

QUARTERLY PHYSICAL REPORT OF OPERATION  
For the Quarter Ending September 2013

Department of Science and Technology  
Philippine Institute of Volcanology and Seismology

MFO / Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (5)	Remarks (6)
<b>MFO 1: Warning and advisory services on volcanic and earthquake hazards</b>  Operations and development of volcanological and geophysical observatories including volcano observation system  Earthquake monitoring and documentation  Volcanological, seismological and geophysical instrumentation research and development and maintenance	Number of volcano bulletins/updates/ advisories promptly issued	Demand-driven	184	-	
	Number of earthquake bulletins/updates/ advisories promptly issued	Demand-driven	171	-	
	Number of tsunami bulletins / advisories promptly issued	Demand-driven	8	-	
	Number of geological & geophysical events investigated	Demand-driven	0	-	
<b>MFO 2: Hazard mapping and risk assessment services</b>  Geology, petrology and geophysical studies of volcanoes, volcanic arcs and terranes, including investigation of on-going and post-eruption deposits	Number of hazard maps generated/updated	0	0	0	Preliminary multi-hazards maps for the Greater Metro Manila were already produced. These will still be subjected to peer review before finalization.
	Number of hazard and risk assessment issued	Demand-driven	200	-	
	Number of clients served				
	<i>Scientific data requests</i>	Demand-driven	12	-	
Geological and geophysical studies on active faults, shear zones, landslides, earthquake effects and other related geotectonic phenomena	<i>Map requests</i>	Demand-driven	18	-	
	Amount of income generated (in pesos)	37,500	75,800	38,300	

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<b>MFO 3: Research and development</b> Volcano eruption prediction research and development of active volcanoes and investigation of other volcano emergencies Earthquake prediction studies	Number of projects implemented	13	17	4	Four new DOST-GIA funded projects commenced during the first semester. One paper published in the Bulletin of Volcanology (ISSN: 0258-8900) on the study of CO2 at Taal Volcano.
	Number of technical papers prepared vis-à-vis number of papers published in ISI listed journals	0	1	0	
	Number of R&D collaborative projects with international scientific organization	7	7	0	
<b>MFO 4: Disaster preparedness and risk mitigation services</b>  Studies on vulnerability / risk vis-à-vis geologic hazards, impact of geologic phenomena and review, update formulation of disaster preparedness plans and reduction action programs  Scientific and technical documentation and information dissemination	Number of clients served by type of service				
	<i>Disaster preparedness lectures</i>	Demand-Driven	6,794	-	
	<i>Earthquake/tsunami/volcano drills</i>	Demand-Driven	22,290	-	
	<i>Seminar/workshops/ trainings for various stakeholders</i>	200	798	598	Teachers seminars were conducted in Roxas City. Conference of the stakeholders of tsunami early warning system was also held.
	<i>Educational tours/Visits to agency facilities</i>	Demand-Driven	2,189	-	
	Number of new information materials developed	0	0	0	Already produced 3 materials during the first quarter.
	Number of information materials disseminated	30,000	20,981	(9,019)	Dissemination of materials is demand driven
	Amount of income generated (in pesos)	44,093	86,698	42,606	


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