social, economic, and environmental well-being.

Members of the community of practice will have opportunities to improve and share their knowledge and capacity to design and/or implement integrated water resources management and water system resilience measures through peer exchange and access to partnerships, resources, and tools.

Participants' roles:

- Actively engage in the discussions and share experiences with resilient water development;
- Recruit colleagues to participate to learn and share information;
- Share the learning and materials from this CoP with their peers;
- Discuss how they are applying the learning from participation in this group to advance policies, plans, and projects; and
- Support the achievement of available and sustainable water and sanitation for all in alignment with the goals and targets of the United Nations 2030 Sustainable Development Goals and the priorities of their own jurisdictions.

The Local2030 Islands Network

The Local2030 Islands Network, with guidance and support from member islands Aruba, Bonaire, and Curacao, launched the Resilient Water Systems Community of Practice in 2023 to further facilitate islands learning from one another. The Local2030 Islands Network is a global island-led network dedicated to advancing the United Nations Sustainable Development Goals (SDGs) through locally driven, culturally informed solutions. The Network brings together island nations, states, communities, and cultures, all tied together by their shared island experiences, cultures, strengths, and challenges.

