

## Summary and Final Report

	<b>Organization</b>	<b>Project Title</b>	<b>Budget (US\$)</b>
<b>TTF-07</b>	Asian Disaster Preparedness Center (ADPC)	End-to-end Early Warning of Tsunamis and Other Natural Hazards for Disaster Preparedness and Mitigation in the Indian Ocean and Southeast Asia: Phase II	1,211,766
<b>Target countries</b>	Bangladesh, Cambodia, Lao PDR, Maldives, Myanmar, Philippines, Sri Lanka, Thailand, and Vietnam (March 2008 - December 2010)		
<b>Summary</b>	<p>The project aims to establish a network of seismic stations and a regional early warning center at the campus of the Asian Institute of Technology (AIT), with capacities to receive continuously, process, and analyze seismic, sea level, and deep ocean data, evaluate tsunami threat, and alert national warning centers, and enhanced local preparedness and response using pre-computed tsunami simulations.</p> <p>Expected outputs and outcomes of the project were:</p> <ul style="list-style-type: none"> <li>- Database of pre-computed tsunami simulations that is integrated into the warning system for the Indian Ocean and Southeast Asia;</li> <li>- Interactive procedures for tsunami forecasting and graphical presentation for tsunami watch are developed, tested, and integrated into regional and national tsunami warning systems.</li> </ul>		
<b>Key results</b>	<ul style="list-style-type: none"> <li>• Requests received from Maldives, Myanmar, Seychelles, Tanzania and Timor-Leste to use PRECISE (Portal for Regional Estimation of Coastal Tsunami Impacts using Sea Level and Earthquake Information) to provide the regional centers near real-time tsunami forecasting capability.</li> <li>• INSPIRE integrated into RIMES tsunami warning operation.</li> <li>• Requests received from Bangladesh, Kenya, Maldives, Mozambique, Myanmar, Philippines, Seychelles, Tanzania and Vietnam to use INSPIRE (Internet-based Simulation Platform for Inundation and Risk Evaluation) to evaluate tsunami hazard, estimate tsunami travel time, and assess potential risks.</li> <li>• RIMES is supporting the development of national capacities for end-to-end early warning and spreading the benefits to countries not covered by the project. An increase in the number of requests received from countries not covered by the project to be trained on operational tsunami forecasting and warning.</li> <li>• RIMES is providing experimental service level 1 (SL1) and (SL2) products as a regional tsunami watch provider within the framework of the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWS) facilitated by the Intergovernmental Oceanographic Commission of UNESCO.</li> </ul>		
<b>Date of completion</b>	31 December 2010		

May 2011