

Name	Prof. Sukir Maryanto, PhD		
Position	Professor		
Scopus ID	23089218500		
Link google scholar	https://scholar.google.com/citations?hl=en&user=kydfTOIAAAAJ		
Academic Career	Doctoral Degree	University	Year
	Earth & Planetary Sciences	Kyoto University	2007
	Master degree	University	Year
	Geophysics	Universitas Gadjah Mada	2000
	Undergraduate degree	University	Year
	Physics	Universitas Brawijaya	1995
Employment	Position	Employer	Period
	Lecturer	FMIPA	1998
Research and development projects over the last 5 years	Name of project or research focus	Funding Sources/ amount of financing (in million rupiah)	Period
	Pengembangan Seismometer Multikomponen Untuk Monitoring Kegempaan Gunungapi	INSINAS / 255	2018
	Pengembangan sistem monitoring dan eksplorasi volcano geothermal di Arjuno Welirang	PUPT / 100	2018
	Pengembangan sistem monitoring dan eksplorasi volcano geothermal di Arjuno Welirang	PUPT / 130	2017
	Strengthening Research & Education in Exploring & Monitoring of Volcanoes (Case study G. Ijen, East Java)	PEER Science Program, USAID, USA / 1,539	2015-2017
	Survei Pendahuluan Terpadu Untuk Pengembangan Model Optimasi Sistem Konversi Energi Geothermal Gunung Ijen Banyuwangi	PEKERTI / 100	2016
	Partners, if applicable		
Published Books	Title	Publisher	Year
	Diktat Seismologi	Jurusan Fisika UB	2012
	Diktat Geofisika Gunung Api	Jurusan Fisika UB	2013
	Diktat Eksplorasi Panasbumi	Jurusan Fisika UB	2015
	Seismik Vulkanologi	UB Press	2017
Industry	Project Titles	Partners	Period

collaborations over the last 5 years			
Patents and proprietary rights	Titles		Year
	Pengembangan Sensor Seismik Menggunakan Mems Accelerometer Mma73611		2018
	Teknik Reduksi Noise Pada Sensor MEMS Accelerometer MMA7361L dengan Metode Steganografi LSB (Least Significant Bit)		2018
Important publications over the last 5 years	Selected recent publications from a total of approx. (give total number): 38		
	1. (Sukir Maryanto, 2020, Geomagnetic and geochemical observations in Mt. Pandan volcano hosted geothermal area, East Java, Indonesia, AIP Conference Proceedings, 2228(1), (DOI: https://aip.scitation.org/doi/pdf/10.1063/5.0007281))		
	2. (Sukir Maryanto, 2020, Preliminary ecotourism and Edu-Techno park prospect of Cangar volcano hosted geothermal area, Arjuno-Welirang complex, East Java, Indonesia, Journal of Physics: Conference Series, 1595(1), (DOI: https://iopscience.iop.org/article/10.1088/1742-6596/1595/1/012021/pdf))		
	3. (Sukir Maryanto, 2019, Preliminary Non Linear Analysis of Seismic Events Associated with the Hydrothermal of Cangar, Batu, East Java, TEST Engineering & Management, 81, (DOI: http://www.testmagazine.biz/index.php/testmagazine/issue/view/6))		
	4. (Sukir Maryanto, 2019, Correlation Analysis of Spatial Distribution, Temporal Seismotectonics, and Return Period of Earthquakes at East Nusa Tenggara, Indonesia , International Journal of Geophysics, 2019, (DOI: https://www.hindawi.com/journals/ijge/2019/5485783/))		
	5. (Sukir Maryanto, 2019, Reservoir Magnetic Anomaly at Geothermal Area of Mount Pandan, East Java, Indonesia, International Journal of Renewable Energy Research, 9(2), (DOI: https://www.ijrer.org/ijrer/index.php/ijrer/article/view/9182))		
	6. (Sukir Maryanto, 2019, Gravity and Remote Sensing Observations of Blawan-Ijen Volcano Hosted Geothermal Field, East Java, Indonesia, Journal of Mountain Science (Scopus Q2), , (DOI:))		
	7. (Sukir Maryanto, 2019, 3D Vertical Electrical Sounding (VES) at Mount Pandan Hot Springs Area, East Java, Indonesia, International Journal of Innovative Science, Engineering & Technology, IJSET, 6(5): 4, (DOI: http://ijset.com/vol6/v6s5/IJSET_V6_I5_04.pdf))		
	8. (Sukir Maryanto, 2019, Spatio-Temporal Change of Land Surface Temperature at Tiris Geothermal Potential Area, East Java, Indonesia, Pakistan Journal of Geology, 3(1), (DOI: https://doi.org/10.2478/pjg-2019-0002))		

	<p>9. (Sukir Maryanto, 2019, Geochemical Analysis of Mount Pandan Geothermal Area In East Java Indonesia, - International Journal of Innovative Science, Engineering & Technology, IJASET , 6(3), (DOI: http://ijiset.com/vol6/v6s3/IJASET_V6_I3_19.pdf))</p>
	<p>10. (Sukir Maryanto, 2019, Imaging the Velocity Structure of Rayleigh Wave in Sulawesi Island Using Ambient Noise Tomography, International Journal of Advances in Scientific Research and Engineering-IJASRE, 5(1), (DOI: https://ijasre.net/uploads/2/3856_pdf.pdf))</p>
	<p>11. (Sukir Maryanto, 2019, Spatio-Temporal Changes on Spectra of Hydrothermal System at Arjuno-Welirang Volcano Complex, Indonesia, Journal of Research in Environmental and Earth Sciences, 5(1): 10-15, (DOI: http://questjournals.org/jrees/papers/vol5-issue1/B05011015.pdf))</p>
	<p>12. (Sukir Maryanto, 2019, Interpretation of Subsurface Structure to Determine The Geothermal System Based on Gravitation Data From Mount Pandan, East Java Indonesia, Journal of Research in Environmental and Earth Sciences, 5(1): 1-9, (DOI: http://questjournals.org/jrees/papers/vol5-issue1/A05010109.pdf))</p>
	<p>13. (Sukir Maryanto, 2018, Magnetic Method Used in Geothermal Reservoirs Identification in Kasinan-Songgoriti, East Java, Indonesia, Environmental and Earth Sciences Research Journal, 5(4): 87-93, (DOI: http://www.iieta.org/sites/default/files/Journals/EESRJ/05.04_02.pdf))</p>
	<p>14. (Sukir Maryanto, 2018, Identification of Reservoir Thickness of Ijen (Geothermal Prospect Area, Indonesia) Using Resistivity Method With Schlumberger Configuration, International Journal of GEOMATE (Scopus Q3), 15(52): 68-75, (DOI: http://www.geomatejournal.com/sites/default/files/articles/68-75-42716-Afandi-Dec-2018-52-g1.pdf))</p>
	<p>15. (Sukir Maryanto, 2018, Microseismicity Recorded at Cangar, Arjuno-Welirang Volcano Hosted Geothermal Complex, Batu City, East Java, Indonesia, ICGRC, 2019(1), (DOI: https://aip.scitation.org/doi/pdf/10.1063/1.5061870))</p>
	<p>16. (Sukir Maryanto, 2018, Preliminary investigations of Volcano Hosted Geothermal area at Kasinan-Songgoriti-Cangar, Batu City, based on Gravity-Seismic Methods, BASIC , 2021(1), (DOI: https://aip.scitation.org/doi/pdf/10.1063/1.5062760))</p>
	<p>17. (Sukir Maryanto, 2018, Implementation of Town Watching and Development of Observatory for Community Education in Volcano Hazard Mitigation (study case at Kelud and Arjuno-Welirang volcanoes, East Java, Indonesia), ACM ICFET , , (DOI: https://dl.acm.org/purchase.cfm?id=3233349))</p>
	<p>18. (Sukir Maryanto, 2018, Development of Seismic Data Acquisition Based on MEMS Accelerometer MMA7361L, International Journal of Applied Engineering Research, 13(10): 7926-7931, (DOI: https://doi.org/10.17973/IJARE.131079267931))</p>

	https://www.ripublication.com/ijaer18/ijaerv13n10_89.pdf)
	19. (Sukir Maryanto, 2018, Integrasi Pengembangan Techno Park dan Mitigasi Bencana Daerah Volcano Hosted Geothermal Berbasis Metode Seismik, Journal of Physical Science and Engineering (JPSE), 3(1), (DOI: http://journal2.um.ac.id/index.php/jpse/article/view/2639/2173))
	20. (Sukir Maryanto, 2018, Microseismicity of Blawan Hydrothermal Complex, Bondowoso, East Java, Indonesia, Journal of Physics: Conference Series, IOP , 997, (DOI: http://iopscience.iop.org/article/10.1088/1742-6596/997/1/012019/pdf))
	21. (Sukir Maryanto, 2018, Ambient Noise Tomography for Determining the Velocity Model of Rayleigh Wave in Java Island, Indonesia, SSRG International Journal of Applied Physics (SSRG-IJAP), 5(1), (DOI: http://www.internationaljournalssrg.org/IJAP/2018/Volume5-Issue1/IJAP-V5I1P103.pdf))
	22. (Sukir Maryanto, 2018, Preliminary Study: Density Layer Values Estimation of Volcano Hosted Geothermal Area at Tiris Village, Probolinggo Regency, East Java, Indonesia, International Journal of Applied Engineering and Research (Scopus Q3), 13(6): 4385-4390, (DOI: https://www.ripublication.com/ijaer18/ijaerv13n6_168.pdf))
	23. (Sukir Maryanto, 2017, Determination of The Direction Of Hot Fluid Flow In Cangar Area, Arjuno-Welirang Volcano Complex, East Java Using Self Potential Method, Jurnal Penelitian Fisika dan Aplikasinya (JPFA) , 7(2), (DOI: http://dx.doi.org/10.26740/jpfa.v7n2.p123-132))
	24. (Sukir Maryanto, 2017, Geo Techno Park Potential at Arjuno-Welirang Volcano Hosted Geothermal Area, Batu, East Java, Indonesia (Multi Geophysical Approach), AIP Proceeding Scopus indexed (ICGRC), 1908: 030012, (DOI: https://doi.org/10.1063/1.5012712))
	25. (Sukir Maryanto, 2017, Polarization Of Volcanic Tremor Recorded At Bromo Volcano, East Java, Indonesia, International Journal of Applied Environmental Sciences (Scopus Q4), 12(11): 1993-2005, (DOI: https://www.ripublication.com/ijaes17/ijaesv12n11_11.pdf))
	26. (Sukir Maryanto, 2017, Temporal Changes of Complete Bougeuer Anomalies At Bromo Volcano, East Java, Indonesia, International Journal of Applied Engineering and Research (Scopus Q3), 12(21): 10867-10873, (DOI: https://www.ripublication.com/ijaer17/ijaerv12n21_48.pdf))
	27. (Sukir Maryanto, 2017, Magnetotelluric-Geochemistry Investigations of Blawan Geothermal Field, East Java, Indonesia, Geosciences (Scopus Q2), 7(2): 41, (DOI: 10.3390/geosciences7020041))
	28. (Sukir Maryanto, 2017, Interpretation of Natural Water (Sediments) Depth Patterns around the River Banyuputih Situbondo East Java with Method Geoelectric Resistivity Sounding, Resources and Environment, 7(1), (DOI: 10.5923/j.re.20170701.01))
	29. (Sukir Maryanto, 2017, Interpretation Capacity of Natural Waters

	(Sediments) and Depth at Belawan Kaligedang around Ijen Mount with Geoelectric Methods Resistivity Mapping and Metal Content (Fe, Pb) of Natural Waters, American Journal of Environmental Engineering., 7(1), (DOI: 10.5923/j.ajee.20170701.02))
	30. (Sukir Maryanto, 2017, A simple and low-cost data acquisition system with multi-nodes facility for geophone array sensors , International Journal of Applied Engineering Research, 12(10), (DOI: https://www.ripublication.com/Volume/ijaerv12n10.htm))
	31. (Sukir Maryanto, 2017, New insights into Kawah Ijen's volcanic system from the wet volcano workshop experiment, Geological Society, London, first published on February 25, 2016, doi:10.1144/SP437.7, 437, (DOI: http://sp.lyellcollection.org/content/early/2016/02/24/SP437.7))
	32. (Sukir Maryanto, 2017, Hypocenter Determination And Clustering Of Volcano-Tectonic Earthquakes In Gede Volcano 2015, Jurnal Neutrino, 9(3): 46-52, (DOI: https://www.researchgate.net/publication/318706655_HYPOCENTER_DETERMINATION_AND_CLUSTERING_OF_VOLCANO-TECTONIC_EARTHQUAKES_IN_GEDE_VOLCANO_2015))
	33. (Sukir Maryanto, 2017, Penentuan Sebaran Suhu Permukaan Tanah Daerah Prospek Panasbumi Kawah Wurung - Ijen, Kabupaten Bondowoso - Banyuwangi Jawa Timur Dengan Menggunakan Metode Penginderaan Jauh, Natural B, 4(1), (DOI: http://natural-b.ub.ac.id/index.php/natural-b/article/view/381))
	34. (Sukir Maryanto, 2017, Pemetaan Suhu Permukaan Tanah Pada Komplek Kawah Wurung-Ijen, Kabupaten Bondowoso, Jawa Timur Dalam Penentuan Manifestasi Panas Bumi, Natural B, 4(1), (DOI: http://natural-b.ub.ac.id/index.php/natural-b/article/view/390))
	35. (Sukir Maryanto, 2017, Analisis Spektral Dan Waveform Cross Correlation Tremor Vulkanik Gunungapi Bromo Jawa Timur Pada Letusan Tahun 2016, Natural B, 4(1), (DOI: http://natural-b.ub.ac.id/index.php/natural-b/article/view/388))
	36. (Sukir Maryanto, 2016, Identifikasi Struktur Geologi Dan Pengaruhnya Terhadap Suhu Permukaan Tanah Berdasarkan Data Landsat 8 Di Lapangan Panasbumi Blawan, Jurnal Penginderaan Jauh, 13(1), (DOI: http://repository.lapan.go.id/index.php?p=show_detail&id=843))
	37. (Sukir Maryanto, 2016, Integrated Resistivity and Ground Penetrating Radar Observations of Underground Seepage of Hot Water at Blawan-Ijen Geothermal Field, International Journal of Geophysics (Scopus Q2), 2016, (DOI: https://www.hindawi.com/journals/ijge/2016/6034740/))
	38. (Sukir Maryanto, 2016, Interpretation of Bouguer Anomaly To Determine Fault And Subsurface Structure At Blawan-Ijen Geothermal Area, Jurnal Neutrino, 9(1): 1-9, (DOI: http://ejournal.uin-malang.ac.id/index.php/NEUTRINO/article/viewFile/3664/5401))

Activities in specialist bodies over the last 5 years	Organization	Role	Period