



**UNIVERSITAS INDONESIA**

Faculty of Mathematics and Natural Sciences

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**STAFF HANDBOOK**

<b>Name</b>	<b>Sindy Devila</b>		
<b>Expertise</b>	<b>Actuarial Science</b>		
<b>Academic career</b>		<b>Institution</b>	<b>Year</b>
	Undergraduate degree	Institut Teknologi Bandung	2016
	Master degree	Institut Teknologi Bandung	2017
	Doctoral degree		
	Post-doctoral		
<b>Employment</b>	<b>Position</b>	<b>Employer</b>	<b>Period</b>
	Lecturer	UI	2018 - now
<b>Research and development projects over the last 5 years</b>	<ol style="list-style-type: none"> <li>1. Riset PUTI Prosiding, "Distribution Model of Insurance Claim", Period 2020, Partner Dian Lestari, Amount of financing Rp 23,000,000.00</li> <li>2. Riset PITTA, "Application of General Linear Model in Determining General Insurance Premium in Indonesia", Period 2018, Partner Dian Lestari, Amount of financing Rp 81,000,000.00</li> <li>3. Riset PITTA, "Factors that influence the Determination of Life Insurance Premiums", Period 2018, Partner Dian Lestari, Amount of financing Rp 81,000,000.00</li> </ol>		
<b>Industry collaborations over the last 5 years</b>	<ol style="list-style-type: none"> <li>1. Project title : Persatuan Aktuaris Indonesia Syllabus Workshop Partners : Persatuan Aktuaris Indonesia (PAI)</li> </ol>		
<b>Patents and proprietary rights</b>	<b>Title</b>	<b>Year</b>	
<b>Important publications over the last 5 years</b>	<p style="text-align: center;"><b>Selected recent publications</b></p> <ol style="list-style-type: none"> <li>1. Mohammad, R., Lestari, D., &amp; Devila, S. (2021, January). Generalized exponential Marshall-Olkin distribution. In Journal of Physics: Conference Series (Vol. 1725, No. 1, p. 012100). IOP Publishing.</li> <li>2. Harlianto, D., Mardiyati, S., Lestari, D., Zili, A. H., &amp; Devila, S. (2020, June). Indonesia tuberculosis morbidity rate forecasting</li> </ol>		

	<p>using recurrent neural network. In AIP Conference Proceedings (Vol. 2242, No. 1, p. 030006). AIP Publishing LLC.</p> <p>3. Ng, S., Lestari, D., &amp; Devila, S. (2019, November). Generalized linear model for deductible pricing in non-life insurance. In AIP Conference Proceedings (Vol. 2168, No. 1, p. 020038). AIP Publishing LLC.</p>		
<b>Scholar UI ID</b>	-		
<b>Activities in specialist bodies over the last 5 years</b>	<b>Organization</b>	<b>Role</b>	<b>Period</b>
	Indonesian Mathematical Society (IndoMS)	Member	2020 – now