

USGS-IOC Seismology and Tsunami Warning Training Course		
27-30 August 2007, Malaysia Meteorological Department, Petaling Jaya, Malaysia		
Mon, 27th		
8:30-9:30	Tsunamis: a review	E Okal
9:30-10:30	Opening Ceremony	
10:30-11:00	coffee	
11:00-12:30	Earthquakes: general introduction	E Okal
12:30-1:30	Lunch	
1:30-2:30	Earthquakes: Detection, location and focal geometry	E Okal
2:30-3:30	Seismic Monitoring - earthquake location (exercise)	A Kelly
3:30-4:00	coffee	
4:00-5:00	Seismic Monitoring - earthquake location (exercise)	A Kelly
5:00-6:00	Measuring earthquake size	E Okal
Tues, 28th		
8:30-9:30	Earthquake scaling laws	E Okal
9:30-10:30	Earthquakes as tsunami sources	E Okal
10:30-11:00	coffee	
11:00-12:30	Landslide tsunamis	E Okal
12:30-1:30	Lunch	
1:30-2:30	lessons from the 2004 Sumatra Disaster	E Okal
2:30-3:30	Seismic Monitoring - magnitude estimation Ms, mb (exercise)	A Kelly
3:30-4:00	coffee	
4:00-5:00	Seismic Monitoring - magnitude estimation Mwp (exercise)	A Kelly
5:00-6:00	Indian Ocean case studies and scenarios	
Wed, 29th		
8:30-9:30	Tsunami Warning Center Standard Operating Procedures (TWC SOP) (lecture)	L Kong / M Yamamoto
9:30-10:30	TWC SOP - Real-time earthquake source characterization (lecture)	M Yamamoto
10:30-11:00	coffee	
11:00-12:30	TWC SOP - Tsunami monitoring: Coastal and Deep-Sea instrumentation, Tsunami Travel Time Calculation and Wave Forecasting (lecture)	L Kong
12:30-1:30	Lunch	
1:30-2:30	TWC SOP - Warning Dissemination - Communication Technologies, Message Scheduling and Content	L Kong / M Yamamoto
2:30-3:30	TWC SOP - Sea level monitoring tools - TideTool (exercise)	L Kong / A Kelly
3:30-4:00	coffee	
4:00-5:00	TWC SOP - Sea level monitoring tools - Station Web Service, ODINAFRICA Sea Level Facility (exercise)	L Kong / A Kelly
5:00-6:00	TWC SOP - Tsunami travel time and wave propagation (exercise)	A Kelly / L Kong
Thurs, 30th		
8:30-9:30	Tsunami Emergency Response Standard Operating Procedures (TER SOP) (lecture)	L Kong / B Yanagi
9:30-10:30	TER SOP - Public Alerts: Communications Technologies, Message Scheduling and Content (lecture)	B Yanagi / J Cunneen
10:30-11:00	coffee	
11:00-12:30	TER SOP - Drills, Exercises, and Post-Exercise Evaluations (lecture)	B Yanagi / J Cunneen
12:30-1:30	Lunch	
1:30-3:30	Table Top Exercise (group participation)	B Yanagi + all others
3:30-4:00	coffee	
4:00-5:00	Post-Tsunami Surveys - what, how, when, who (lecture)	L Kong
5:00-6:00	Training Summary and Discussion, Closing ceremony	