

QUARTERLY PHYSICAL REPORT OF OPERATION
For the Quarter Ending December 2013

Department: Department of Science and Technology
Agency : Philippine Institute of Volcanology and Seismology

MFO / Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (5)	Remarks (6)
MFO 1: Warning and advisory services on volcanic and earthquake hazards 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	186	-	
	Number of earthquake bulletins/updates/ advisories promptly issued	Demand-driven	241	-	
	Number of tsunami bulletins / advisories promptly issued	Demand-driven	8	-	
	Number of geological & geophysical events investigated	Demand-driven	2	-	
MFO 2: Hazard mapping and risk assessment services 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	5	22	17	Various earthquake hazard maps were generated for Metro Manila, Bulacan, Laguna, Cavite and Rizal. Risk maps on physical damage, fatalities and economic loss were also generated for Metro Manila.
	Number of hazard and risk assessment issued	Demand-driven	236	-	
	Number of clients served				
	<i>Scientific data requests</i>	Demand-driven	25	-	
	<i>Map requests</i>	Demand-driven	17	-	
Geological and geophysical studies on active faults, shear zones, landslides, earthquake effects and other related geotectonic phenomena	Amount of income generated (in pesos)	37,500	88,200	50,700	

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MFO 3: Research and development 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	
	Number of technical papers prepared vis-à-vis number of papers published in ISI listed journals	5:1	1:1		One (1) paper published. Information on prepared technical papers are still being collected.
	Number of R&D collaborative projects with international scientific organization	7	7	0	
MFO 4: Disaster preparedness and risk mitigation services 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	Number of clients served by type of service				
	<i>Disaster preparedness lectures</i>	Demand-Driven	21,577	-	
	<i>Earthquake/tsunami/volcano drills</i>	Demand-Driven	0	-	
	<i>Seminar/workshops/trainings for various stakeholders</i>	100	557	457	
	<i>Educational tours/Visits to agency facilities</i>	Demand-Driven	1,638	-	
	Number of new information materials developed	3	7	4	Developed during the last quarter were one (1) comics, five (5) flyers, and a magazine. Three (3) comics were developed on the first quarter.
Scientific and technical documentation and information dissemination	Number of information materials disseminated	10,000	41,800	31,800	This indicator is demand-driven.
	Amount of income generated (in pesos)	44,093	8,908	(35,185)	

Prepared by:

Approved by:

DELFIN C. GARCIA
Planning Officer IV and
OIC, Finance and Administrative Division

EMMA C. PAGUILIGAN
Administrative Officer V

RENATO U. SOLIDUM, JR.
Director