

Efforts by the Typhoon Committee to Popularize Sediment Disaster Warning and Evaluation Systems

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1. Introduction

The Typhoon Committee, which is an organization formed jointly by the World Meteorological Organization and the Economic and Social Commission for Asia and the Pacific, held its Forty-second General Meeting in the Republic of Singapore from January 25 to 29, 2010. The Erosion and Sediment Control Division submitted its final report on the Sediment Disaster Forecasting and Warning System Project, which is a project led by the Division, and reported on the state of progress of a new project, the Sediment Disaster Hazard Map Project.

2. Sediment Disaster Forecasting and Warning System Project

This project was undertaken to build a sediment disaster forecasting and warning system during the seven year period from 2002 to 2008. The participating countries built the system applying a judgment method which applies Japan's Critical

Rainfall for Sediment Disaster Occurrence Risk with modifications suited to conditions in each country. The six participating countries include China, Malaysia, Vietnam, Philippines, Thailand, and the United States (Guam) in addition to Japan.

3. Sediment Disaster Hazard Map Project

The Sediment Disaster Hazard Map Project will be undertaken for three years from 2009 to 2011 as the second step following the Sediment Disaster Forecasting and Warning System Project. Its final purpose is to share Japanese methods of setting sediment disaster risk districts with other countries and to prepare a guideline. At the General Meeting, the state of progress of the project was reported at the same time as the plan and budget for field training scheduled for the autumn workshop were discussed. At the next meeting, technical challenges to the field training will be discussed by the countries participating in the project.

