



Photo: IOC-UNESCO

ESCAP TRUST FUND

FOR TSUNAMI,
DISASTER AND
CLIMATE
PREPAREDNESS

ASSESSMENT AND AWARENESS OF MAKRAN TSUNAMI HAZARDS



Beneficiary
Countries

Islamic Republic of
Iran, Pakistan

Implementing
Partners

Intergovernmental
Oceanographic
Commission (IOC) -
UNESCO

Budget (US\$)
\$210,000

Duration
Sep. 2009 to
Aug. 2011

Related SDGs



PROJECT CONTEXT

Since the devastating Indian Ocean Tsunami of 2004, significant work on tsunami risk assessment, including palaeo-tsunami research, has been conducted in many countries. Nevertheless, the Makran subduction zone, which runs parallel to the Southern coast of the Islamic Republic of Iran and Pakistan, has been widely neglected. Only one major event, the Makran Tsunami in 1945, has been documented so far, but information is sparse. Despite the long return period of such an event, the rapid population growth in the coastal areas in the recent decades increase the need for a more detailed analysis of potential tsunami risks.

PROJECT OBJECTIVE

The project aimed to assess the tsunami hazard in the Makran region and to raise awareness among populations exposed to the potential tsunami risk in the Islamic Republic of Iran and Pakistan. In addition, this project aimed to build capacity for palaeo-tsunami studies in the Makran region.

KEY OUTCOMES

Four workshops were carried out and successfully brought together key agencies involved in tsunami warning.

- Scientists from the Islamic Republic of Iran and Pakistan were trained in palaeo-tsunami field techniques. Furthermore, during the workshop eyewitness accounts were collected.
- The Preparedness and Awareness workshop in Iran (Islamic Republic of) has increased the awareness of the Makran tsunami hazard among stakeholders from key national and local institutions.
- Through the field workshop on assessment and awareness held in Hormozgan, Iran (Islamic Republic of), public awareness of tsunami risk was increased among coastal communities.
- A network of experts from Pakistan, India, Oman, and Iran (Islamic Republic of) was established. It is supported by a network of tsunami experts from Thailand, Indonesia, Sri Lanka, USA, and Chile.

