

Name	Dr. Eng. Guruh Samodra, M.Sc.
Position	Lecturer in Faculty of Geography Universitas Gadjah Mada Speciality: Geomorphology, Landslide, Disaster
Academic career	1. Doctorate in Environmental System Engineering (Faculty of Engineering Kyushu University, 2014) 2. Graduate in Coastal and Watershed Management and Planning, Faculty of Geography (Universitas Gadjah Mada, 2010) 3. Undergraduate in Environmental Geography (Universitas Gadjah Mada, 2008)
Employment	-
Research and development projects over the last 5 years	1. Pemetaan Partisipatif Longsor Sebagai Alternatif Pembuatan Basis Data Inventaris Longsor di Indonesia (2013) 2. Aplikasi Geomorfometri untuk Pemetaan Geomorfologi Longsor Menggunakan Data Tanem-X Interferometri (2015) 3. Penyusunan Strategi Pengembangan Wilayah Berbasis Pengelolaan Multi Rawan Bencana Erosi, Longsor, dan Kekeringan di Sub DAS Jebol Kabupaten Magelang (2015) 4. Penyusunan Kajian dan Peta Risiko Bencana Kabupaten Gunungkidul (2016) 5. Penyusunan Peta Rawan Bencana di Kabupaten Jepara (2016) 6. Pembuatan Prototype Peta Inventariisasi Longsor Partisipatif Berbasis Web (2016) 7. Pemantauan Deformasi Post Failure Longsor Menggunakan Data Time Series Fotografi UAV (2017) 8. Pemetaan Daerah Rawan Bencana Pada Badan Penanggulangan Bencana Daerah Kabupaten Morowali Utara (2017)
Industry collaborations over the last 5 years	-
Patents and proprietary rights	-
Important publications over the last 5 years	1. Samodra, G., Chen, G., Sartohadi, J., Zheng, L., Zhang, Y. B., Kasama, K., Hadmoko, D. S. 2013. Combining GIS and DDA for preliminary rockfall risk assessment in Gunung Kelir area Yogyakarta Indonesia. In Chen, G., Ohnishi, Y., Zheng, L., Sasaki, T. (Eds): Frontiers of Discontinuous Numerical Methods and Practical Simulation in Engineering and Disaster Prevention. Taylor and Francis Group, London. pp. 301-306. 2. Samodra, G., Chen, G., Sartohadi, J., Kasama, K. 2014. Rockfall Hazard Assessment in Gunung Kelir Area Yogyakarta Indonesia. Memoirs of the Faculty of Engineering, Kyushu University. vol. 74, No. 2 pp. 37-51. 3. Samodra, G., Chen, G., Sartohadi, J., Hadmoko, D. S., Kasama, K. 2014. Automated Landform Classification in a Rockfall Prone Area, Gunung Kelir Java. Earth Surface Dynamic, Vol 2, 339-348.

	4. Samodra, G., Chen, G., Sartohadi, J., Kasama, K. 2015. Generating landslide inventory using participatory mapping: an example in Purwosari Area, Yogyakarta, Java. <i>Geomorphology</i>. doi: 10.1016/j.geomorph.2015.07.035. 5. Samodra, G., Chen, G., Sartohadi, J., Hadmoko, D. S., Kasama, K. 2016. Rockfall susceptibility zoning based on back analysis of rockfall deposits inventory in Gunung Kelir, Java. <i>Landslides</i>. doi:10.1007/s10346-016-0713-7. 6. Samodra, G., Chen, G., Sartohadi, J., Kasama, K. 2017. Comparing data-driven landslide susceptibility models based on participatory landslide inventory mapping. <i>Environmental Earth Science</i> 76:184. doi: 10.1007/s12665-017-6475-2. 7. Samodra, G., Hadmoko, D. S., Wicaksono, G. S., Adi, I. P., Yudinugroho, M., Wibowo, S. B., Suryatmojo, H., Purwanto, T. H., Widartono, B. S., Lavigne, F. 2018. The March 25 and 29, 2016 landslide-induced debris flow at Clapar, Banjarnegara, Central Java. <i>Landslides</i>. 15: 985. doi.org/10.1007/s10346-018-0958-4.
Activities in specialist bodies over the last 5 years	-