


Husnul Mubarak, S.TP. M.Si

Name	Husnul Mubarak, S.TP. M.Si		
Post	Remote Sensing		
Academic Career	<i>Doctorate Degree</i>	<i>University</i>	<i>Year</i>
	-	-	-
	<i>Magister Degree</i>	<i>University</i>	<i>Year</i>
	Water Resources Management	Hasanuddin University	2013-2017
	<i>Bachelor Degree</i>	<i>University</i>	<i>Year</i>
	Agricultural Engineering	Hasanuddin University	2007-2011
Employment	Assistant Professor, Bachelor Programme of Agricultural Engineering, Faculty of Agriculture	Hasanuddin University	2023
Research and Development Projects Over the Last 5 Years	<i>Title of Research</i>	<i>Year</i>	<i>Funding</i>
	Microclimate and Soil Moisture Control for Optimizing Kale Chinese Vegetable Cultivation	2023	Internal Funding for Researcher, Hasanuddin University IDR 65000000,- (€3896,35)
	Design of Surface Drainage System for Sugar Factory in Bone Regency	2022	Internal Funding for Researcher, Hasanuddin University IDR 25000000,- (€1498,60)
	Design of Surface Drainage System for Sugar Factory in Takalar Regency	2022	Internal Funding for Researcher, Hasanuddin University IDR 25000000,- (€1498,60)
	Design of Surface Drainage System for Camming Sugar Factory	2022	Internal Funding for Researcher, Hasanuddin University IDR 25000000,- (€1498,60)
	Physiology Study - Relative Water Content of Chinese Kale Vegetable Plants Due to Decreased Soil Water Content	2022	Internal Funding for Researcher, Hasanuddin University IDR 67000000,- (€4016,24)
	Survey Investigation and Design of Irrigation Network Development of West Sulawesi Province	2022	State Expenditure Budget IDR 270000000,- (€16184,84)
	Mapping of Potential Evapotranspiration Values in Support of Agricultural Systems in Makassar City	2022	Internal Funding for Researcher, Hasanuddin University IDR 20000000,- (€1198,88)
	Design of Green house Temperature and Humidity Control System Using DHT 22 Sensor	2022	Internal Funding for Researcher, Hasanuddin University IDR 10000000,- (€599,44)
	Downstreaming of Coconut Commodities and Derivative Products: A Strategy to Increase Value Added and New Source of Foreign Exchange	2021	Bank Indonesia IDR 60000000,- (€3596,63)
	Analysis of Land Suitability for Cocoa Development Based on Square Root	2021	Internal Funding for Researcher, Hasanuddin University

	and SPKL (Land Suitability Assessment System) Application in Bantaeng Regency		IDR 15000000,- (€899,16)
Industry Collaborations Over the Last 5 Years	<i>Title</i>		<i>Year</i>
	-		-
Patents and Proprietary Rights	<i>Title</i>		<i>Year</i>
	-		-
Important Publications Over the Last 5 Years	<i>Title</i>	<i>Journal Name</i>	<i>Year/Vol/Number</i>
	Morphology and Physiology of Kale Plants Under Excess and Deficient Water Conditions	International Journal of Vegetable Science	2023. Vol.29
	Analysis of Potential Evapotranspiration Model Using Global Climate Data in Makassar city	AIP Conference Proceeding	2023. 2596, 060015
	The Existence of Agricultural Land in Relation to Urban Growth in Bombana City, South East Sulawesi, Utilizing NDVI and Urban Morphology	AIP Conference Proceeding	2023. 2596, 080007
	Soil Moisture-based Furrow Irrigation Scheduling on Chilli Pepper Plant	AIP Conference Proceeding	2023. 2596, 060012
	Land Suitability Analyze for Cocoa Development Based on Square Root	AIP Conference Proceeding	2023. 2596, 080004
	The Effect of Artificial Reservoir on Performance Improvement of Groundwater Use for Rice Paddy Irrigation: Case Wajo regency, South Sulawesi Province, Indonesia	AIP Conference Proceeding	2023. 2596, 060014
	Design of a Greenhouse Room Temperature and Humidity Control System Using a DHT 22 Sensor	Jurnal AgriTechno	2022. 15(2): 160-165
	Drone-Based Vegetation Index Analysis to Estimated Nitrogen Content on The Rice Plantations	Jurnal AgriTechno	2022. 15(2): 132-140
	Estimation of Potential Evapotranspiration for Optimizing the Usage of Surface Irrigation in Wajo District	Jurnal AgriTechno	2022. 15(2): 141-148
	Education and Research Assistance on the Red Onion Commodity Value Chain in Batu Noni Village, Anggeraja District	Abdi Techno	2022. 2(1): 11-16
	Making and Sharing Compost from Agricultural and Livestock Waste in Kadidi Village, Panca Rijang Subdistrict, Sidenreng Rappang District	Abdi Techno	2022. 2(1): 23-29
	Analysis of Land Suitability for Cocoa Development Based on Spkl (Land Suitability Assessment System) Application in Bantaeng Regency	Jurnal Ecosolum	2021. 10(2)
	Green House Gases Emission of Livestock Sector in East Kalimantan Using Tier-1 2019 Refinement	IOP Conference	2021. Vol 807, 022028
	Predicting the Impact of Land-use Changes on Soil Erosion Rates in the Three Small Sub-catchments of Laron Catchment	IOP Conference	2021. Vol. 807, 022074

	Evaluation of Land Suitability of Food Crops Commodities Based on Spatial Data in Tanete Riaja District, Barru Regency	Jurnal AgriTechno	2020. 13(2): 90-96
	Prediction of Flow Discharge of Bantimurung Watershed Using HEC-HMS Model	Jurnal AgriTechno	2020. 13(1): 71-76
	Predicting the Impact of Land-use Change on Soil Erosion Rate in Ussu Sub-catchment Area and Sedimentation Yield in Malili River	IOP Conference	2020. 486 012061
Activities in Specialist Bodies Over the Last 5 Years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
SINTA	https://sinta.kemdikbud.go.id/authors/profile/6736138		