

Staff Handbook

Geophysics Study Program

Name	Dr. Sakka, M. Si			
Post	Coastal Dynamics – Associate Professor			
Academic career		Institution	Year	
	Initial Academic Appointment	Hasanuddin University	1991	
	Doctoral Degree	Bogor Agricultural Institute	2012	
	Master Degree	Gadjah Mada University	1996	
	Undergraduate Degree	Hasanuddin University	1990	
Employment	Position	Employer	Period	
	Assistant Professor	Hasanuddin University		
Research and development projects over the last 5 years	1. Research Project: Research Project: Hibah Internal Penelitian Penelitian Fundamental Kolaboratif, LPPM Unhas (Research Member) Research Title: Coastal Erosion Hazard Analysis Based on Oceanographic Conditions at Galesong Beach, Takalar Regency 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)
	Integrating random forest and irrigation management in geographic information systems-based land suitability and rice productivity modeling in tropical landscapes.	Ecological Engineering & Environmental Technology (EEET)	2025	Author: Samsu Arif Co-author(s): Sakka Nurmiaty , Rahmad, Erfan Syamsuddin, Muh. Farid Wajedy , Andri Moh. Wahyu Laode , Syamsuddin
	Seasonal wave dynamics and model	Ecological Engineering &	2025	Author: Sakka

	validation at Galesong Beach, south Sulawesi: Evaluating the accuracy of wave prediction.	Environmental Technology (EET)		Co-author(s): Rizky Mawnad, Cut Mauliditya Fachtya; Assegaf, Alimuddin Hamzah; Syamsuddin, Erfan; Saaduddin
	Impact of wave energy and sediment transport on shoreline changes: A multi-temporal satellite image analysis in Galesong, Takalar Regency, Indonesia	Journal of Degraded and Mining Lands Management	2025	Author: S Sakka Co-Authors: AH Assegaf, A Amiruddin, S Saaduddin, SNAA Azis, AMI Ismail
	Water availability analysis of Walanae River	International Journal of Agriculture and Business	2022	Author: E Syamsul Arifin Lias Co-authors: A Assegaf, Sakka, Paharuddin, E Syamsuddin
Activities in specialist bodies over the last 5 years	Organisation	Role		Period
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