

**Dr. Suhardi, STP.,MP.**

Name	Dr. Suhardi, STP.,MP.		
Post	Water Resources Engineering and Management		
Academic Career	<i>Doctorate Degree</i>	<i>University</i>	<i>Year</i>
	Watershed Management	IPB University	2008
	<i>Magister Degree</i>	<i>University</i>	<i>Year</i>
	Agricultural Engineering	Gadjah Mada University	1998
	<i>Bachelor Degree</i>	<i>University</i>	<i>Year</i>
	Agricultural Engineering	Hasanuddin University	1995
Employment	Associate Professor, Bachelor Programme of Agricultural Engineering, Faculty of Agriculture	Hasanuddin University	present
	Head of Study Program, Bachelor Programme of Agricultural Engineering, Faculty of Agriculture	Hasanuddin University	2010-2018
	Secretary of the Departement, Agricultural Technology	Hasanuddin University	2018-2022
	Head of Department, Agricultural Technology	Hasanuddin University	2022-now
Research and Development Projects Over the Last 5 Years	<i>Title of Research</i>	<i>Year</i>	<i>Funding</i>
	Vegetative Soil Conservation as an Effort to Improve Cocoa Land Quality	2019	Rp. 85.250.000 (€5197.53)
	Study of Optimization of Reservoir and Groundwater Utilization for Sustainable Rainfed Rice Field Productivity Enhancement	2020	Rp. 107.116.600 (€6530.69)
	Optimization Study of Reservoir and Groundwater Utilization for Sustainable Rainfed Rice Field Productivity Improvement	2021	Rp. 110.000.000 (€6706.49)
	Study of the Use of Natural Materials as Drip Irrigation and Subsurface Irrigation Emitters in the Effort to Optimize Sub-optimal Land	2022	Rp 70.000.000 (€4267.77)
	Morphophysiological Characters of Three High Yield Potential Shallot Varieties of Botanical	2023	Rp. 62.000.000 (€3780.02)

	Seed Origin (True Shallot Seed) Tolerant of Biotic Stress Applied by Endophytic Microbes		
	Development of FONi Technology in Horti-Floriculture Cultivation	2023	Rp. 472.096.700 (€28782.84)
Industry Collaborations Over the Last 5 Years	<i>Title</i>		<i>Year</i>
	Design of the Surface Drainage System for Sugar Factory in Bone Regency		2022
	Design of the Surface Drainage System for Sugar Factory in Takalar Regency		2022
	Design of the Surface Drainage System for Camming Land Sugar Factory		2022
Patents and Proprietary Rights	<i>Title</i>		<i>Year</i>
	OPTIWaleF-SOFT (Optimum Water Level For Fertigator Model Software)		2024
Important Publications Over the Last 5 Years	<i>Title</i>	<i>Journal Name</i>	<i>Year/Vol/Number</i>
	(Estimating of Rice Productivity Based on Reflectance (Vegetation Index), Color and Density of Plants)	Jurnal Penelitian dan Pengembangan Agrokompleks	1(2): 17-26, Dec. 2018
	Climate Forecasting uses Backpropagation Algorithm Artificial Neural Network Model for Planning Rice Plants In Gowa Regency	International Journal Of Pharmaceutical Research.	<a href="https://doi.org/10.31838/ijpr/2021.13.02.014">https://doi.org/10.31838/ijpr/2021.13.02.014</a>
	Rice bran oil extraction by ethanol: optimization of $\gamma$ -oryzanol and polyphenol	Food Research	2023/7 (2) / 289 - 296
	Effect of Canopy Cover Level of Cacao and Shade Trees on Splash Erosion on Cacao Land	Journal of Agricultural Engineering (JTEP-L)	2024/13 (1)/ 82 - 91
Activities in Specialist Bodies Over the Last 5 Years	<i>Organization</i>	<i>Role</i>	<i>Period</i>
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SINTA	<a href="https://sinta.kemdikbud.go.id/authors/profile/6008038">https://sinta.kemdikbud.go.id/authors/profile/6008038</a>		