

Terms of Reference

ICG/IOTWMS Task Team on Scientific Tsunami Hazard Assessment of the Makran Subduction Zone



- 1.** Draft an agreement document for real-time exchange between Member States of seismic/sea-level/GNSS data in the Makran Subduction Zone (MSZ)
- 2.** Specify optimal number and configuration of seismic/sea-level/GNSS and other observing networks needed for real-time tsunami warning in the MSZ
- 3.** Investigate and report on the credible maximum earthquake magnitude in the Makran Subduction Zone and define a strategy to develop a unified hazard map
- 4.** Investigate and report on the seismicity of the Makran subduction zone as well as the potential impact of tsunamis in the Red Sea and Persian Gulf with a view to including those zones in the IOTWMS Area of Service if there is a threat
- 5.** Review and report on the status of research into modelling of secondary non-seismic effects tsunamis in Makran for potential use in the IOTWMS

Members of the Task Team will include representatives of the 3 TSPs (Australia, India, Indonesia), WG-NWIO Member States (India, Iran, Oman, Pakistan, United Arab Emirates, Yemen) and Observers from international institutions involved in research of MSZ (GFZ, GTM, UNESCAP, etc.)