

3. International Capacity-Building on Ocean Hazard Warning and Knowledge Exchange Programme for Republic of Maldives (NIRDPR) and UNCSSTEAP (NRSC) at INCOIS (DCC-IOR)

Date: 06 January 2026

INCOIS organized two institutional visits on 06 January 2026 involving international participants from the **Republic of Maldives through (NIRDPR)** and **UNCSSTEAP through (NRSC)**. The programme included structured interactions, technical presentations, and facility visits focused on operational ocean services, hazard warning systems, ocean observations, and digital ocean platforms.

The activity contributes to the following **UN Ocean Decade Challenges**:

- **Challenge 6: Increase community resilience to ocean hazards**
Exposure to tsunami early warning systems, storm surge advisories, and coastal hazard services supporting disaster risk reduction, particularly for island and coastal nations.
- **Challenge 7: Expand the global ocean observing system**
Engagement on ocean observation networks, real-time data acquisition, and integration contributing to regional and global observing frameworks.
- **Challenge 8: Create a digital representation of the ocean**
Demonstrations of ocean modelling systems, forecasting tools, and digital decision-support platforms.
- **Challenge 9: Skills, knowledge and technology for all**
Capacity building through international knowledge exchange, enhancing technical skills and institutional understanding among participating countries.
- **Challenge 5: Unlock ocean-based solutions to climate change**
Discussions on ocean climate interactions, sea level rise monitoring, and climate informed ocean services supporting adaptation strategies.

DCC-India Reporting

This activity supports India's contribution to the **UN Ocean Decade implementation** by strengthening **regional cooperation**, enhancing **capacity development**, and promoting **equitable access to ocean science, data, and digital tools**. The programme aligns with IOC-UNESCO priorities in ocean hazard resilience, observing systems, digital ocean development, and climate services, thereby reinforcing India's role as a regional hub for ocean science and services in the Indian Ocean region.



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