

Staff Handbook

Geophysics Study Program

Name	Syamsuddin, S.Si. M.T.			
Post	Applied Geophysics, Survey and Mapping – Assistant Professor			
Academic career		Institution	Year	
	Initial Academic Appointment	Hasanuddin University	2002	
	Master Degree	Institut Teknologi Bandung	2007	
	Undergraduate Degree	Hasanuddin University	1999	
Employment	Position	Employer	Period	
	Associate Professor (Lektor)	Hasanuddin University		
Research and development projects over the last 5 years	1. Research Project: Kedaireka Matching Fund Research Title: Implementasi Rekayasa Eksplorasi Endapan Nikel Laterit melalui Integrasi Data ERT dan Data Geologi dalam Menyokong Industri Baterai di Indonesia Period: 2024 Fund: Rp. 744.830.000 Partners: Sabrianto, Aswad, M. Alimuddin, Erfan, M. Fawzy, A. M. Pramadi, Saaduddin, Hendra Pachri, Purwanto 2. Research Project: Hibah Internal Penelitian Dosen Pembimbing Akademik Unhas (PDPA) (Research Leader) Research Title: Penentuan Zona Intrusi Air Laut Menggunakan Metode Tahanan Jenis di Kelurahan Soreang, Kabupaten Maros Period: 2022 Fund: Rp. 11.500.000			
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)
	Sistem Informasi Geografis dan Aplikasinya	Lutjanus Publisher	2025	Co-author(s): Syamsuddin, Aswar Syafnur
	Optimizing maize cultivation through Fuzzy AHP: Balancing land suitability, land use, and environmental sustainability	Journal of Degraded and Mining Lands Management	2025	Author: Samsu Arif Co-author(s): Nurmiaty, S. Baja, Erfa, Syamsuddin

	Integrating random forest and irrigation management in geographic information systems-based land suitability and rice productivity modeling in tropical landscapes	Ecological Engineering and Environmental Technology	2025	Author: Samsu Arif Co-author(s): Sakka, Nurmiaty, Rahmad, Erfan, M. Farid Wajedy, Andir M.W.L, Syamsuddin
	Karakteristik Geokimia Air Panas dan Perkiraan Temperatur Bawah Permukaan Panas Bumi Daerah Reatoa Kabupaten Maros	Jurnal Geosaintek	2024	Author: Jamaluddin Co-author(s): Maria, Jefri N., Syamsuddin, Bambang H.S.
	Determination of Seawater Intrusion Zones Using the Resistivity Method in Kelurahan Soreang, Maros District, South Sulawesi Province	Jurnal Geoelebes	2023	Author: Syamsuddin Co-author(s): M. Fajar, Andry H.W., Nurul Salsabila, Rezky, M.Fawzy I.M., Selfiana, Bambang H.
	Analisis Hidrokimia Dalam Penentuan Tipe Dan Golongan Fluida Geotermal Sulili Kabupaten Pinrang Sulawesi-Selatan	Jurnal Geosaintek	2022	Author: Emy P. Umar Co-author(s): M. Hardin W., Jamal R.F., Jamaluddin, Syamsuddin, Rizky N.A.
	Penentuan Kedalaman Lapisan Bedrock Di Kawasan Reklamasi Kota Makassar Dengan Metode Geolistrik Resistivitas Konfigurasi Wenner-Schlumberger	Jurnal Geoelebes	2021	Co-author(s): Titien Haryani, Riyadi, Marniati R., Sabrianto Aswad
	Organisation	Role		Period

Activities in specialist bodies over the last 5 years	Himpunan Ahli Geofisika Indonesia Korwil Sul-Sel-Bar	Member	2022-2024
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