

Project Title: Development of a Strategic Framework for Coastal and Marine Water Quality Monitoring and Management in the Western Indian Ocean Region

***7th WIOSAP PROJECT STEERING COMMITTEE
DARES SALAAM, TANZANIA
29TH JANUARY 2025***

**Name of IP: Susan Taljaard & Steven Weerts
Council for Scientific and Industrial Research
CSIR, South Africa**

Why the Project

- **Objective:** Towards supporting regional & national actions to address stresses on marine and coastal water quality (linked to Decision CP.9/7):
 - Prepare **Situation Assessment** of Marine & Coastal Water Quality Management (C&MWQM) in WIO region
 - Develop **Strategic Framework for C&MWQM** for WIO region to harmonize monitoring and management, including regional quality guidelines
 - Prepared **Policy Brief**
 - Conduct **Training Course on C&MWQM** for a selection of countries
- **Where:** WIO region
- **Partners:** **Coastal & Marine Water Quality Regional Task Force** under WIOSAP; National Marine and Coastal **Water Quality Researchers and Managers**



Key Achievements

- Informed by Situation Assessment, **Strategic Framework for C&MWQM for WIO region** adopted at COP11 (Aug 2024)
- **Guidelines to set Water and Sediment Quality Targets** in WIO region adopted at COP11 (Aug 2024)
- Prepared **Training Course Material** to support **National Implementation of C&MWQM**
- CSIR successfully completed training for **Madagascar, Kenya, Seychelles, South Africa, Tanzania & Zanzibar** (March 2024)
- Output: **Draft National C&MWQM Frameworks** for participating countries! (June 2024)



Key Lessons Learnt

- Critical to **actively engage and collaborate with national specialists** (researchers, managers, policy makers) in developing management tools early on to capitalize on place-based knowledge and to be able to address country-level challenges
- **Practical, 'learning-by-doing' training of dedicated national representatives active in C&MWQM** is key to initiating country-level implementation (*assisting with taking 'science-to-policy-to-practice'*)
- **Joint training sessions** (multi-countries) is a useful approach to **facilitate sharing of learning among WIO countries** (*'challenges and successes are seldom unique'*)



Project Sustainability

Coastal and Marine WQ Management (C&MWQM) **NOT a 'once-off' exercise**, future sustainability requires:

- Dedicated **regional institutional structure** to facilitate regional harmonization and coordination C&MWQM (i.e. **Regional Coastal & Marine WQ Task Force**), guided by **Regional C&MWQM Framework**
- Dedicated **national institutional structures** committed to country-level planning & implementation guided by a **National C&MWQM Framework, embedded in national policy and legislation**
- Dedicated (e.g. annual) regional **training & capacity development workshops** for continuous support, sharing and learning among countries, coordinated through **Nairobi Convention Secretariat in consultation with Regional Coastal and Marine WQ Task Force**



WESTERN INDIAN OCEAN

Situation Assessment
on Marine Pollution
and Coastal & Marine Water
Quality Management

January 2022



WESTERN INDIAN OCEAN

Strategic Framework
for Coastal & Marine
Water Quality Management

January 2022



WESTERN INDIAN OCEAN

Guidelines for Setting Water
and Sediment Quality Targets
for Coastal and Marine areas

January 2022

