



# Capacity Development in Water Resource Management

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## Managing the essential resource

To be successful, water resource management needs to balance the concerns of government agencies, operational departments, planning institutions, environmental concerns and commercial enterprise, as well as the communities where people live and work.

The SIWI/Ramboll Natura consortium enables governments and professionals to meet those challenges with holistic strategies and best practices.

## Capacity development – the key to integrated water resource management

Effective water resource management demands organisational capacity and agility. A “capacitated” organisation is well equipped to anticipate and mitigate the impacts of environmental, social, economic, and political shifts. This ability frequently makes all the difference for a nation, region, or basin looking to build stable socio-economic development for its people.

To help water resource managers enhance and build capacity for their organisations, the SIWI/Ramboll Natura consortium focuses on two advanced bodies of knowledge and practice: Integrated Water Resources Management (IWRM) and Transboundary Water Management (TWM).

Through its capacity building programmes, the consortium helps professionals apply advanced knowledge, deploy field-proven tools, and build useful networks.

## Building bridges for sustainable development

### More than just water

Effective water resource management is much more than expertise about just water itself. IWRM and TWM methodologies take a systems approach to the practice by integrating the interests of multiple stakeholders and facilitating good communication among all levels of the critical decision chain. In its work, the SIWI/Ramboll Natura consortium expands the field of focus beyond water to include:

- How to communicate and share knowledge effectively among different stakeholder groups to involve them in the management process.
- How to deploy management tools that integrate all critical factors and different sectors.
- How to manage collaboration and build consensus on key goals and tradeoffs.
- How to work within existing and developing national and international legal frameworks.

# Water Resource Management



*“The IWRM program has contributed a lot towards my organisation and partners as well as my own personal development. ... My organisation/partners feel honoured to have sent me on this training program, as it has resulted in huge success towards the development of my community and the nation as a whole.”*

*Alumni from IWRM programme 2006, Namibia*

## **Participatory engagement**

There is much to be gained and learned by engaging different stakeholders from the government, NGO, media, academic, and private sectors. The SIWI/Ramboll Natura consortium does this by directing:

- Mentor and peer review processes.
- Discussion groups, panels, and group collaboration.
- Role play sessions simulating various stakeholder positions and decision-making situations.
- Field visits and in-depth case studies.

## **Global reach, multi-level scope**

The SIWI/Ramboll Natura consortium engages international, regional, and local clients around the world. The scope of its work encompasses a wide range of experience, expertise, and methodologies to provide:

- Adaptive curricula and materials customised to the needs of each client.
- Multiple perspectives and approaches to decision-making.

- Interactive engagement with local and regional partners.
- In-depth knowledge and experience gained from various regions and water bodies, including aquifers.

## **Systemic change through the individual**

Because most change is the result of individual initiative, SIWI/Ramboll Natura training programmes focus on empowering individuals to introduce and drive new concepts within their organisations and spheres of influence. The programmes help individuals build synergies and wider influence through:

- Workplans and projects that address professional challenges and organisational dynamics.
- Organisational processes for the exchange of knowledge and knowledge development.
- Building productive networks and trust.
- Direction and guidance for institutional development processes, negotiations, and strategies.
- Productive collaboration with basin and aquifer commissions.

## Stockholm International Water Institute and Ramboll Natura

### Capacity development expertise for water management

Since 2005, the SIWI/Ramboll consortium has conducted Sida-funded IWRM and TWM training programmes involving countries across the globe. The consortium works in close collaboration with international, regional, and local organisations and experts to give participants relevant, up-to-date training that is practical and useable for their individual situations.

Regional partners currently include the African Centre for Technology Studies, African Centre for Water Research, Euphrates-Tigris Initiative for Cooperation, International Center for Agricultural Research in the Dry Areas, International Water Management Institute, Global Water Partnership – West Africa, WaterNet, and Water and Environment Research and Study Centre at the University of Jordan. The consortium continually looks to expand its scope through new partnerships worldwide.

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#### Stockholm International Water Institute

The Stockholm International Water Institute (SIWI) is a policy institute that contributes to international efforts to find solutions to the world's escalating water crisis. SIWI is the organiser of the annual World Water Week in Stockholm.

[www.siw.org](http://www.siw.org)



#### Ramboll Natura AB

Ramboll Natura AB is an international consulting company engaged in the field of sustainable development, focusing on environment and natural resources management.

[www.rambollnatura.se](http://www.rambollnatura.se)