

	Organization	Project Title	Budget (US\$)
TTF-04	Intergovernmental Oceanographic Commission of UNESCO	Strengthening tsunami warning and emergency responses: training workshops on the development of standard operating procedures for Indian Ocean and Southeast Asian countries.	444,730
Target Countries	Indian Ocean and Southeast Asian countries		
Summary	<p>The project was carried out to improve Standard Operating Procedures (SOPs) for tsunami warning and emergency response in 20 Indian Ocean and Southeast Asian countries. To this end, 12 workshops were organized (2 at regional and 10 at country level). By strengthening SOPs, the project played a role in supporting the establishment of the Indian Ocean Tsunami Warning System.</p> <p>Regional SOP training was provided to relevant stakeholders including NTWCs (national tsunami warning centers) and NDMO (national disaster management organizations) at the beginning of the project. Subsequent, in depth country assistance was provided to Vietnam, Myanmar, Pakistan and the Philippines. Sub-Regional SOP training workshops were also organized for NTWCs in states bordering the South China Sea.</p> <p>The importance of robust communication and coordination among key agencies and stakeholders was stressed throughout the entire project. Participants' understanding of SOPs was tested through exercises at the end of each session.</p>		
Final results	<p>The workshops served to integrate SOPs for effective end-to-end warning response and to emphasize the importance of robust communication networks.</p> <p>Main results achieved:</p> <ol style="list-style-type: none"> 1. SOPs for tsunami warning and emergency response were developed and improved in the four target countries (Myanmar, Pakistan, the Philippines and Viet Nam). 2. Evaluation process carried out to test and ensure the workability of SOPs 3. Cooperation between NTWCs and NDMOs improved and fostered at both regional and sub regional level. <p>Moreover, comprehensive workshop material was developed including:</p> <ul style="list-style-type: none"> • A regional set of generic SOPs for countries bordering the South China Sea, which can be adapted at the national level; • A structured set of guidelines for developing and maintaining SOPs; • A draft Manual on SOPs for Tsunami Warning and Emergency Response • Country-specific documents. 		
Date of completion	31 March 2011		

