

Name	Dr.Laksmi Sulmartiwi, S.Pi., MP	
Academic service	<ol style="list-style-type: none"> <li>1. Ichthyology</li> <li>2. Fish Physiology</li> <li>3. Fish Histology</li> <li>4. Fish Pathology</li> </ol>	
Academic career	<ul style="list-style-type: none"> <li>• Doctoral, Mathematics and natural science, University Brawijaya</li> <li>• Master, Land and water management, University Brawijaya Bachelor, Aquatic resources management, University Brawijaya</li> </ul>	
Employment	Lecturer, Faculty of Fisheries and Marine, Universitas Airlangga	
Research and development projects over the past five years	<p>2018 Effectiveness of oregano oil as an anesthetic agent on the physiology of fish and shrimp</p> <p>2017 Potential bioactivity of Avicennia rumphiana mangroves</p> <p>2016 Increased food safety of blood clam products (<i>Anadara granosa</i>) through depuration techniques with a combination of aeration</p> <p>2015 The hepatoprotective activity of sea cucumber <i>Phyllophorus</i> sp against carp (<i>Cyprinus carpio</i>)</p> <p>2015 Local Teripang Extract (<i>Phyllophorus</i> sp.) As Anesthetic Material (Development Efforts for the Potential of Marine Resources as a Medicinal Material)</p>	
Publications International past five years	<p>2018 The Effect of maceration period on contents and color brightness of phycoerithrin from <i>Gracillaria</i> IOP Conf. Series: Earth and Environmental Science (137) 012017 doi :10.1088/1755-1315/137/1/012053</p> <p>2018 Rematuration of Nile Fish (<i>Osteochilus hasselti</i> C.V) Female Broodstock Post-Spawning Using Oocyte Developer Hormone. Vol. 11 No. 01, pp 156-161. ISSN: 0974-4290, ISSN (online): 2455-9555 International Journal of ChemTech Research International Conferences</p> <p>2017 The effect of clove oil as sedative to hematophysiology of hybrid grouper (<i>Epinephelus</i> sp.) in close transportation in tropical country 5(5): 443-446 International Journal of Fisheries and Aquatic Studies</p> <p>2017 Modifying bioproduct technology of Median Density Fibreboard from the Seaweed waste <i>Kappnphycus alva rezii</i> and <i>Gracilaria verrucosa</i> Publish online 22 April 2017, ISSN :0976-8432 Journal Indian Academy of wood science.</p> <p>2017 Hepatoprotective activity of Sea cucumber <i>Phylloporus</i> sp extract in carp (<i>Cyprinus carpio</i>) AIP Conference Proceedings, 1816 aip.scitation.org/doi/abs/10.1063/1.4975956</p> <p>2016 Depuration of Blood shell cockle using different filter on the heavy metals (Pb and Cd) content Vol4- issue 06/1337-1341/ Desember 2016 Asian Journal of applied Science</p> <p>2016 Business Analysis of intensive fish farming with aquaponic system using Probiotic and biofertilizer from <i>Gracillaria</i> sp seaweed waste Vol 04-Issue 02/ April 2016 Asian Journal of applied Science</p>	

	2016	Bacteria associated with mass mortality of hybrid grouper Epinephelus sp. In east java province indonesia Vol. 4 no 6. 439-441 International Journal of Fisheries and Aquatic Studies
Book	-	
Patent and protected right	-	
Participation in specialist organisations over the past five years	1. 2.	Indonesian Coastal Management Expert Association (HAPPI) Indonesia Ichthyology Community (MII)