

Sustainable Blue Economy

Western Indian Ocean

2023 Western Indian Ocean Science Policy Platform (WIO-SPP)

Arthur Tuda



THE WESTERN INDIAN OCEAN REGIONS:

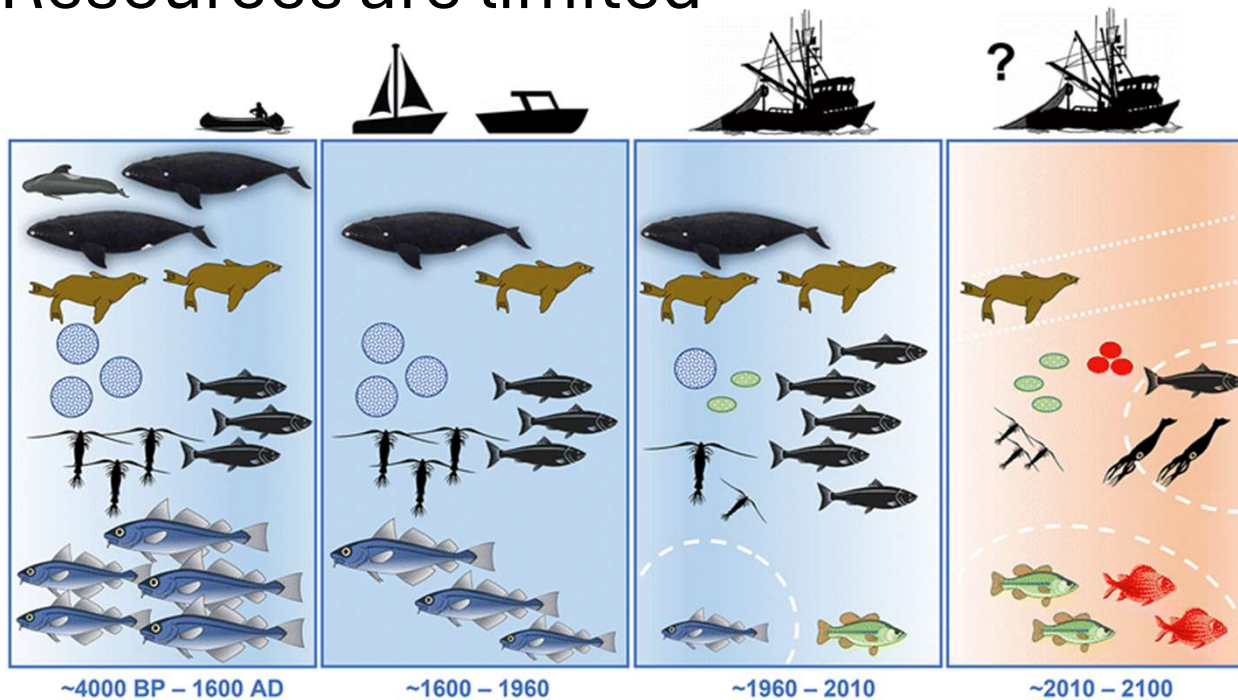


Somalia
Kenya
Tanzania
Mozambique
South Africa
Seychelles
Mauritius
Madagascar
Comoros
Réunion (France)

The aim of the Association is to advance regional co-operation in all aspects of coastal and marine sciences and management, and to support sustainable development in the Western Indian Ocean Region, while promoting interdisciplinary and multi disciplinary approaches.”



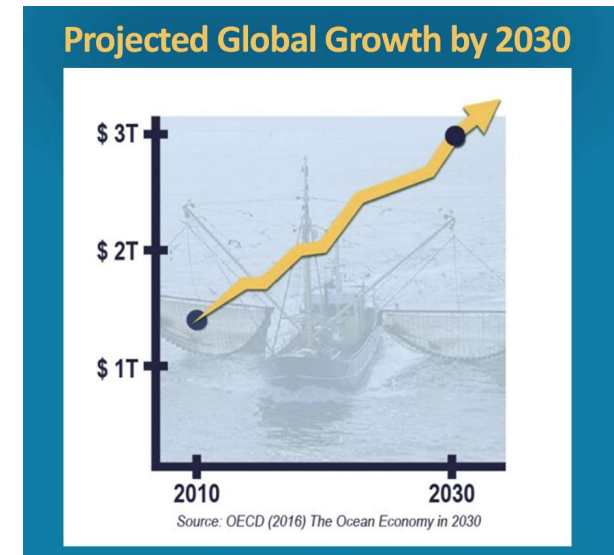
Resources are limited



The expansionary trajectory of BE is colliding with non-negotiable natural limits.

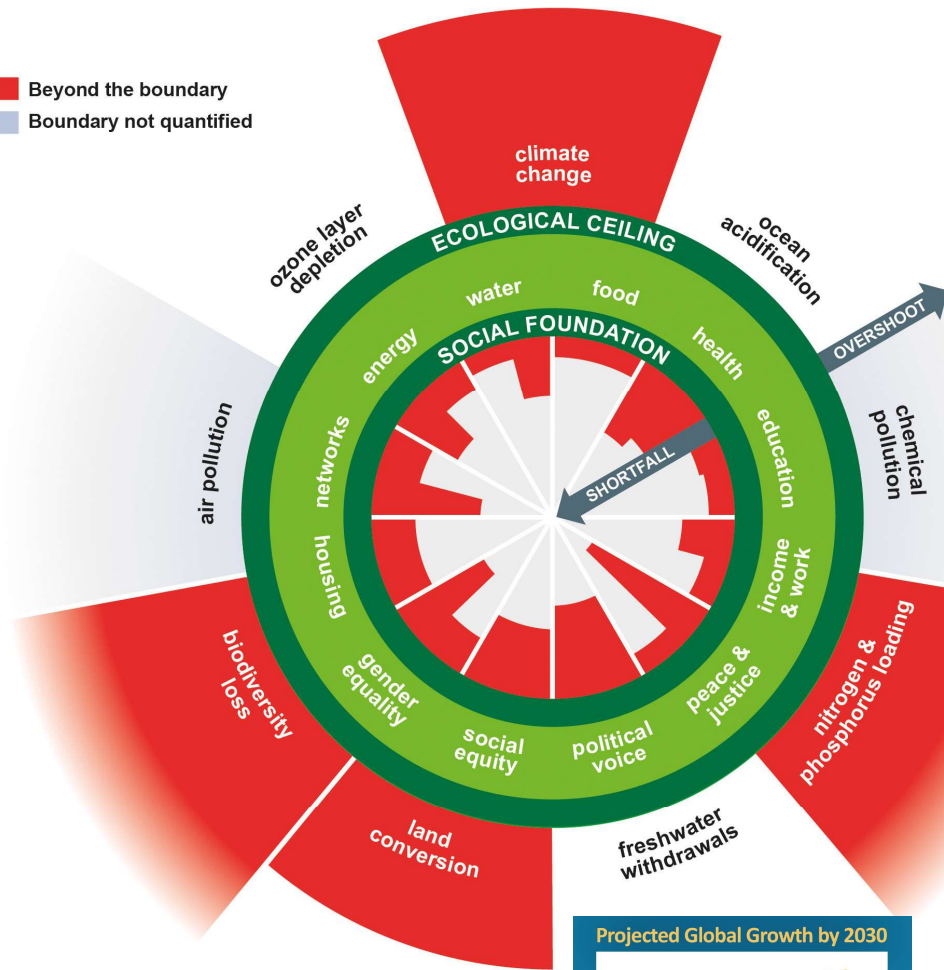
BE policies - pursue the now-unattainable prize of ever-expanding GDP

Lotze et al 2022



Natural capital depletion is a market failure

■ Beyond the boundary
■ Boundary not quantified



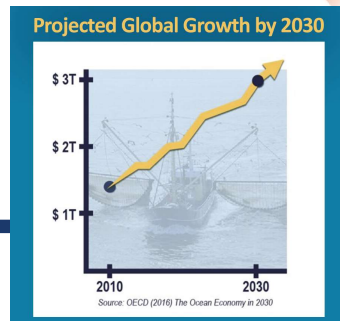
ongoing financial crisis – how did it occur?

Blue growth is being blocked by three factors:

- Resource depletion,
- Environmental impacts, and
- Crushing levels of debt.

These converging limits should force us to re-evaluate cherished economic theories and to reinvent money and commerce

An economy that thrives - set goals that promote human and environmental well-being



SCIENCE AND POLICY PROGRAMME – SCALABLE

SCALABLE PROGRAMME



New programme 2022-2026

The Sustainable Blue Future in the Western Indian Ocean – Institutional Strengthening through Science, Capacity and Assimilation for a Sustainable Blue Future (SCALABLE).

The programme aims to strengthen the WIO science-policy interface and increase the impact of the WIOMSA's MASMA programme to support the implementation of the Africa Blue Economy Strategy, with a focus on the WIO region.

SCIENCE AND POLICY PROGRAMME – SCALABLE

SCALABLE

*Resilient, Sustainable
and Productive Blue
Economy*

Better scientific and economic data to
understand activities and environmental costs
Digital mapping of maritime, coastal space,
natural assets and data-limited stock
assessments

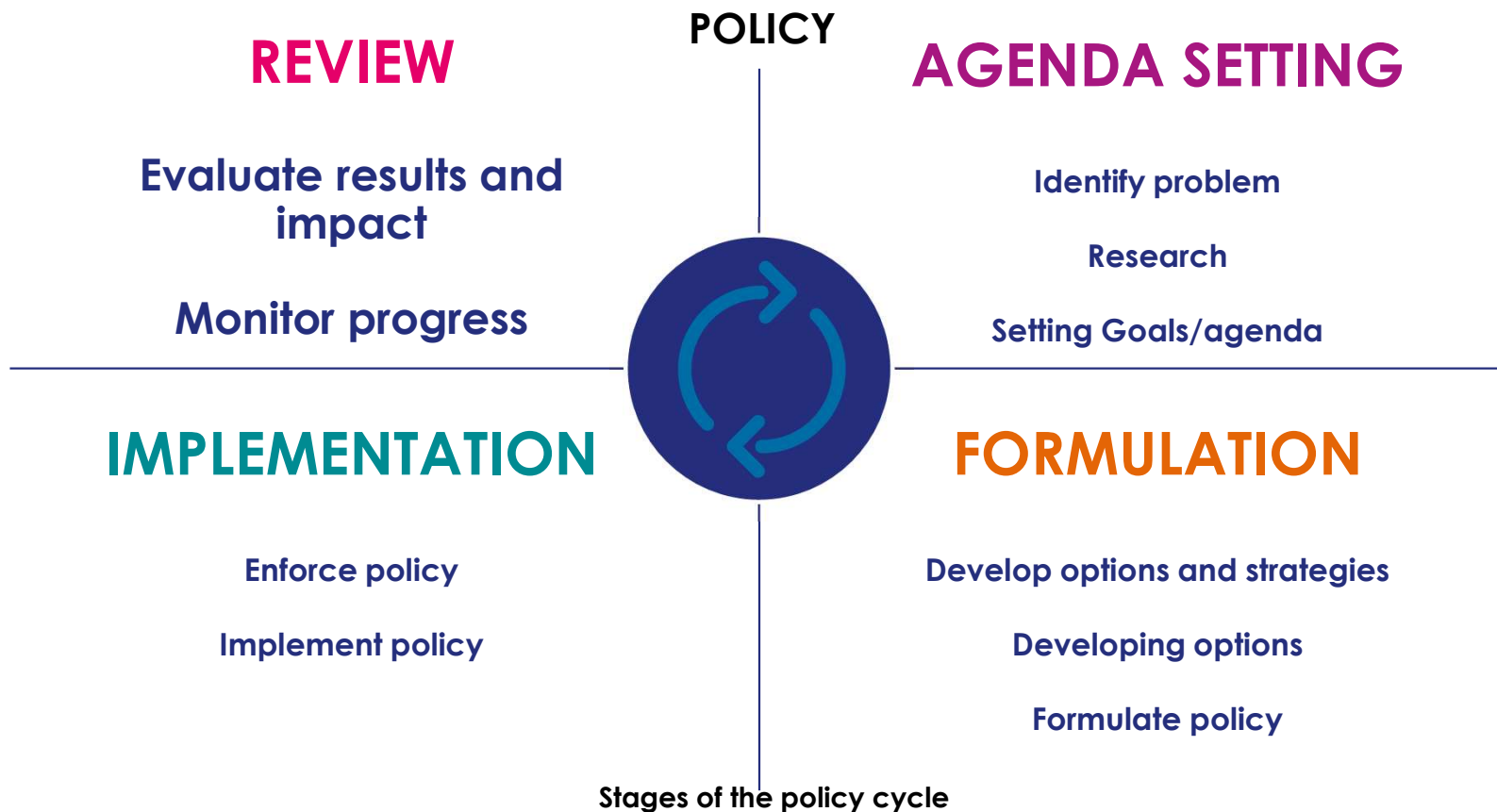


Improved fisheries
management
reduced biodiversity loss
reduce poverty



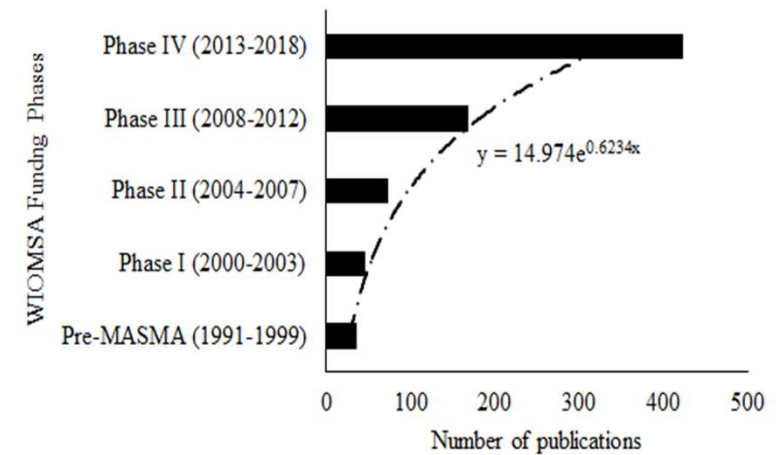
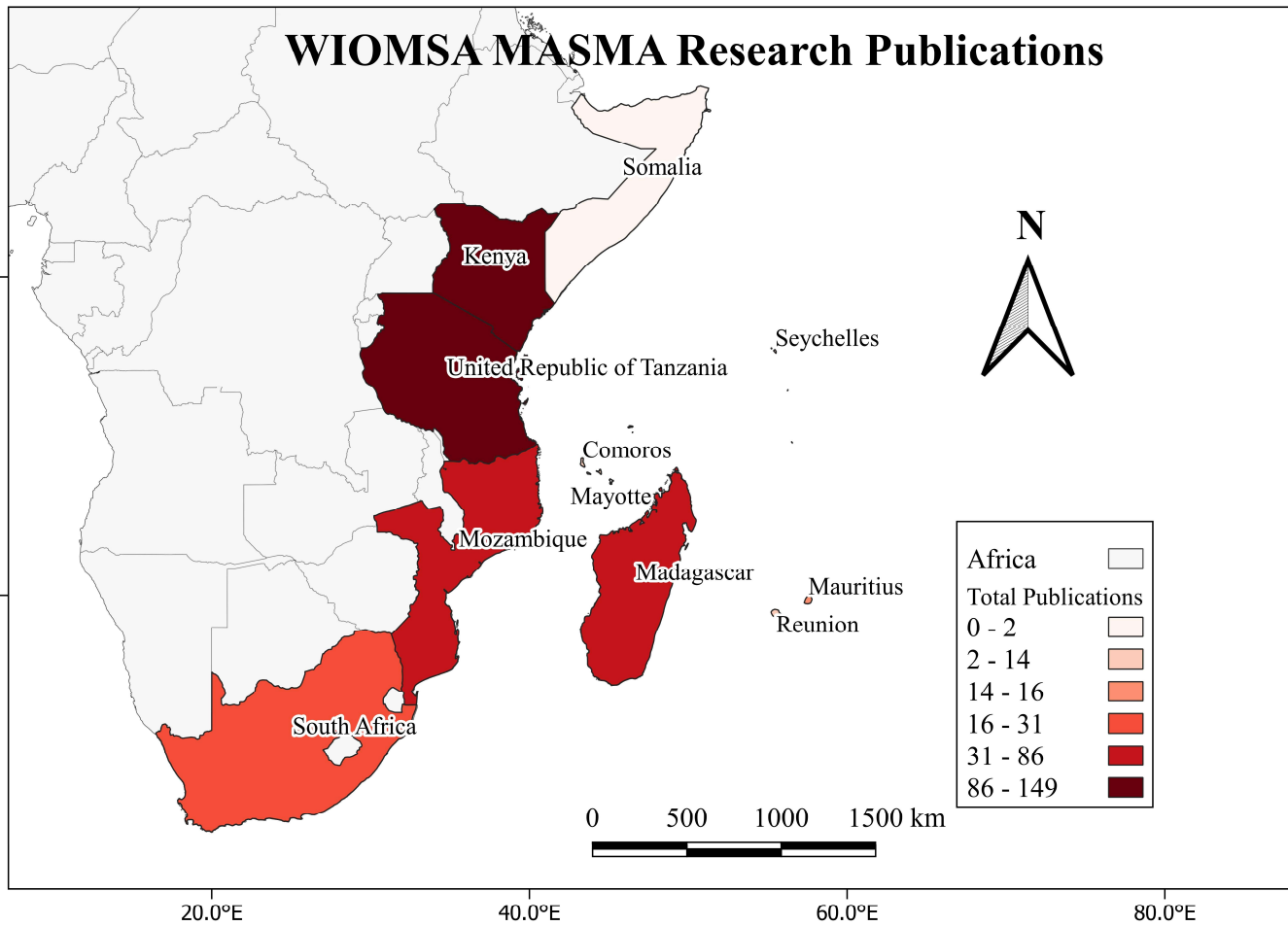
Focus – applied research, capacity and policy.

SCALABLE



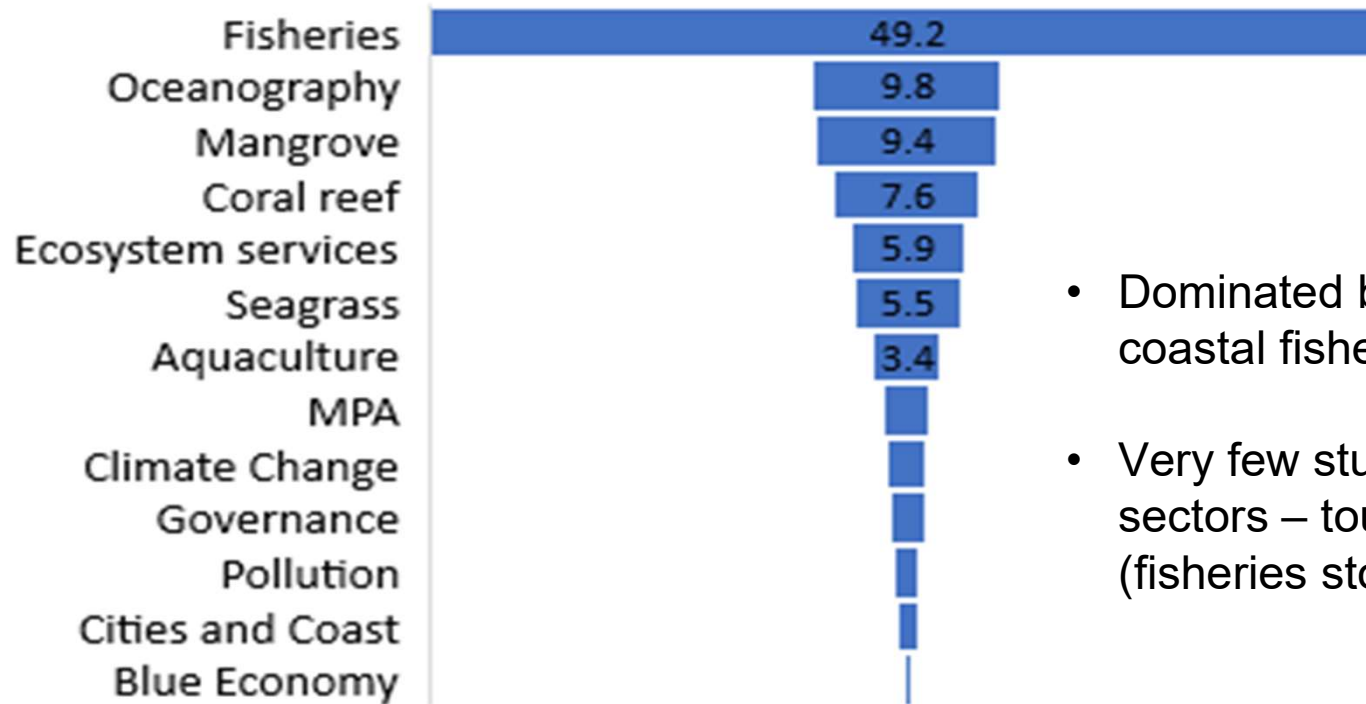
Agenda setting

Blue Knowledge & Policies



WIOMSA 2022, Unpublished data

Proportion (%) of scientific publications by themes



- Dominated by fisheries biology – mainly coastal fisheries
- Very few studies in key Blue Economy sectors – tourism, maritime studies, (fisheries stock assessments_

WIOMSA 2022, Unpublished data

- Supported Blue economy Lab for Zanzibar –27 – 29 October, 2023
- Lab organized by the Presidential Delivery Unit and Ministry of Fisheries explores:
 - How the 2162 sq km of MPAs could be linked to the tourism sector
 - Study on Small scale fisheries value chain
 - 41 participants from government. NGOs, Science organizations and local communities



Formulation

Supporting Kenya-Tanzania marine transboundary conservation



National Meeting on Developing country Roadmap toward Collaboration in the Kenya - Tanzania Trans-boundary marine conservation area (TBCA)



- Partnering with Nairobi Convention, AU-IBAR,
- Support 2 bilateral meetings between Kenya and Tanzania on the TBCA planning in August and Sept 2023
- Develop TBCA conservation plan
- Facilitated MoU drafting between Kenya Wildlife Service and Marine Parks and Reserve Unit of Tanzania in Nov 2023

IMPLEMENTATION

Milestones

1. Addressing IUU in Small Scale Fisheries in the WIO
2. MPA management effectiveness



Outputs

Regional report

Perceptions of IUU Fishing in the Small-Scale Fisheries of the Western Indian Ocean



Support site actions against IUU



27 Government representatives joined the IUU workshop

Implementation - Capacity development

NEW TRAINING PROGRAM IN ADAPTIVE MPA MANAGEMENT!



OPENING NOW!

The training will be combined with follow-up and support.

Check it out at: [WIOMPAN training](#).

The training is offered by SwAM Ocean in cooperation with WIOMSA and the Nairobi Convention.

WIO REGIONAL BENTHIC IMAGERY WORKSHOP



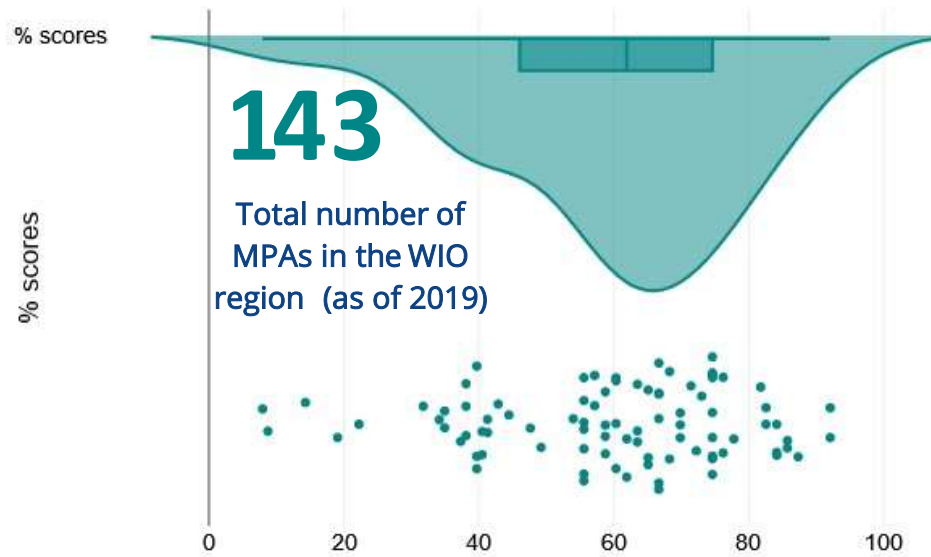
Photo: © Alain Diringer



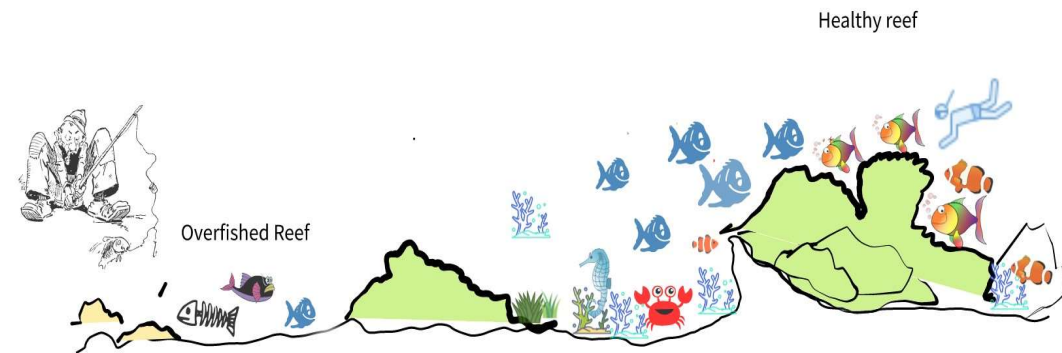
Swedish Agency
Marine and
Water Management



REVIEWING IMPACT OF POLICY



Performance of MPAs in the WIO



WIOMSA 2022, Unpublished data

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Thank you

