

Staff Handbook

Geophysics Study Program

Name	Prof. Dr. Eng. Amiruddin, S.Si, M.Si.			
Post	Oceanography – Professor			
Academic career		Institution	Year	
	Initial Academic Appointment	Hasanuddin University	1997	
	Doctor Degree	Kyoto University	2005	
	Master Degree	Institut Teknologi Bandung	2001	
	Undergraduate Degree	Hasanuddin University	1996	
Employment	Position	Employer	Period	
	Professor	Hasanuddin University	2024	
Research and development projects over the last 5 years	1. Research Project: Thematic Research Group UNHAS Research Title: Pemodelan Tsunami Terintegrasi untuk Mengkaji Ancaman Tsunami di Sekitar Pualu Sulawesi Berdasarkan Aktivitas Sumber Gempa Aktif Period: 2025 Fund: Rp. 60.000.000 Partners: Sabrianto, Aswad, M. Alimuddin, Erfan, M. Fawzy, A. M. Pramadi, Saaduddin, Hendra Pachri, Purwanto, M.Taufqi Rafie 2. Research Project: Hibah Penelitian Fundamental Kolaboratif Unhas Research Title: Pemodelan Rekonstruksi Tsunami di Laut Sawu Akibat Aktivitas Gunung Api Iya sebagai Upaya Mitigasi Bencana Period: 2023 Fund: Rp. 66.000.000			
Industry collaborations over the last 5 years	Project title		Partners	
	-		-	
Patents and proprietary rights	Title		Year	
	-		-	
Important publications over the last 5 years	Title	Journal/Book	Year	Author/Co-author(s)
	An investigation of sea state conditions at the time of ship accidents in Indonesia	Australian Journal of Maritime & Ocean Affairs	2024	Ilyas, N., Ramdhani, A., Amiruddin, & Ribal, A.
	Analysis of stress changes on the Poso fault caused by large inland earthquakes: Case study of the 2017 Mw 6.6 Poso and the	Annals of Geophysics	2024	Muh. Altin Massinai, Muhammad Taufiq Rafe, Tsaqif Razin, M. Alimuddin

	2018 Mw 7.5 Palu-Donggala earthquakes			Hamzah Assagaf, Erfan Syamsuddin, Maria Maria
	Mapping low earthquake risk areas in North Maluku Indonesia	Mausam	2024	Muh. Farid Wajedy, Muhammad Altin Massinai, Muhammad Fawzy Ismullah Massinai, Muhammad Taufiq Rafie, Aini Suci febrianti and Muhammad Lubis Saputra
	Mantle Flow Induced by the Interplay of Downgoing Slabs Revealed by Seismic Anisotropy Beneath the Sula Block in Eastern Indonesia	Natural Hazards	2023	Muhammad Taufiq Rafie, David P. Sahara, Phil R. Cummins, Wahyu Triyoso & Sri Widiyantoro
	Variations in Forearc Stress and Changes in Principle Stress Orientations Caused by the 2004–2005 Megathrust Earthquakes in Sumatra, Indonesia	Frontiers in Earth Science	2021	Muhammad TaufiqRafie, Phil R. Cummins, David P. Sahara, Sri Widiyantoro, Wahyu Triyoso and Andri Dian Nugraha
	Numerical Simulation for Unsteady Helmholtz Problems of Anisotropic Functionally Graded Materials	Engineering Letters	2021	Moh. Ivan Azis, Ikha Magdalena, Widowati, Amiruddin Haddade
Activities in specialist bodies over the last 5 years	Organisation	Role		Period
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