

Malaysia Meteorological Department
US Geological Survey
UNESCO IOC International Tsunami Information Centre

International Training Course in Seismology and Tsunami Warnings
August 21-25, 2006, Petaling Jaya, Malaysia

Training Course Agenda

Time	Topic	
Day 1	<i>Seismology</i>	
9:00-10:30	Introductions	
10:30-11:00	Coffee	
11:00-11:30	Seismicity and Plate Tectonics	RK Chadha
11:30-12:30	Earthquake theory - sources	Jim Mori
12:30-1:30	Lunch	
1:30-3:30	Computer exercises (seismic data interpretation)	Annabel Kelly
3:30-4:00	Coffee	
4:00-5:00	Earthquake theory - waves	Jim Mori
5:00-6:00	Optional: DVD documentary on earthquakes	
Day 2	<i>Seismology</i>	
9:00-10:00	Seismic data interpretation - Location	RK Chadha
10:00-11:00	Seismic data interpretation - Focal mechanisms	Annabel Kelly
11:00-11:30	Coffee	
11:30-12:30	Earthquake forecasting	Jim Mori
12:30-1:30	Lunch	
1:30-3:30	Computer exercises (earthquake location and focal mechanisms)	Annabel Kelly
3:30-4:00	Coffee	
4:00-5:00	Damaging effects of earthquakes	Jim Mori
5:00-5:30	The July 17, 2006 Indonesia Tsunami	Jim Mori
Day 3	<i>Seismology and Tsunamis</i>	
9:00-10:00	Seismic instrumentation	RK Chadha
10:00-10:45	Seismic arrays and networks	RK Chadha
10:45-11:00	Coffee	
11:00-11:45	Tsunami generation and physics	Masahiro Yamamoto
11:45-1:00	Computer learning - TsunamiTeacher	Kong + Kelly
1:00-2:00	Lunch	
2:00-5:00	Visit to seismic station	
Day 4	<i>Tsunami Warning and Mitigation Systems - Tsunami Warnings</i>	
9:00-10:00	Tsunami Warning and Mitigation Systems	Laura Kong
10:00-11:00	Tsunami Warning Center Operations	Masahiro Yamamoto
11:00-11:30	Coffee	
11:30-12:30	Tsunami Warning Center Operations (PTWC and JMA) - IO Scenario	
	Procedures for the IOTWS Interim Advisory Information Service	Masahiro Yamamoto
	Case Study: Indonesia Source Region	Laura Kong
12:30-1:30	Lunch	

1:30-2:30	Tsunami Warning Center Operations (PTWC and JMA) - South China Sea Scenario Procedures for the Northwest Pacific Tsunami Advisory Center - SCS events Case Study: Exercise Pacific Wave 06 source, north of Philippines	Masahiro Yamamoto Laura Kong Kong, Kelly, Yamamoto
2:30-3:30	Computer tsunami exercises (winITDB)	
3:30-4:00	Coffee	
4:00-5:00	Computer learning: TsunamiTeacher, winITDB	Kong, Kelly, Yamamoto
5:00-6:00	Optional: DVD documentary on tsunamis	
Day 5	<i>Tsunami Hazard Assessment, Emergency Response, Mitigation</i>	
9:00-10:00	Tsunami Hazard Risk Assessment and Preparedness	Laura Kong
10:00-11:00	Warning Dissemination and Public Alerts - Communications Technologies	Yamamoto, Kong
11:00-11:30	Coffee	
11:30-12:30	Tsunami Emergency Response after warning issuance	Laura Kong
12:30-2:30	Lunch	
2:30-3:30	NHK 2004 Indian Ocean Tsunami Summary Video	Masahiro Yamamoto
3:30-4:00	Discussion, and Question and Answer	Kong, Yamamoto
4:00-4:30	Summary and Closing	All
3:30-4:00	Coffee	