The mission of the IndOOS is to provide sustained, high quality oceanographic and marine meteorological measurements that support decision-making and policy development.
Indian Ocean communities are becoming more vulnerable as climate change accelerates. To improve understanding and predictability we need:

- Biogeochemical data alongside physical parameters for better understanding of oxygen depletion, carbon budget, acidification, and ecosystem change.

- Observations that improve sub-seasonal forecasts by resolving mixed layer processes in the tropical Indian Ocean to better understand the Madden Julian Oscillation and Monsoon Intra-seasonal Oscillation.

- Expansion of the observing system into the western tropical Indian Ocean.

- Measurements of land motion at sites of the longest tide gauge records and more island sites.

- Expansion into key coastal regions to measure boundary current fluxes and upwelling systems.

- Expansion into the deep ocean to capture decadal water mass change and warming.

- New research ships, better coordination between ships, and leadership for GO-SHIP lines in the Arabian Sea and Bay of Bengal.

These goals require increased investment and partnerships among global and Indian Ocean rim countries, along with data sharing and best practices.

Full IndOOS-2 roadmap: doi.org/10.36071/clivar.rp.4.2019