

			<b>Strengthening Tsunami Warning and Emergency Responses:</b>	Masahiro Yamamoto	IOC Senior Advisor	
			<b>Training Workshop on the Development of Standard Operating Procedures (SOP)</b>	Dr. Gerard Fryer	PTWC	
			<b>26-30 January 2009</b>	Brian Yanagi	ITIC	
			<b>PHIVOLCS Auditorium, UP Campus, Dillman, Quezon City, Philippines</b>	George Crawford	WA State Emergency Mgmt (retired)	
			<b>Philippines Institute for Volcanology and Seismology</b>			
			<b>AGENDA</b>			
<b>Start Time</b>	<b>End Time</b>			<b>Lecturer</b>		<b>Session Plan / PPT lead (BKK lead)</b>
			<b>DAY 1: SESSIONS 1-3</b>			
			<b>MORNING: PLENARY</b>			
9:00	9:30		Opening Ceremonies	IOC, PHIVOLCS		Cunneen
9:30	9:40		Mission 1 review	Yanagi		Yanagi
9:40	9:45		Logistics and other administrative items	Cunneen, PHIVOLCS		
			<b>Tsunami Warning Center</b>			
9:45	10:15			Yamamoto, Fryer		
10:15	10:45		COFFEE / TEA BREAK			
10:45	11:30			Yamamoto, Fryer		
11:30	12:15			Yamamoto, Fryer		
12:15	13:15		LUNCH			
			<b>AFTERNOON: PLENARY</b>			
			<b>Exercises, Philippines Alert Dissemination System</b>			
13:15	13:45		Day 5 Tsunami Exercise Coordination: format, scenario, emphasizing more realism	Yanagi, Fryer		Narag
13:45	14:45		Exercise Planning • Types and examples • What is needed to conduct each, how long does it take, who is involved, etc • Planning of exercises • Post-exercise evaluation - Hotwashes – what are they • Communications testing (pre and post) • Video examples	Yanagi, Crawford		
14:45	15:15		COFFEE / TEA BREAK			
15:15	16:45		Review of Philippine "End to End" TEWS Communication Network Infrastructure	All		
			<b>DAY 2: SESSION 4</b>			
			<b>MORNING: PLENARY</b>			
			<b>Tsunami Emergency Response</b>			
8:30	9:30		Warning Dissemination - Alerts, Sirens, and other means of attention getting • Sirens: French Polynesia and US AHAB examples • Messaging • Cancellation and All-Clear differences • Video of entire exercise incl hot wash? • Managing and educating media	Yanagi, Crawford		
9:30	10:15		Evacuation and Sheltering • Evacuation planning and identification of assembly areas • No high ground - Vertical Evacuation • Sheltering Education and outreach	Crawford		
10:15	10:45		COFFEE / TEA BREAK			
			<b>Tsunami Mitigation – Countermeasures</b>			
10:45	11:30		Non-structural – vegetation, land use planning (i.e., critical facilities and Hazmat out of Tsunami Hazard Zone, ports and harbors (shut off valves, bolt down fuel tanks etc)	Yanagi, Crawford		
11:30	12:15		Structural: o Stronger structures – building codes o Vertical evacuation – structural, planning, technical, sheltering	Yanagi, Crawford		
12:15	13:15		LUNCH			
			<b>AFTERNOON: PLENARY</b>			
13:15	13:45		<b>TWC and TER meet separately Day 2 afternoon to Day 4</b>			
13:45	14:45					
14:45	15:15		COFFEE / TEA BREAK			
15:15	16:45					
			<b>DAY4: EXERCISE PRE-BRIEFING</b>			
16:00	16:30		Table Top Exercise – Background and Scenarios for Day 5	Exercise Controller		
			<b>DAY 5: SESSIONS 6 and 7, PLENARY</b>			
			<b>Table Top Exercise and Summary</b>			
8:30	9:00		Table Top Exercise Set-up according to Stakeholder Warning and Response Groups	Exercise Controller		
9:00	10:00		Table Top Exercise	Small Groups		
10:00	10:30		COFFEE / TEA BREAK			
10:30	11:00		Table Top Exercise	Small Groups		
11:00	12:00		Table Top Exercise	Small Groups		
12:00	13:00		LUNCH			
13:00	14:00		Table Top Exercise – Evaluation	Breakout Group Chair, Exercise Controller		
14:00	14:30		COFFEE / TEA BREAK			
14:30	15:00		Table Top Exercise – Summary and Next Steps	Exercise Controller and Observers		
15:00	15:30		Workshop Summary Discussion	All		All