

Muhammad Nurul Fahmi, S.Si., M.Si.

Position	***Lecturer of geophysics in Department of Physics***		
	Degree	***University***	***Year***
Academic career	**Bachelor** at Physics	Universitas Negeri Surabaya (UNESA)-Indonesia	2015-2019
	Master at Physics	Institut Teknologi Sepuluh November (ITS)-Indonesia	2020-2021
Employment	***Position***	***Employer***	***Period***
	Lecturer in Physics Study Program	Universitas Negeri Surabaya - Indonesia	2021- now
	Assistant Professor in Physics Study Program	Universitas Negeri Surabaya, Indonesia	2019-now
Research and development projects over the last 5 years			
Patents and proprietary rights	**Title**		**Year**
	Prediction of Earthquake Rupture Directivity, Patent Number: **EC00202127040**		2021
Important publications over the last 5 years	**Articles**		Year
	Identifikasi Sesar-Palu Koro Dengan Centroid Moment Tensor (CMT) Menggunakan Inversi Waveform Tiga Komponen. Authors : **Muhammad Nurul Fahmi**, Madlazim. *Jurnal Inovasi Fisika*. Vol 8, No 2. pp. 4-10		2019
	Estimation Of Rupture Directivity, CMT And Earthquake Tsunami Parameters And Their Correlation With The Main Source Of The First Tsunami Wave, September 28, 2018. Authors : Madlazim, Tjipto Prastowo, **Muhammad Nurul Fahmi**. *Sci. Tsu. Hazard*. Vol 39, No 4. pp. 228-242. Q3/SJR 2020: 0.237		2020
	Rupture Directivity And Fault Plane Determination From Analysis Of Rupture Duration Using Broadband P-Waves Of The September 2018 Mw 7.5 Palu, Indonesia Earthquake. Authors : Madlazim, Tjipto Prastowo, **Muhammad Nurul Fahmi**. IOP Conf. Series: Materials Science and Engineering. *IOP Conf. Series: Mater. Sci. Eng*. Indexed by Scopus.		2021

	Tsunamis From Strike-Slip And Normal Earthquakes And Its Relation With The Product Of Dominant Period And Duration Of More Than 50 Seconds Of Earthquake P-Wave. Authors : Madlazim, Tjipto Prastowo, **Muhammad Nurul Fahmi**, Dyah Permata Sari, Ella Melianda, Sorja Koesuma. *Sci. Tsu. Hazard*. Vol 40, No 2. pp. 101-113. Q3/SJR 2020: 0.237		2021
	Tsunami Faulting Model Analysis For The 30 October 2020 Normal Earthquake Occurred İn Izmir-Turkey (Accepted). Authors : Madlazim, Tjipto Prastowo, **Muhammad Nurul Fahmi**, Arie Realita, Dyah Permata Sari. *Sci. Tsu. Hazard*. Vol 40, No 4. Q3/SJR 2020: 0.237		2021
	Identification of The Activated Fault Plane of The 16 June 2021 Earthquake (Mw=5.9) In The Banda Sea (Submitted). Authors : **Muhammad Nurul Fahmi**, Madlazim, Dyah Permata Sari. *Atlantis Press.*		2021
	Determination of The Rupture Directivity Using The Levenberq-Marquardt Algorithm: Case Study Philippine Earthquake (December 15, 2019 Mw 6.8) (Submitted). Authors : **Muhammad Nurul Fahmi**, Sungkono, Madlazim. *J. Phy. Conf. Ser*. Indexed by Scopus.		2021
Activities in specialist bodies	***Organization***	***Position***	***Period***