

Dr. Eko Hariyono, S.Pd., M.Pd.

Position	Lecturer of Earth and Space Science, Geophysics, Innovative Learning, and Curriculum Physics Analysis		
	Associate Professor in Science Education since 2014		
	Degree	University	Year
	Gradute program at Department of Physics Education (S-1 Program)	State University of Surabaya (IKIP Surabaya) Indonesia	1993-1997
	Postgraduate Program in Science Education (Master program)	State University of Surabaya (Unesa) Indonesia	1999-2002
	Doctorate program in Science Education	Indonesia University of Education	2014-2018
Employment	Unesa's Institution		
	Position	Employer	Periode
	Associate Professor on Physics Education	Unesa, Indonesia	2014-Now
	Head of Science Education Study Program	Postgraduate Program, Unesa	2019-Now
Research and Development project over the last 5 Years	**2019**: Capability development to resolve various earth problems through reconstruction of sustainable geoscience learning designs IDR 70,300,000 (Head) **2018:** Optimizing of volcanic data to communicate changes in volcanic eruption behaviour in Indonesia, IDR 50,000,000 (Head) **2017**: Development of Volcanic Simulation Model as a Virtual Media to Improve Prediction Skills of Prospective Physics Teacher Students, IDR 55,000,000 (Head) **2013:** Development of a science curriculum that integrates mitigation and disaster response attitudes for elementary schools in the East Java coastal area, IDR 91,000,000 (Head)		
Patent and Proprietary Right	**Tittle**		**Year**
	Eko Hariyono, VLP (Volcano Learning Project) HaKI C00201701510		2016, valid for 50 years from the public.
Potential Articles over last 5 years	*Joko Tingkir Program for Estimating Tsunami potential rapidly*. 1617/57. AIP Conference Proceedings 1617, 57; doi: 10.1063/1.4897103.		2014
	Implementations of science curriculum models for elementary		2015

	schools with integration mitigation and disaster management for students at coastal area of East Java 3/2 International Journal of Education and Research, Contemporary Research Center, Australia. ISSN: 2201-6333 (print); 2201-6740 (online). Accessed from: http://www.ijern.com/journal/2015/February-2015/13.pdf.	
	Volcanic eruption crisis and the challenges of geoscience education in Indonesia. 1708/080004 AIP Conference Proceedings 1708, 080004; doi: 10.1063/1.4941190.	2016
	VLP Simulation: An Interactive Simple Virtual Model to Encourage Geoscience Skill about Volcano. Vol. 895, conference 1. Journal of Physics: Conference Series.	2017
	Strengthening Geoscience Conception and Research Skills Trough Fieldwork. Vol 1. Atlantis Highlight in Engineering (AHE) Vol 1. (495-499).	2018
	Designing Geoscience Learning for Sustainable Development: A Professional Competency Assessment for Postgraduate Students in Science Education Program. Vol. 8 Issue 2. Jurnal Peneltian Fisika dan Aplikasinya.	2018
	E Hariyono, T Prastowo and M Hartati. 2020. Physics Student's Research Skills Performance: A Field-Based Approach in Geoscience Learning. Journal of Physics: Conference Series Vol 1491. https://iopscience.iop.org/article/10.1088/1742-6596/1491/1/012003	2020
	E N Abidin and E Hariyono. 2020. Ecopreneurship-Oriented Project-Based Learning (PBL): An Approach to Enhance Students' Problem-Solving Skill. Journal of Physics: Conference Series Vol 1491. https://iopscience.iop.org/article/10.1088/1742-6596/1491/1/012025	2020
	Anggrayni, E Hariyono and Madlazim. 2020. The Students' Voice of Volcanology in Education for Sustainable Development Context. Journal of Physics: Conference Series Vol 1491. https://iopscience.iop.org/article/10.1088/1742-6596/1491/1/012032	2020

	Organization	*Position*	*Period*
Professional Organization	Education for Sustainable Development	Member	2017 - Now
	Himpunan Fisika Indonesia	Member	2002 - Now
	Ikatan Pendidik IPA Indonesia	Staff	2019 - Now