



**UNIVERSITAS GADJAH MADA**  
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**STAFF HANDBOOK**

Name	<i>Adhitya Ronnie Effendie</i>		
Post	<i>Actuarial Science</i>		
Academic career	<i>Initial academic appointment</i>	<i>UGM</i>	<i>2000</i>
	<i>Habilitation [German post-doctoral qualification] (subject)</i>	<i>-</i>	<i>-</i>
	<i>Doctorate (Actuarial Science)</i>	<i>Rijks Universiteit</i>	<i>2001</i>
	<i>Master (Actuarial Science)</i>	<i>Groningen-ITB</i>	
	<i>Undergraduate degree (Mathematics)</i>	<i>ITB</i>	<i>1998</i>
Employment	<i>Position</i>	<i>Employer</i>	<i>Period</i>
	<i>Instructor</i>	<i>UGM</i>	<i>1/1/2000-12/31/2008</i>
	<i>Lecturer</i>	<i>UGM</i>	<i>1/1/2009-7/31/2023</i>
	<i>Senior Lecturer</i>	<i>UGM</i>	<i>8/1/2023- now</i>
Research and development projects over the last 5 years	<i>Name of project or research focus</i>		
	<i>Lecturer Publication Acceleration Program of Mathematics Department, Universitas Gadjah Mada</i>		
	<i>Period and any other information: April -October 2022</i>		
	<i>Partners, if applicable: none</i>		
	<i>Amount of financing: 50 million rupiah</i>		
Industry collaborations over the last 5 years	<i>Project title: IFRS 17 Management -2023</i>		
	<i>Partners: Tugu Insurance</i>		
	<i>Project title: Evaluation of Badak LNG PROKESPEN Fund Management -2020</i>		
	<i>Partners: PT Badak LNG, Tbk</i>		
Patents and proprietary rights	<i>none</i>		

<p>Important publications over the last 5 years</p>	<p><i>S Selected recent publications from a total of approx.</i></p> <p><i>(give total number): 24 documents</i></p> <p><i>Effendie, Adhitya Ronnie, Kariyam, Aisya Nugrafitra Murti, Marfelix Fernaldy Angsari, and Gunardi. 2022. "Classifying Insurance Reserve Period via Claim Frequency Domain Using Hawkes Process" Risks 10, no. 11: 216.</i>  <a href="https://doi.org/10.3390/risks10110216">https://doi.org/10.3390/risks10110216</a></p> <p><i>Zuhairoh F., Rosadi D., Effendie A.R. Multi-state Discrete-time Markov Chain SVIRS Model on the Spread of COVID-19 (2022) Engineering Letters, 30 (2), pp. 598 – 608</i></p> <p><i>Detailed can be found at</i>  <a href="https://www.scopus.com/authid/detail.uri?authorId=57142601200">https://www.scopus.com/authid/detail.uri?authorId=57142601200</a></p>
<p>Activities in specialist bodies over the last 5 years</p>	<p><i>None</i></p>