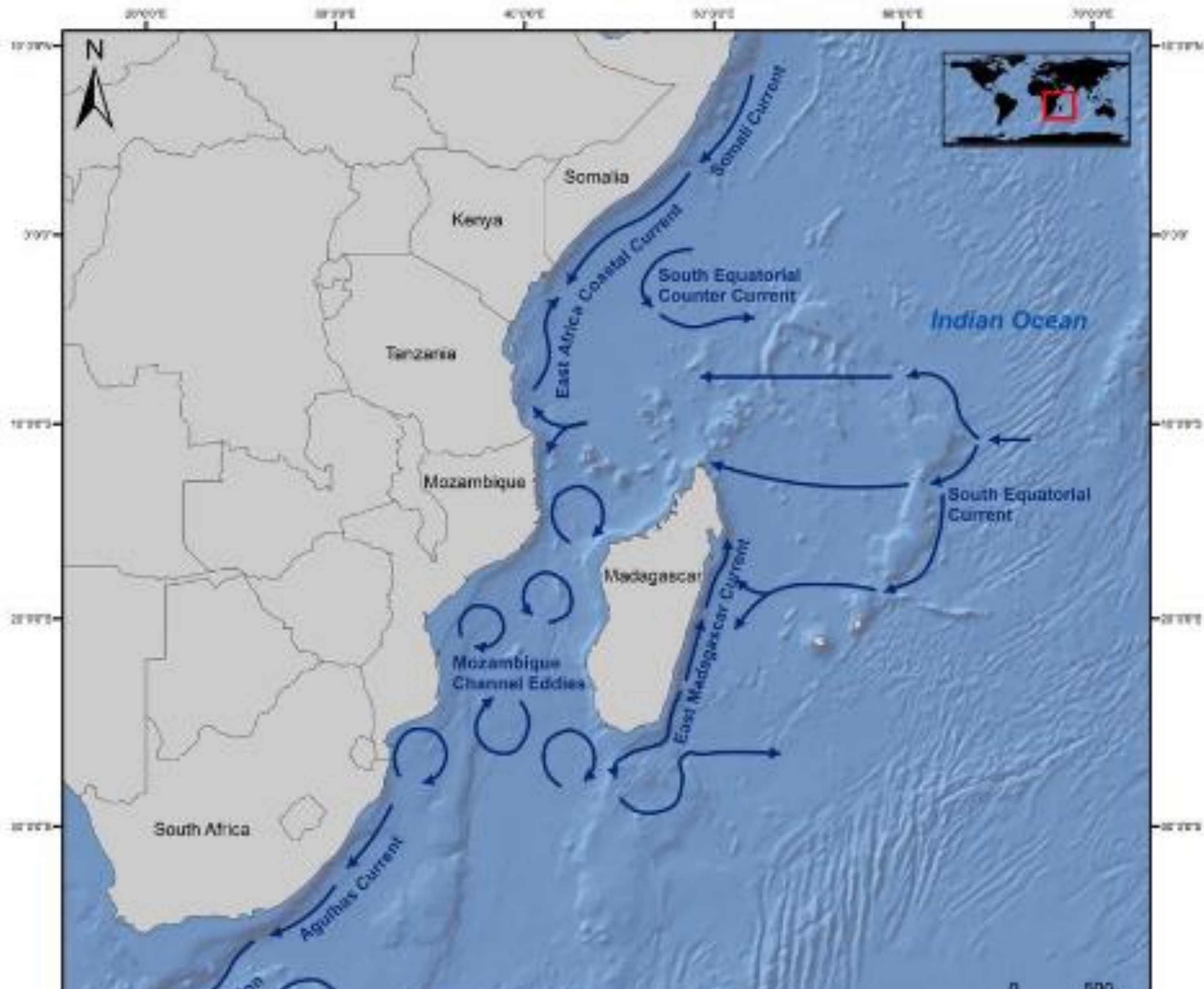




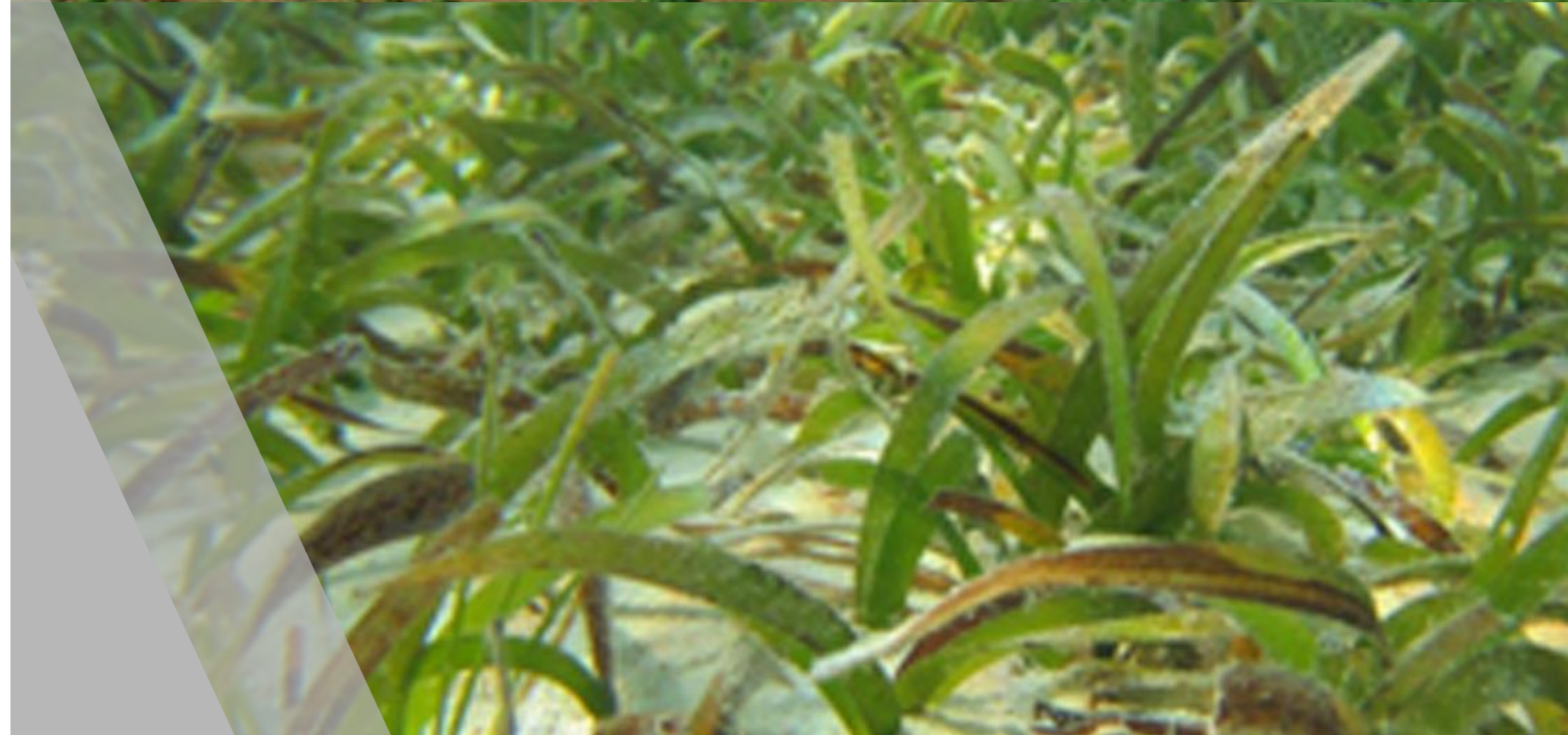
THE WIO COASTAL AND MARINE ENVIRONMENT – OVERVIEW OF KEY ISSUES AND LINKS TO FISHERIES MANAGEMENT

*SWIOFC Nairobi Convention Partnership Meeting on the
Fisheries Environment Nexus
26-28 September 2022, Mombasa, Kenya*

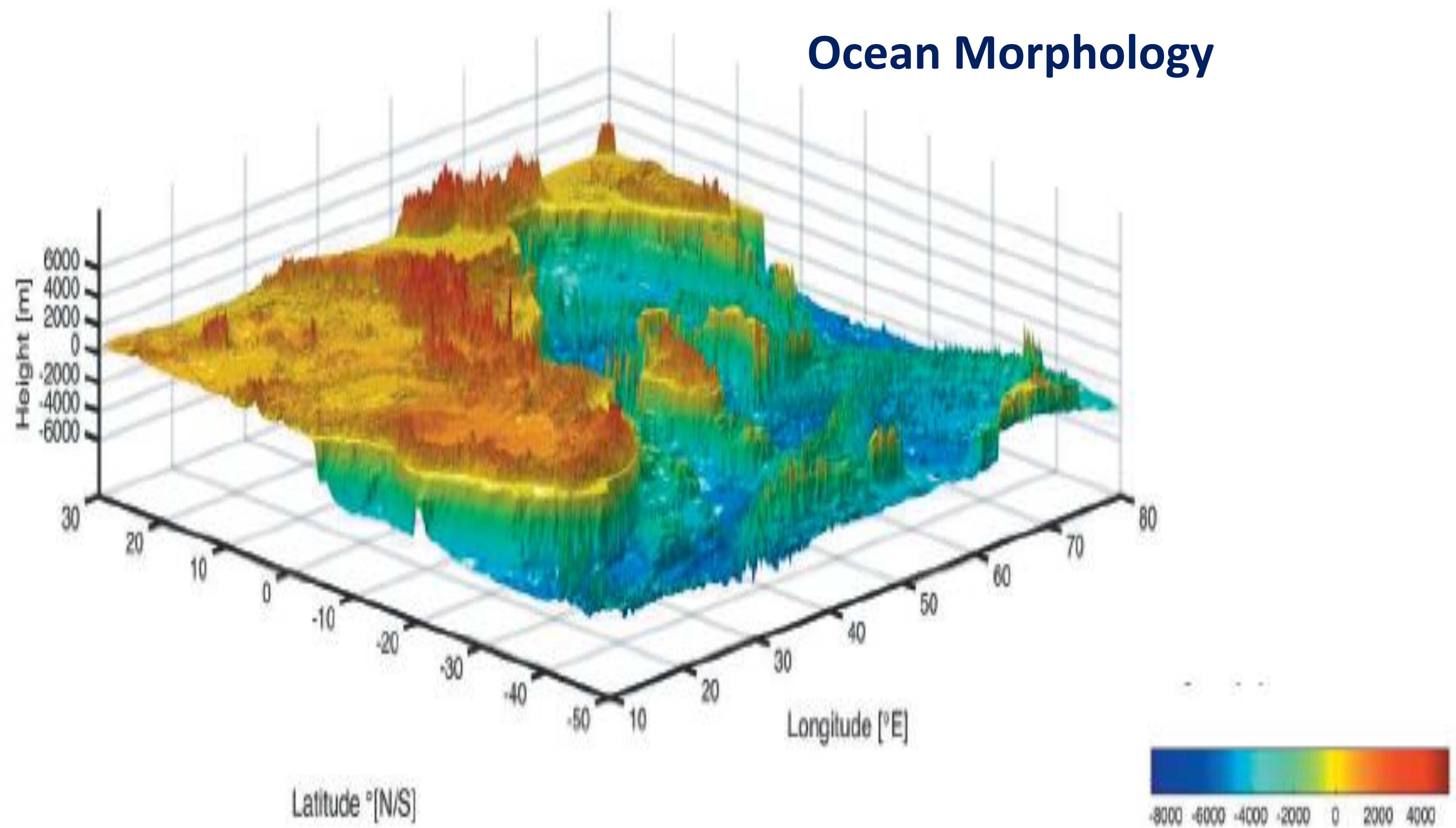
Jared Bosire
UNEP/Nairobi Convention



Major currents in the western Indian Ocean (adapted from Lutjeharms and Bornman, 2010)

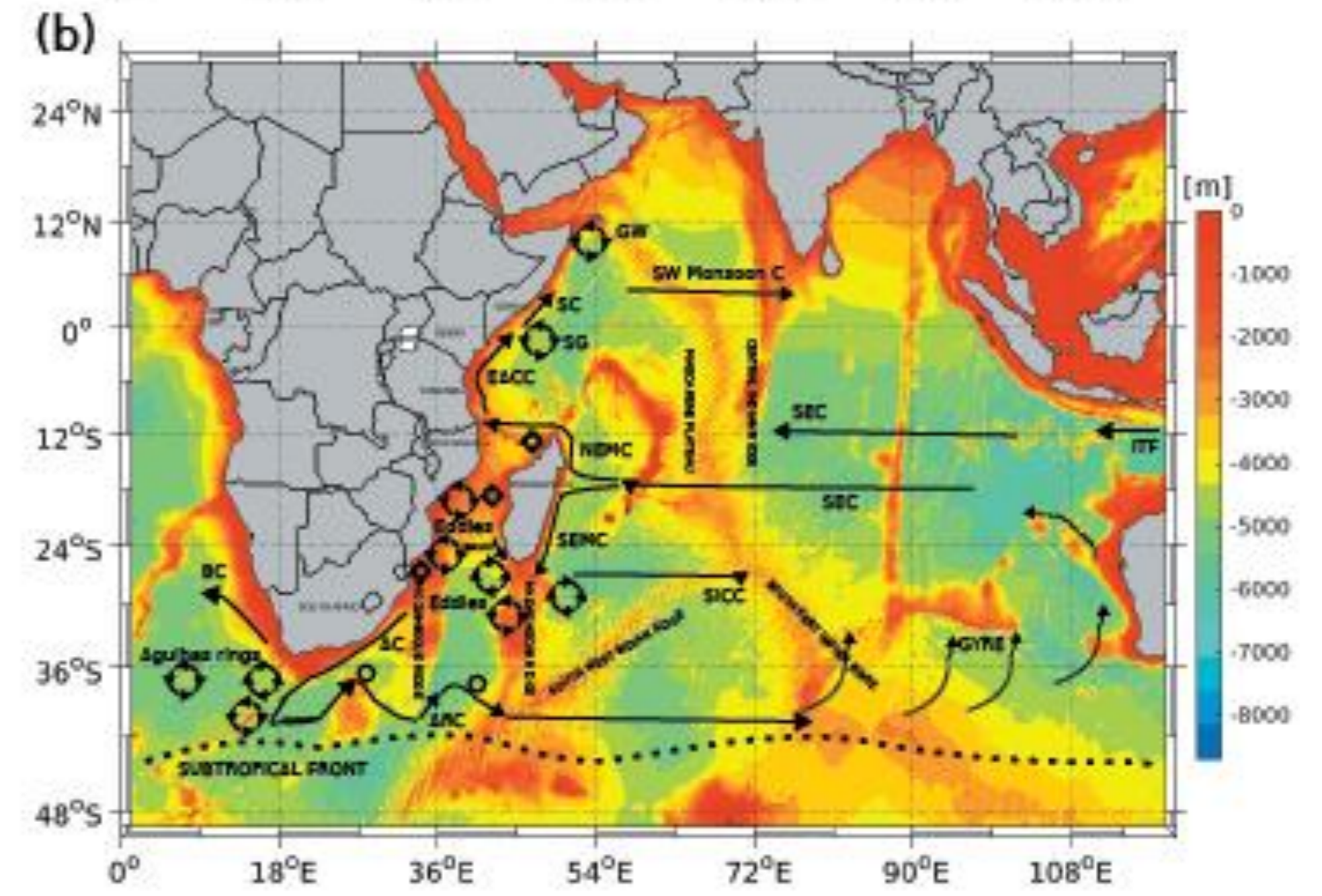
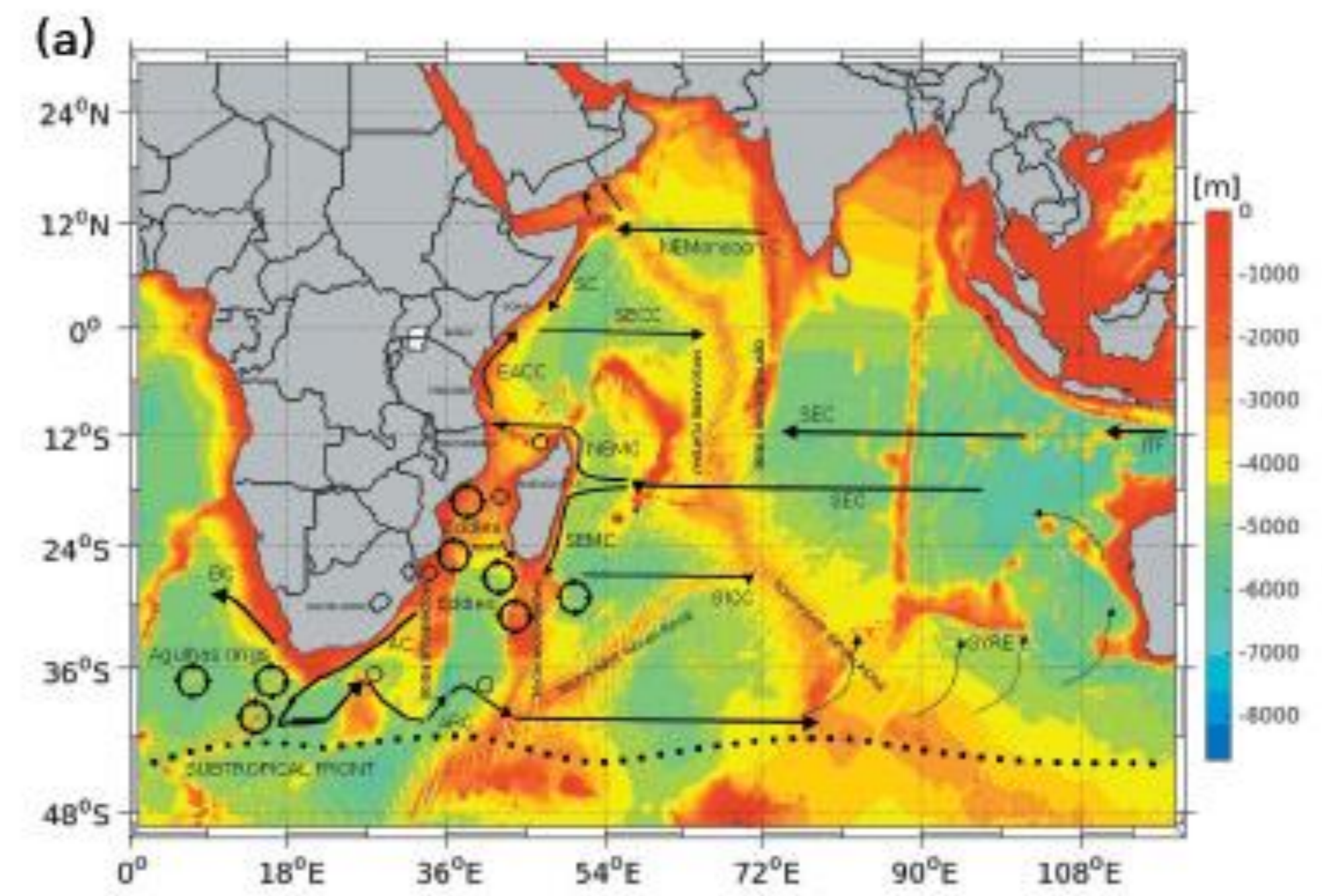


Ocean Morphology

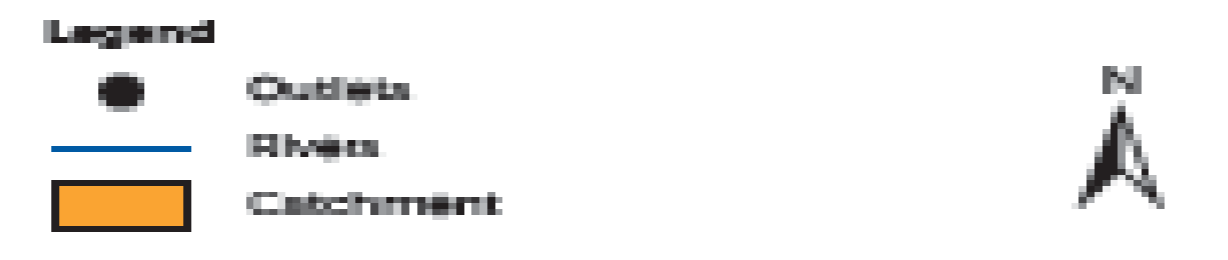
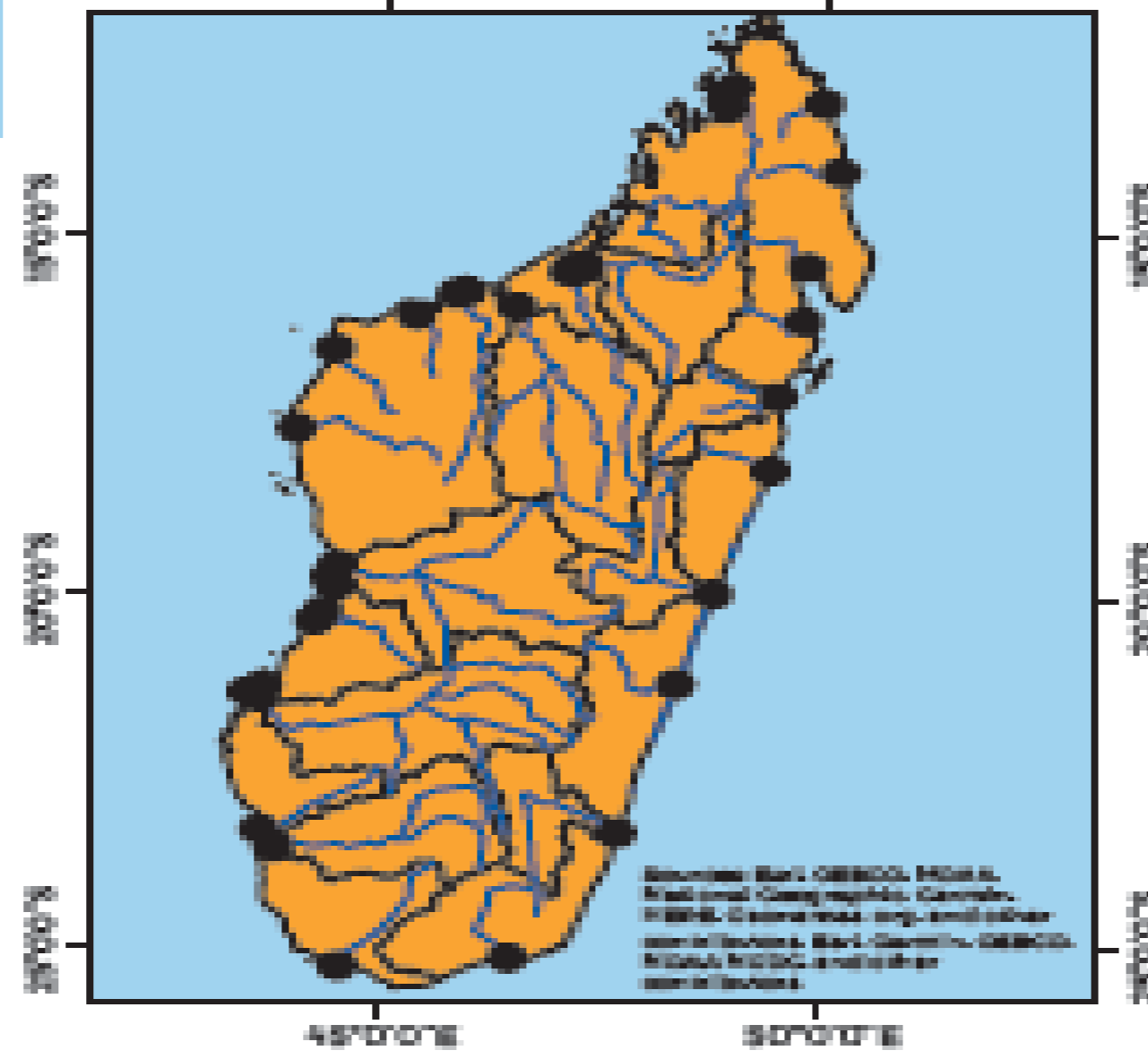
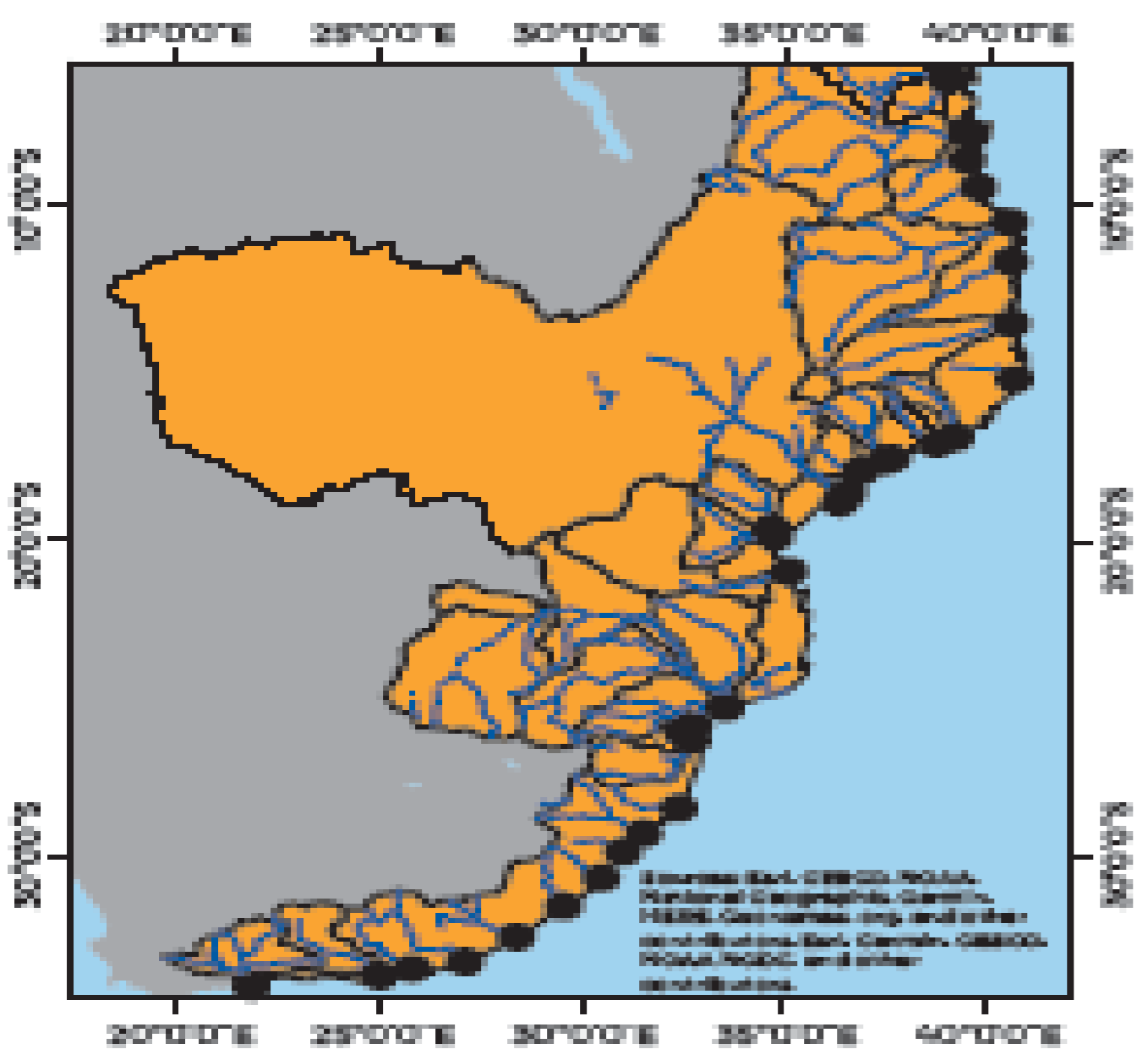
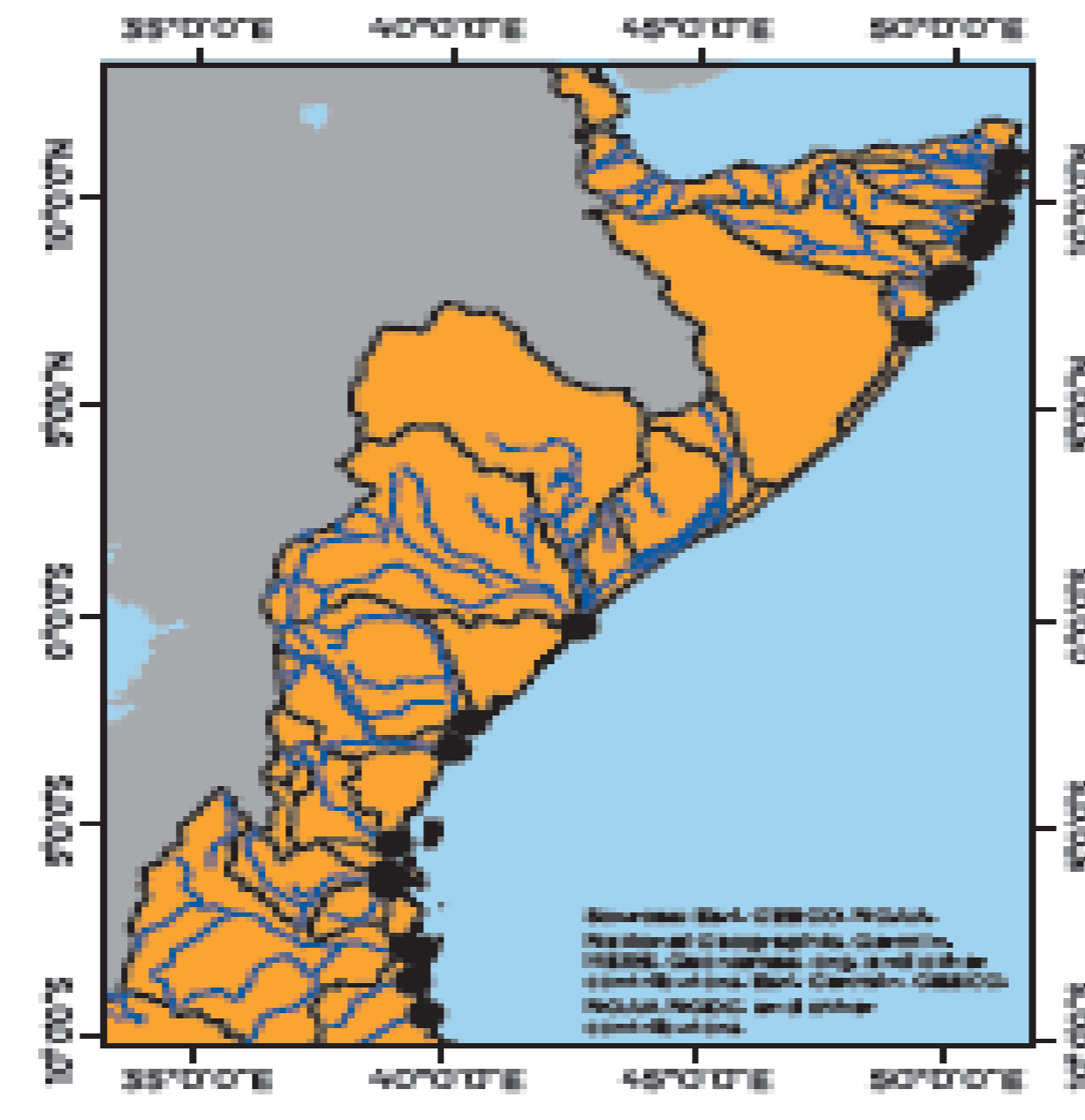
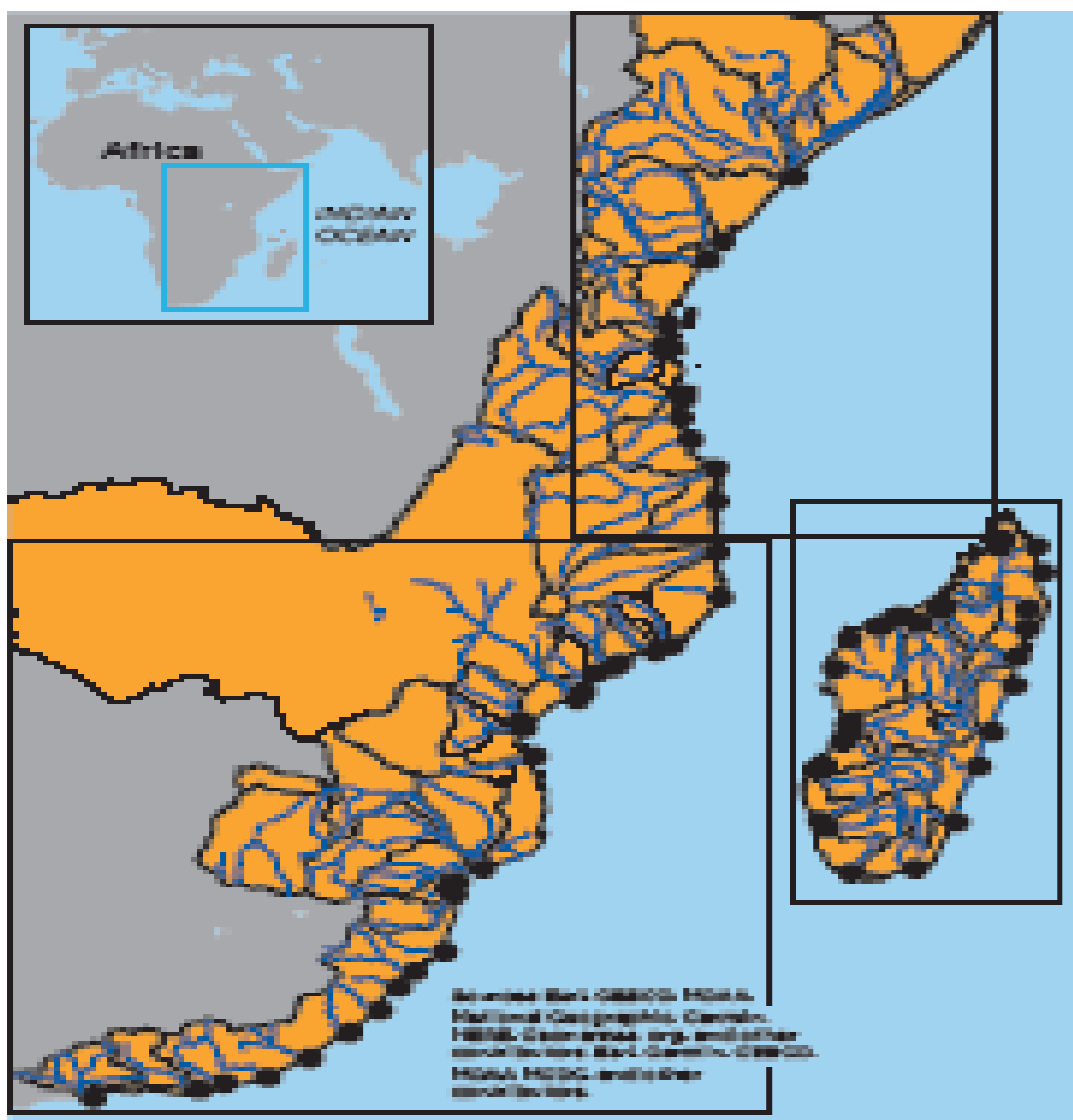


SE

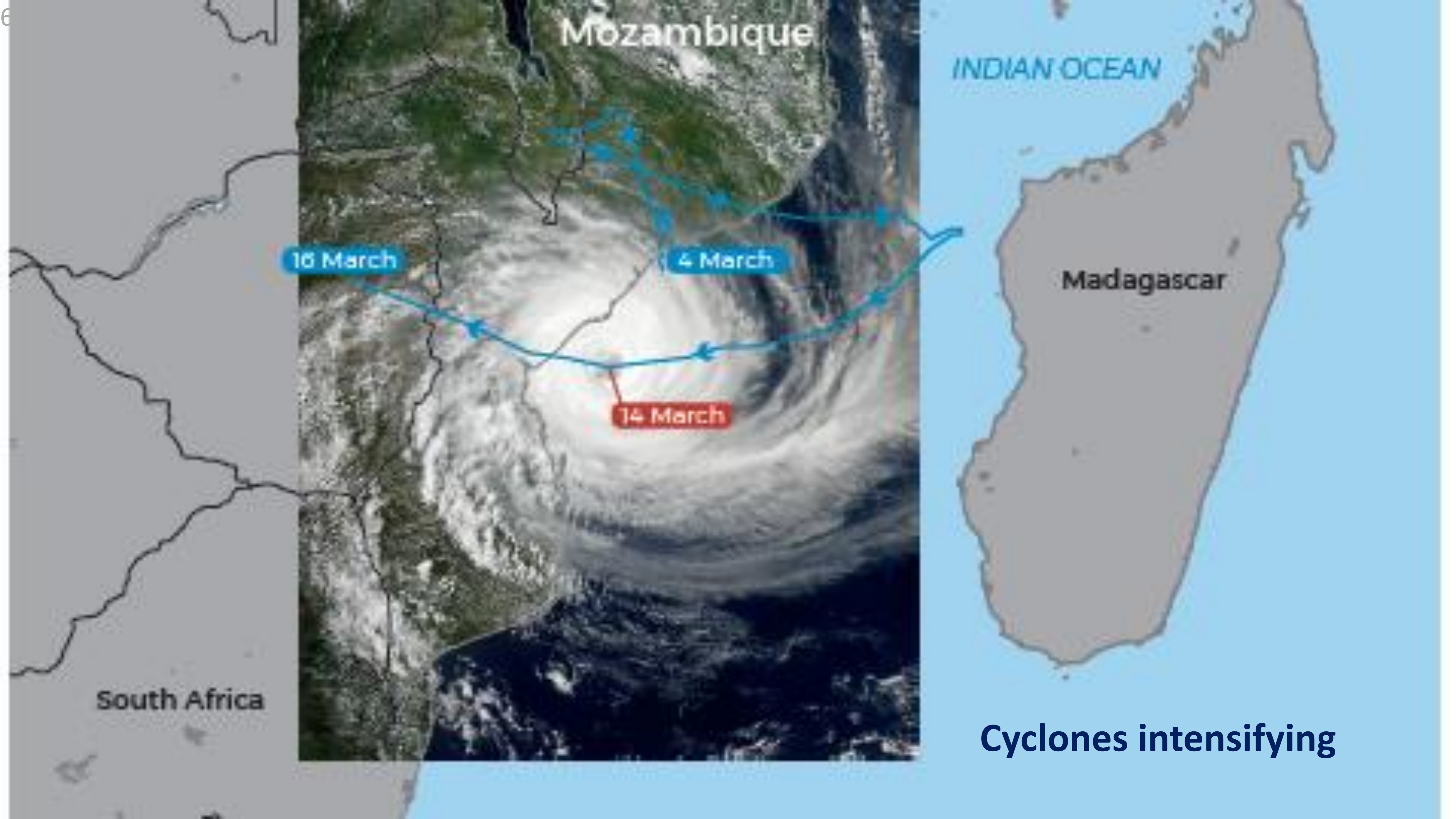
SE and NE Monsoonal Influence



NE



Distribution of 83 discharge points from all types of rivers in the continental WIO and Madagascar.



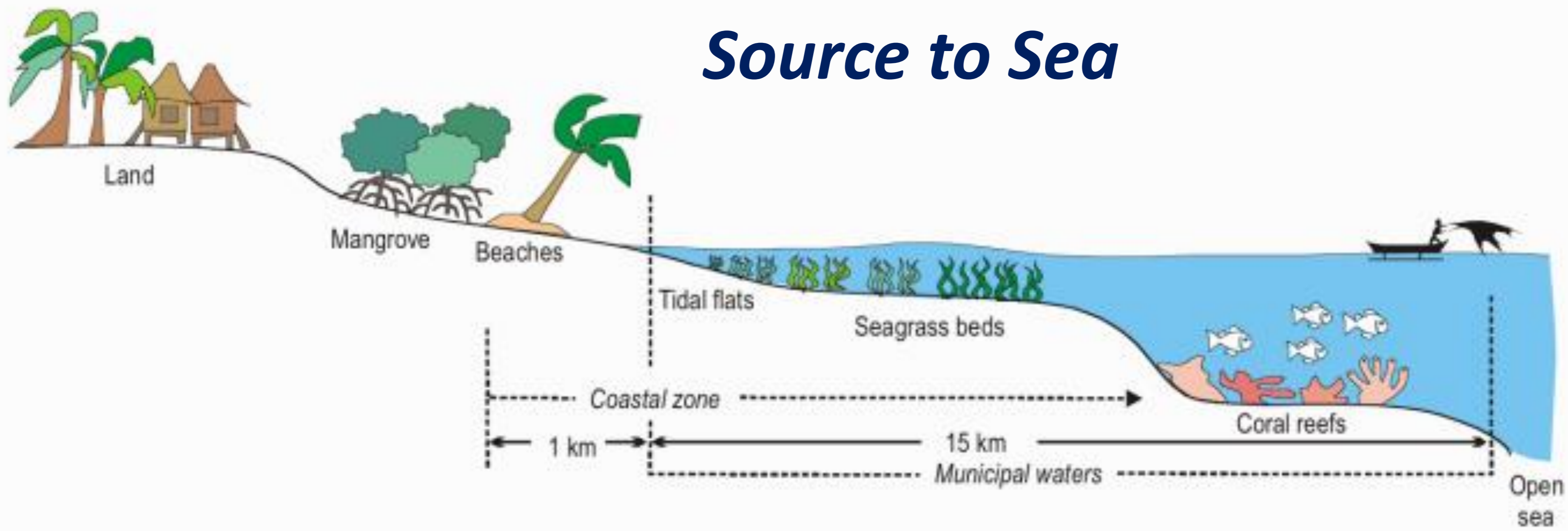




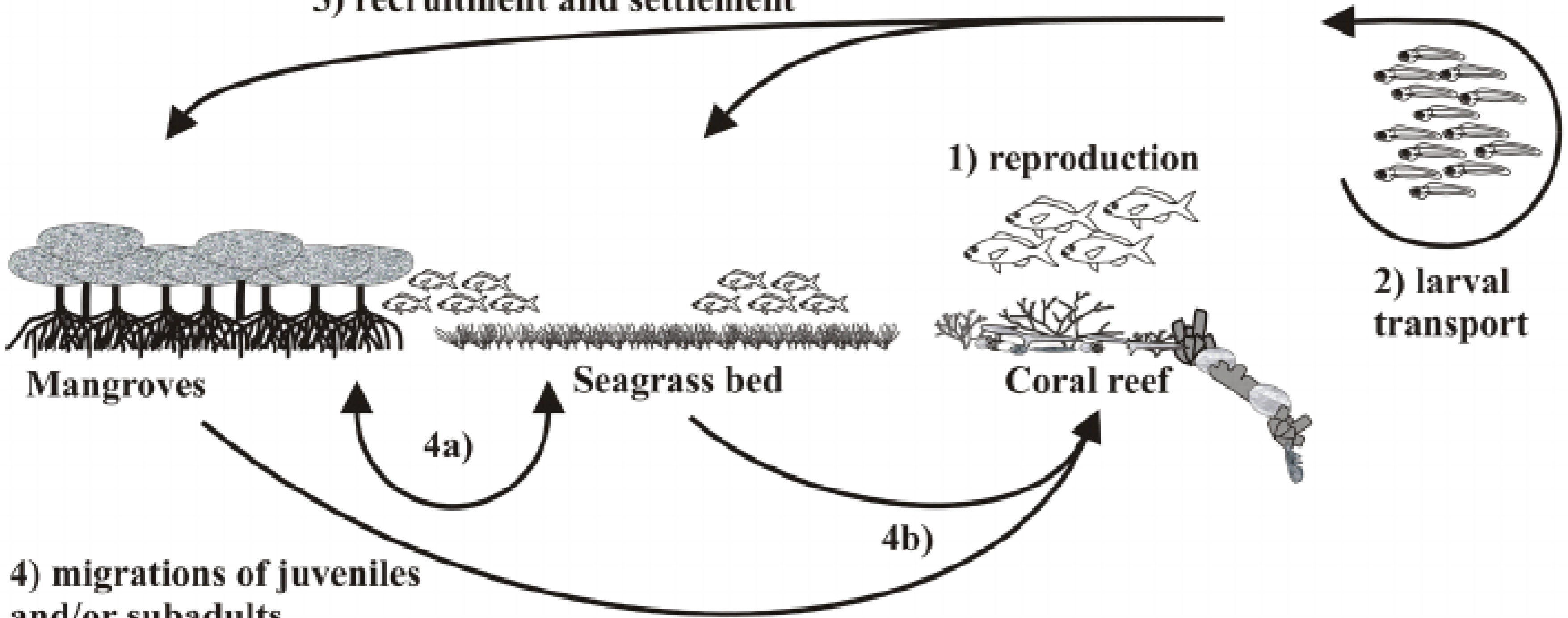


Coral Reefs and Fisheries

Source to Sea



3) recruitment and settlement



Connectivity between major ecosystems



Community livelihoods from coastal resources

Threats



Biodiversity and habitat loss



Illegal fishing



Overfishing



Pollution from land based sources



Climate change impacts



Inadequate governance



New opportunities



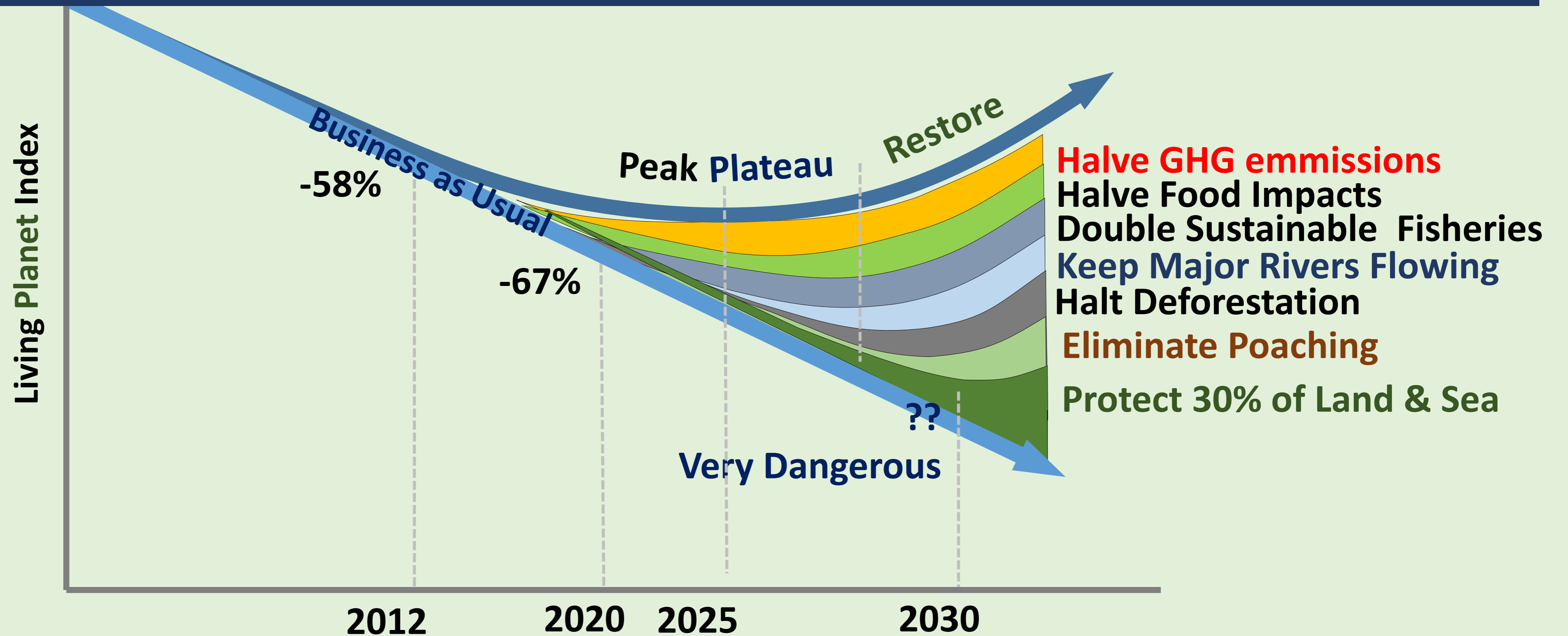
Infrastructure



Bending the Curve on Biodiversity Loss:

Peak, Plateau and Restore...

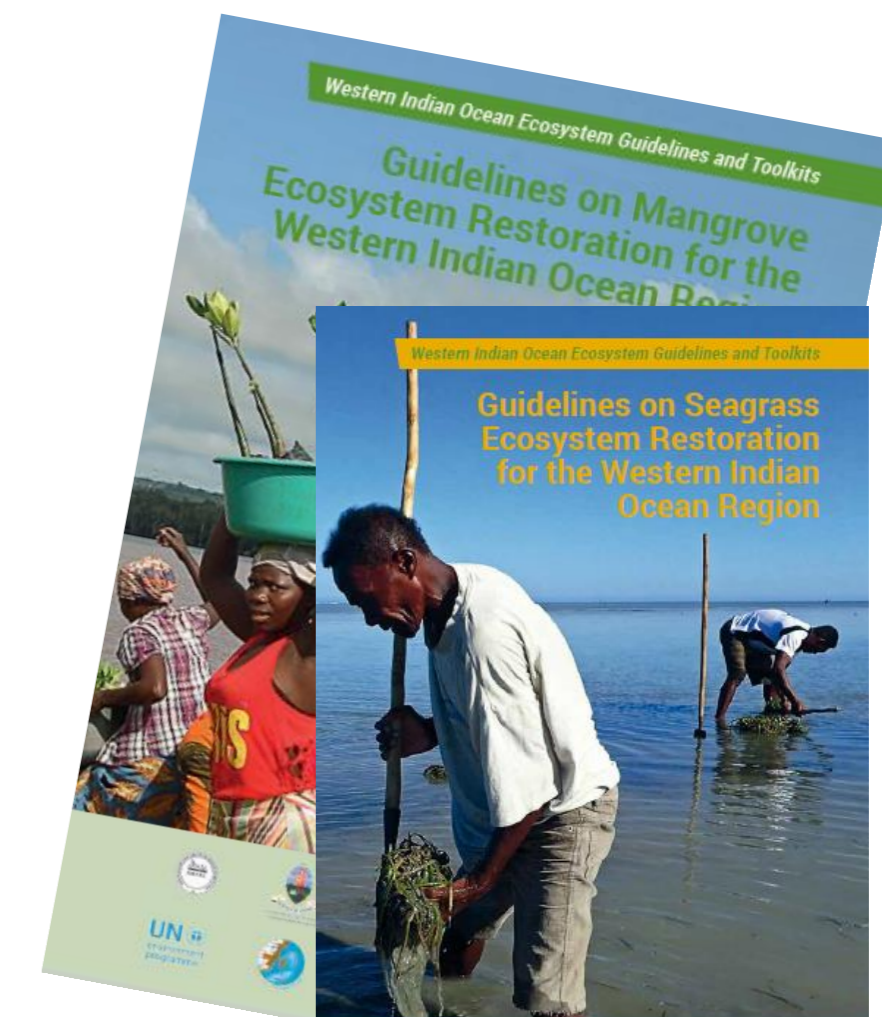
Are we working at a scale that matters??



Presenting Opportunities

1. Regional opportunities

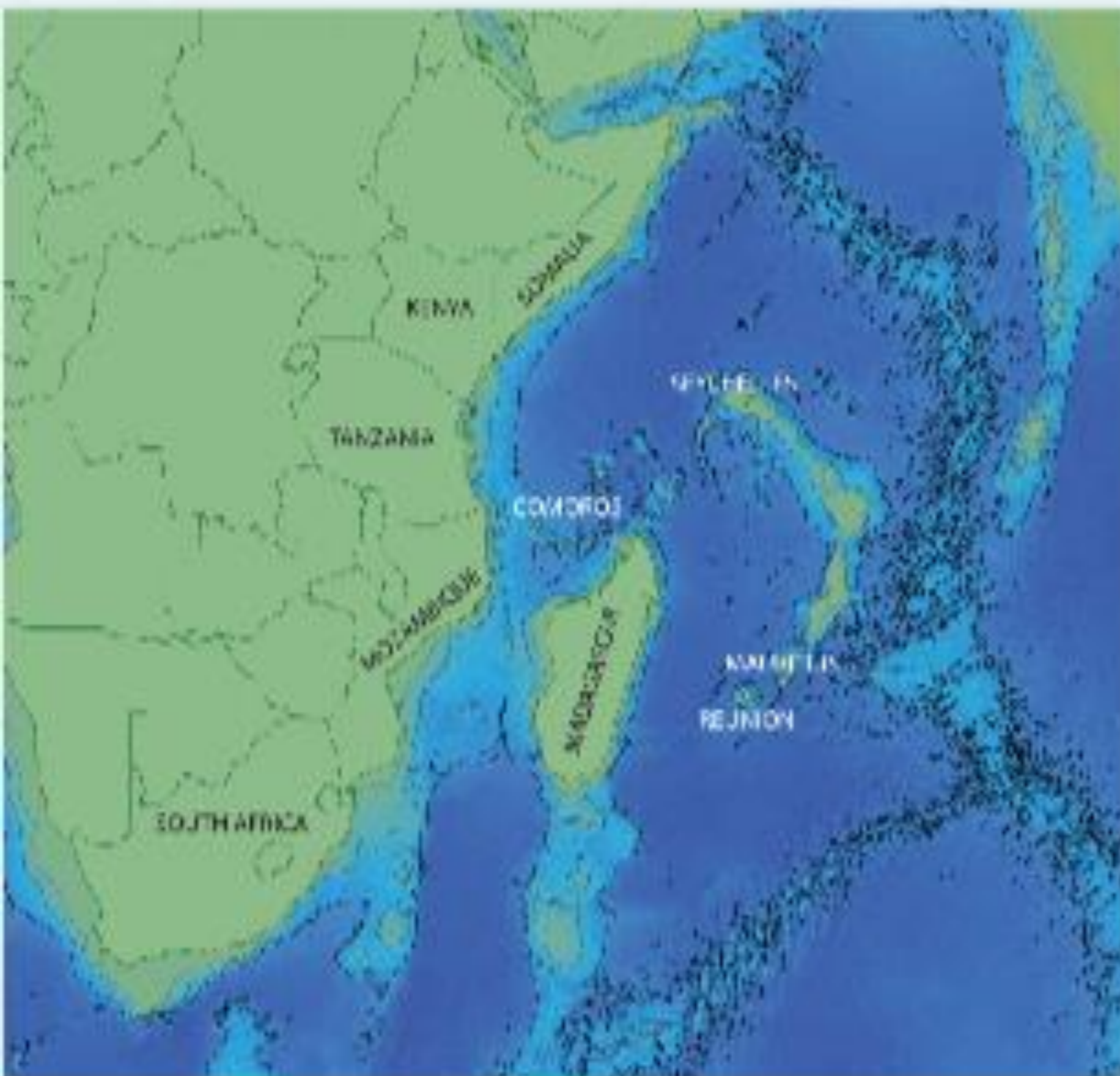
- Blue Economy
- MSP
- MPAs
- LLMAs
- Circular Economy
- Climate change
- Regional Guidelines





TRANSBOUNDARY DIAGNOSTIC ANALYSIS

of the Large Marine Ecosystems of the western Indian Ocean



A STRATEGIC ACTION PROGRAMME

For

Sustainable Management of the Western Indian Ocean Large Marine Ecosystems

Building a partnership to promote the sustainable management and shared governance of WIO ecosystems for present and future generations



Volume 1 - Baseline



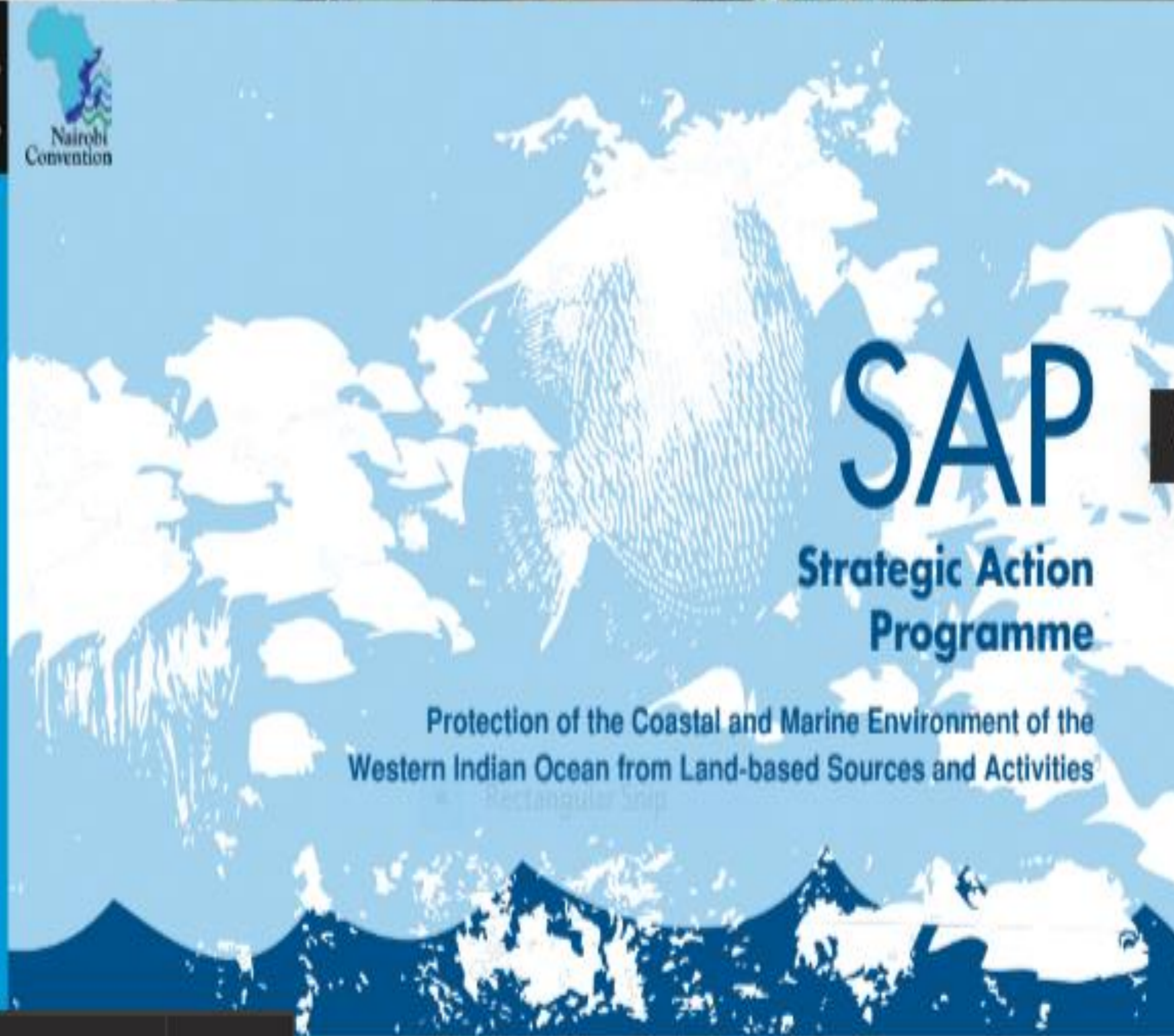
Policy harmonization and institutional reforms



TDA

Transboundary Diagnostic Analysis

Land-based activities and sources of pollution degrading the coastal and marine environment of the Western Indian Ocean



0010 16 4 0 510

Land based sources and activities

Presenting Opportunities

2. Global opportunities

- Agenda 2030/SDGs
- Decade of Ecosystem Restoration
- Decade of Ocean Science
- Paris 2015/NDCs and the Glasgow CC Compact
- UNEA 5.2 Resolution 14
- Post 2020 Global Biodiversity Framework
Targets

Blue Economy... (EAF and EBM)



uses smart shipping to lessen the impacts on the environment



is inclusive and improves the lives of all



harnesses renewable energy



is based on sustainable fisheries



takes action against illegal fishing



creates jobs, reduces poverty and ends hunger



conserves marine life and oceans



protects coastal communities from the impacts of climate change

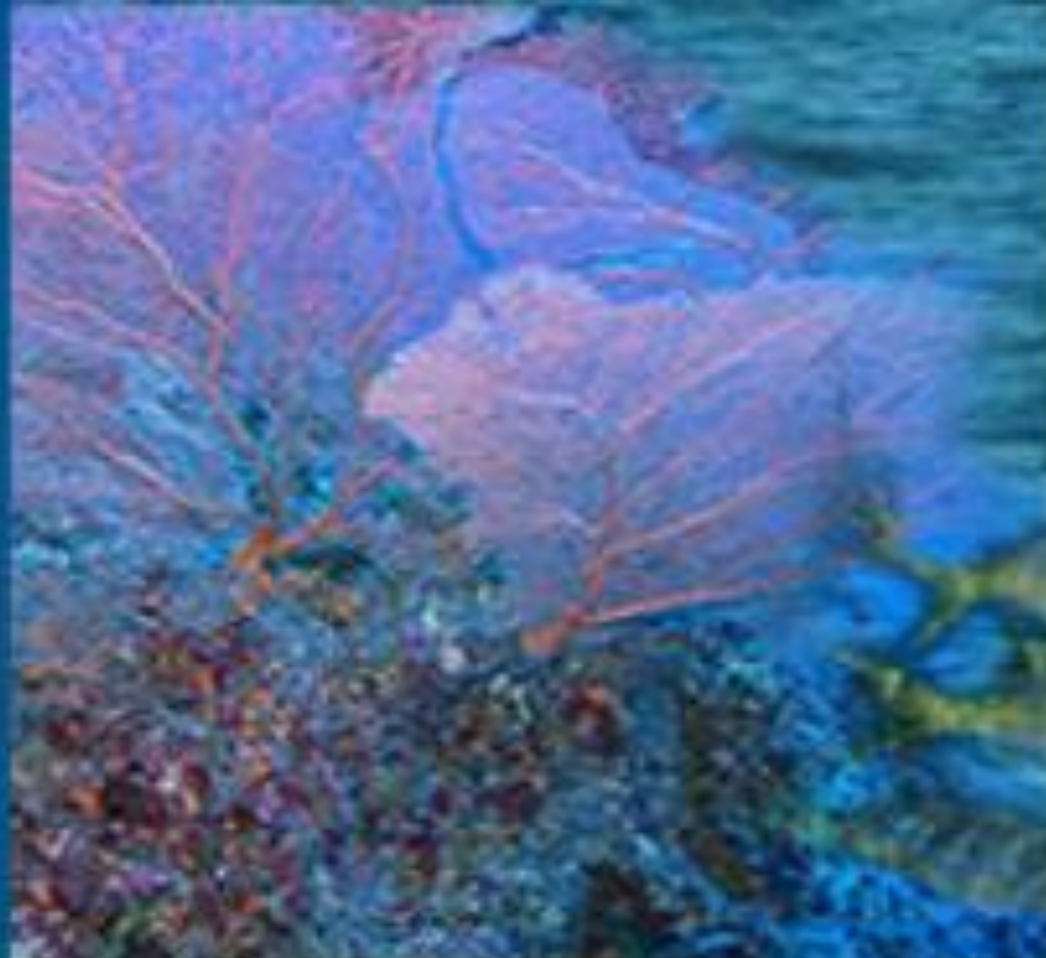


tackles marine litter and oceans pollution

15 LIFE ON LAND



16 PEACE, JUSTICE AND STRONG INSTITUTIONS



13 CLIMATE ACTION



14 LIFE BELOW WATER



17 PARTNERSHIPS FOR THE GOALS



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



3 GOOD HEALTH AND WELL-BEING



11 SUSTAINABLE CITIES AND COMMUNITIES





Thank you