

## Staff Handbook



Name	<b>Prof. Dr. Ir. Darusman, M.Sc.</b>		
Post (teaching area and designation)	Soil physics, Land Reclamation and Rehabilitation, Irrigation and drainage, River watershed management		
Academic career	<b>Initial academic appointment</b>	<b>Institution</b>	<b>Year</b>
	Doctoral	Soil Science , Kansas State University	1990 - 1994
	Masters Degree	Soil Science, Kansas State University	1988 - 1990
	Undergraduate Soil Science	Soil Science, Syiah Kuala University	1981 -1986
Employment	<b>Position</b>	<b>Employer</b>	<b>Periode</b>
			<b>2003-present</b>
	<b>Senior Lecturer/Professor</b>	<b>Syiah Kuala University</b>	<b>2015-2022</b>
	<b>Postgraduate Director</b>	<b>Syiah Kuala University</b>	
	<b>Vice Rector</b>	<b>Syiah Kuala University</b>	<b>2006 - 2015</b>
Research and development projects over the last years	<p><b>a. Name of project or research focus:</b></p> <p>Creation of Energy Independent Villages and Increasing Community Welfare Through the One Flow Multipurpose Concept. Year 2023 (rp. 183 000000)</p> <p>Bamboo for biochar; AN OPPORTUNITY FOR SCIENTIFIC, SOCIETAL, AND ENVIRONMENTAL CHANGE (BAMBINDO). : International collaboration with Ghent Univ, UGM, UNUD, and UNAND year 2019 – 2022 (rp. 450 000 000)</p>		

	<p>Microplastic contaminated to soil: International collaboration with Ghent Univ. year 2023 (rp. 30 000 000)</p> <p>Sinergitas Biochar, Tricoderma dan Kompos dalam menangani tanah bermasalah Ultisol pada tanaman Kedelai Edamame year 2023 (rp. 85 000 000)</p> <p><b>b. Name of project or research focus:.</b></p> <p>IDENTIFICATION OF MICROPLASTICS IN LAND COVERS IN BANDA ACEH CITY AND ACEH BESAR DISTRICT</p> <p>Biochar inducement to agriculture crop productivity</p>	
<p>Industry collaborations over the last 5 years</p>	<p><b>Project title:</b> Bamboo for biochar; AN OPPORTUNITY FOR SCIENTIFIC, SOCIETAL, AND ENVIRONMENTAL CHANGE (BAMBINDO). : International collaboration with Ghent Univ, UGM, UNUD, and UNAND year 2019 – 2022</p> <p><b>Partners:</b> Ghent Univ, Gajah mada Univ, Udyana Univ, Andalas Univ.</p> <p>Microplastic contaminated to soil: International collaboration with Ghent Univ. year 2023</p> <p><b>Partners:</b> Ghent Univ, Belgium</p>	
<p>Patents and proprietary rights</p>	<p><b>Title :</b></p>	<p><b>Year :</b></p>
<p>Important publications over the last 5 years</p>	<p><b>Selected recent publications from a total of approx. Total number :28 in Scopus</b>  <a href="https://www.scopus.com/authid/detail.uri?authorId=7409526102">https://www.scopus.com/authid/detail.uri?authorId=7409526102</a></p> <p><b>Author(s)</b> <i>Kurniasih, E., Rahmi, R., Darusman, D., Supardan, M.D.</i>  <b>Title</b> <i>Synthesis of sucrose ester through enzymatic esterification and stability analysis as food emulsifier</i></p> <p><b>Any other information</b> <i>Publisher, place of publication, date of publication or name of periodical, volume, issue, page umbers</i></p> <p><b>Environ Monit Assess (2023)</b> E3S Web of Conferences, 2023, 373, 04014</p> <p><b>Author(s)</b> <i>Junaidi, Musnadi, S., Idris, J., Darusman</i>  <b>Title</b> <i>Community’s Motivation To Carry Out Illegal Oil Mining In-Indonesia   Motivação Da Comunidade Para Realizar Extração Ilegal De Petróleo Na Indonésia</i></p> <p><b>Environ Monit Assess (2023)</b> Journal of Law and Sustainable Development, 2023, 11(4), e0540</p>	

<p>Activities in specialist bodies over the last 5 years (Membership without a specific role need not be mentioned)</p>	<p><b>Organisation</b></p>	<p><b>Role</b></p>	<p><b>Periode</b></p>
	<p><b>Indonesia Soil Science Association (HITI)</b></p>	<p><b>member</b></p>	<p><b>1997-Now</b></p>
	<p><b>Indonesia Soil and Water Conservation (MKTI)</b></p>	<p><b>member</b></p>	<p><b>2016-present</b></p>