The project aimed to improve multi-hazards coastal resilience, and policy and institutional arrangements at national, district, and community levels.

SYNERGISED STANDARD OPERATING PROCEDURES FOR COASTAL MULTI-HAZARD EARLY WARNING SYSTEMS

PROJECT CONTEXT

After the destructive Indian Ocean tsunami in 2004, many countries have improved their tsunami early warning (EW) systems. In this context, standard operating procedures (SOPs) for tsunami EW have been developed. Because of a lack of understanding of the characteristics, similarities, and differences among diverse coastal hazards, synergies between the SOPs for other coastal hazards such as storm surges, high tides, and floods were missing. Thus, EW systems were not operational for the use in a multi-hazard context. Therefore, it was necessary to develop integrated, effective SOPs to simultaneously address multiple hazards.

PROJECT OBJECTIVE

The project aimed to improve multi-hazards coastal resilience, and policy and institutional arrangements at national, district, and community levels.

KEY OUTCOMES

- A manual and its quick reference guide on SSOPs for coastal multi-hazards EWS was developed and published. The manual was designed to provide flexible approaches, operational guidance, and recommendations to prepare SSOPs for coastal multi-hazard EWS. It includes key concepts, basic principles, and basic standards for SSOPs. It also provides useful information, examples, and references particularly focused on the role of National Meteorological and Hydrological Services (NMHSs) in preparing and implementing effective SSOPs.

- Regular communication and cooperation mechanism between the Typhoon Committee (TC) and the Panel on Tropical Cyclones (PTC) have been established, e.g. through pilot projects, workshop, and trainings. These joint activities support the exchange and technical transfer of information between TC and PTC.

Beneficiary Countries
Bangladesh, Cambodia, India, Lao PDR, Malaysia, Maldives, Myanmar, Pakistan, Philippines, Sri Lanka, Thailand, Viet Nam

Implementing Partners
ESCAP/WMO Typhoon Committee

Budget (US$)
$460,000

Duration

Related SDGs
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For further information, please visit:
http://www.typhooncommittee.org/ssop-project/