



STAFF HANDBOOK

Name	Nanang Dwi Ardi			
Position	Geophysics (<i>Teaching area and designation</i>)			
Academic career	<i>Initial academic appointment</i>	<i>Institution</i>	<i>Year</i>	
	Assistant Professor	Universitas Pendidikan Indonesia	2012	
	<i>Habilitation [German post-doctoral qualification] (Subject)</i>	<i>institution</i>	<i>Year</i>	
	<i>Doctorate (Subject)</i>	<i>Institution</i>	<i>Year</i>	
	<i>Master (Subject)</i>	<i>Institution</i>	<i>Year</i>	
	Geophysics	Institut Teknologi Bandung	2007-2010	
	<i>Undergraduate degree (subject)</i>	<i>Institution</i>	<i>Year</i>	
	Physics	Universitas Pendidikan Indonesia	1999-2003	
Employment	<i>Position</i>	<i>Employer</i>	<i>Year</i>	
	Lecturer	Dean	2005-Now	
Research and development projects over the last 5 years	<i>Name of project or research focus</i>			
	<i>Period and any other information</i>			
	<i>Partners, if applicable</i>			
	<i>Amount of financing</i>			
	No	Year	Title of Research Project	Financing
				Sources
				Amount (Million Rp)
	1	2017 - 2019	Integrated Resistivity Method With Photogrammetry Based on Unmanned Spatial Sensors for Mapping the Cihideung Landslide Mitigation Zone, Parongpong District, West Bandung Regency	Ministry of Research and Technology of the Republic of Indonesia
	2	2018 - 2019	Investigation of the effect of temperature and pressure on the formation of 3D fractures in geothermal rocks and their implications for geothermal reservoir production and safety factors	Ministry of Research and Technology of the Republic of Indonesia
Industry collaborations over the last 5 years	<i>Project title</i>			
	<i>Partners</i>			
Patents and proprietary rights	No.	Title	Type	Year
	1	Mass-movement Identification Photogrammetry Analyzer (MIPA ver. 1.0)	Proprietary rights	2019
Important publications	<i>Selected recent publications from a total of approx. (give total number): 17 Publication (Scopus Indexed)</i>			
	<i>Author(s)</i>			



over the last 5 years	<i>Title</i> <i>Any other information</i> <i>Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers</i>		
	No	Publication	Author (s)
	1	Mapping Landslide Potential Area using Fault Fracture Density Analysis on Unmanned Aerial Vehicle (UAV) Image IOP Conf. Ser.: Earth Environ. Sci. 145 012010	N D Ardi, M Iryanti, C P Asmoro, N Nurhayati and E Agustine
	2	Geoelectric imaging for saline water intrusion in Geopark zone of Ciletuh Bay, Indonesia J. Phys.: Conf. Ser. 1013 012185	N D Ardi, M Iryanti, C P Asmoro, A Yusuf, A N A Sundana, H Y Safura, M Fitri
	3	A meteorological study of the sea and land breezes in Bangka Indonesia during the total solar eclipse on March 9, 2016 J. Phys.: Conf. Ser. 771 012011	Ardi, N.D., Tayubi, Y.R., Gandini, R., Asmoro, C.P., Nurfiani, D., Wijaya, A.F.C., Ramalis, T.R.
	4	Application of Tomography Inversion Methods to Determine the Seismic Wave Velocity Structure (V_p , V_s , V_p/V_s) of the MEQ Data on "ALPHA" Geothermal Field Proceedings Indonesia International Geothermal Convention & Exhibition	Yayan Mi'rojul Husni, Tommy Hendriansyah, Nanang Dwi Ardi
	5	Graben Structure Identification Using Gravity Method IOP Conf. Ser.: Earth Environ. Sci. 29 012013	Lilik Hasanah, Ahmad Aminudin, Nanang D. Ardi, Agus. S. Utomo, Heru Yuwono, Kamtono, Dadan. D. Wardhana, Karit L. Gaol and Mimin Iryanti
6	Sliding zone identification of landslide area using resistivity method in Cijambe, Subang West Java AIP Conference Proceedings 1708	N D Ardi, M Iryanti	
Activities in specialist bodies over the last 5 years	Organization		
	Physical Society of Indonesia	Member	2015 - Now
	Indonesian Association of Geophysicists (HAGI)	Member of Environment and Agricultural division	2021 - Now
* <i>Membership without a specific role need not be mentioned</i>			