



## **Nyawira Muthiga (PhD)**

I have spent more than 30 years dedicated to the management and conservation of marine ecosystems in the Western Indian Ocean (WIO) through research, training and conservation.

I am currently the Director of the Wildlife Conservation Society's (WCS) Marine Program in Kenya coordinating a portfolio of work that includes research on marine protected areas and their effectiveness, sustainable small-scale fisheries, coral reefs and climate change as well as capacity building for community conservation areas across the WIO.

The following slides summarize the main areas of our research, conservation, training and outreach activities.

I am pleased to become a member of the SSC of IMBeR and look forwards to contributing in anyway I can.



# Research

- Long term changes and recovery in coral reefs
- Effective methods for local management of fisheries and coral reefs
- Coral reef that are refugia and vulnerable to climate change
- Biodiversity centers
- Wilderness and marine protected areas
- Sustainable fishing practices



# Conservation

- Promoting sustainable fishing practices
- Vulnerability mapping to identify areas for protection
- Identifying vulnerable species and their protection needs
- Promoting reef ecosystem services
- Identifying and promoting sustainable livelihoods



# Training and Outreach

- Training and mentoring conservation scientists and managers
- Promoting local and national level conservation and management of coral reefs
- Encourage appreciation of the intrinsic beauty and value of coral reefs
- Communicating conservation needs to a diversity of audiences
- Identifying and conducting transformational and high impact conservation science



# Acknowledgements-



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