

Staff Handbook

Geophysics Study Program

Name	Prof. Dr. Halmar Halide, M.Sc.			
Post	Hydrometeorology – Professor			
Academic career		Institution	Year	
	Post-Doctoral	Australian Institute of Marine Science	2005-2008	
	Doctoral Degree	James Cook University	2002	
	Master Degree	Memorial University of Newfoundland	1992	
	Undergraduate Degree	Bandung Institute of Technology	1987	
Employment	Position	Employer	Period	
	Head of Physics Department	Hasanuddin University	2008 – 2013	
	Professor	Hasanuddin University	2010 - Present	
Research and development projects over the last 5 years	1. Research Project: Hasanuddin University LPPM TRG Research Grant Research Title: Projection of Microorganism Communities on Prehistoric Karst Cave Paintings under Changing Climate. Period: 2025 Fund: Rp. 60.000.000 Partners: Dr. Nur Haedar, M.Si.			
Industry collaborations over the last 5 years	Project title		Partners	
	-		-	
Patents and proprietary rights	Title		Year	
	E-book: Prediction of Tropical Cyclone Trajectory and Speed		2023	
	E-book: Validation of Early Warning Systems for Severe Weather Related to Tropical Cyclones		2025	
Important publications over the last 5 years	Title	Journal/Book	Year	Author/Co-author(s)
	Weather factors affecting snow coverage on Mt. Jayawijaya, Indonesia	Journal of Degraded and Mining Lands Management	2025	Author: Syamsinar Co-author(s): Halmar Halide, Aini Suci Febrianti, Andri Moh. Wahyu Laode,
	The effect of global ocean factors on the crown-of-thorns starfish	AACL Bioflux	2025	Author: AS Febrianti

	(Acanthaster planci, Linnaeus, 1758) population in the Great Barrier Reef, Australia			Co-authors: Halmar Halide, Andika, and AN Rajalau
	New metrics for distinguishing the skill of long-range ENSO forecasting models	AIP Conference Proceedings	2024	Author: Halmar Halide Co-authors: P Wulandari and Andika
	Developing a weather data acquisition system for remote cave-arts monitoring	AIP Conference Proceedings	2024	Author: Lidemar Halide Co-authors: SA Kadir, R Lebe, Andika, MS Mandasini, Halmar Halide
	The historical impact of anthropogenic air-borne sulphur on the Pleistocene rock art of Sulawesi	Nature Scientific Reports	2022	Author: Gagan M.K. Co-authors: Halmar Halide, Permana, R.C.E. et al.,
	Factors affecting COVID-19 cases before epidemic peaks	Gaceta Sanitaria	2021	Author: Andika Co-authors: P Wulandari and Halmar Halide
	Determining significant factors associated with daily COVID-19 cases within three social distancing regimes	Gaceta Sanitaria	2021	Author: P Wulandari Co-authors: Andika and Halmar Halide
Activities in specialist bodies over the last 5 years	Organisation	Role		Period
	Himpunan Ahli Geofisika Indonesia Korwil Sul-Sel-Bar	Member		2025-Present