

Staff Handbook



Name	Muhammad Rusdi, Ph.D		
Post (teaching area and designation)	Geographic Information System and Remote Sensing		
Academic career	Initial academic appointment	Institution	Year
	Doctorate-Geographic Information System	School of HBP, Universiti Sains Malaysia, Malaysia	2012-2016
	Master degree-Remote Sensing	Faculty of Agricultural, Institut Pertanian Bogor, Indonesia	2002-2005
	Undergraduate degree-Land Evaluation, GIS	Faculty of Agricultural, Universitas Syiah Kuala, Indonesia	1996-2001
Employment	Position	Employer	Period
	Lecturer	Universitas Syiah Kuala	2005-present
Research and development projects over the last years	<p>Name of project or research focus: Integration of Spatial Origin Based Fingerprint Detection System with Socioeconomic Characteristics of Farmers for Sustainability Indonesian Palm Oil (I-SEURAMOE)</p> <p>Period and any other information: 2022-present</p> <p>Partners, if applicable: Palm Oil Plantation Fund Management Agency (BPDPKS)</p> <p>Amount of financing: IDR 2,232,846,936,-</p>		
Industry collaborations over the last 5 years	<p>Project title: LUCA (Land Use Change Analysis) for RSPO Guidance Oil Palm Industry</p> <p>Partners: Daemeter Consulting</p>		
Patents and proprietary rights	<p>Title</p> <p>Introduction to Hyperspectral Remote Sensing Applications (Book)</p> <p>EC00202031535</p>		<p>Year</p> <p>2020</p>
Important publications over the last 5 years	<p>Selected recent publications from a total of approx.</p> <p>Total number: 42 in Scopus Publications</p> <p>https://www.scopus.com/authid/detail.uri?authorId=6507854662</p> <p>Author(s)</p> <p>Oya, N., Rusdi, M*, Fazlina, Y.D., Sugianto, S</p> <p>Title</p> <p>Template matching method to determine oil palm trees</p> <p>Any other information</p> <p>-</p>		

	<p><i>Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers</i> <i>IOP Conference Series: Earth and Environmental Science Volume 1183, Issue 1, 2023, Article number 012077</i> https://iopscience.iop.org/article/10.1088/1755-1315/1183/1/012077</p>																							
<p>Activities in specialist bodies over the last 5 years (Membership without a specific role need not be mentioned)</p>	<table border="1"> <thead> <tr> <th data-bbox="500 352 889 384">Organization</th> <th data-bbox="889 352 1214 384">Role</th> <th data-bbox="1214 352 1430 384">Period</th> </tr> </thead> <tbody> <tr> <td data-bbox="500 384 889 453">Indonesian Society of Soil Science (HITI)</td> <td data-bbox="889 384 1214 453">Member</td> <td data-bbox="1214 384 1430 453">2016-Present</td> </tr> <tr> <td data-bbox="500 453 889 548">Indonesian Environmental Assessment Association (INKALINDO)</td> <td data-bbox="889 453 1214 548">Member</td> <td data-bbox="1214 453 1430 548">2019-Present</td> </tr> <tr> <td data-bbox="500 548 889 617">Indonesian Society For Remote Sensing (MAPIN)</td> <td data-bbox="889 548 1214 617">Member</td> <td data-bbox="1214 548 1430 617">2023-Present</td> </tr> <tr> <td data-bbox="500 617 889 686">Indonesian Geospatial Expert Society (IGES/PAGI)</td> <td data-bbox="889 617 1214 686">Member</td> <td data-bbox="1214 617 1430 686">2020-Present</td> </tr> <tr> <td data-bbox="500 686 889 781">Indonesian Association of Agricultural Meteorology (PERHIMPI)</td> <td data-bbox="889 686 1214 781">Member</td> <td data-bbox="1214 686 1430 781">2020-Present</td> </tr> <tr> <td data-bbox="500 781 889 842">The Institution of Engineers Indonesia (PII)</td> <td data-bbox="889 781 1214 842">Member</td> <td data-bbox="1214 781 1430 842">2016-Present</td> </tr> </tbody> </table>	Organization	Role	Period	Indonesian Society of Soil Science (HITI)	Member	2016-Present	Indonesian Environmental Assessment Association (INKALINDO)	Member	2019-Present	Indonesian Society For Remote Sensing (MAPIN)	Member	2023-Present	Indonesian Geospatial Expert Society (IGES/PAGI)	Member	2020-Present	Indonesian Association of Agricultural Meteorology (PERHIMPI)	Member	2020-Present	The Institution of Engineers Indonesia (PII)	Member	2016-Present		
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