

Name	Dr.rer.nat. Muhammad Anggri Setiawan, M.Si.
Position	Lecturer in Faculty of Geography Universitas Gadjah Mada Speciality: Geomorphology, Soil, Conservation
Academic career	1. Doctorate in Institute of Geography (University of Innsbruck, 2012) 2. Graduate in Geo-information for Disaster Management and Spatial Planning (Universitas Gadjah Mada, 2007) 3. Undergraduate in Physical Geography, Faculty of Geography (Universitas Gadjah Mada, 2005)
Employment	-
Research and development projects over the last 5 years	1. Soil erosion mitigation and adaptation using sustainable ecosystem approach (2013) 2. Evacuation route model for Merapi Volcano pyroclastic hazard (2014) 3. SWAT model application for monitoring Serang Watershed. Watershed and Protected Forest Management (BPDASHL) Serayu Opak Progo (2014) 4. Economical improvement of Srunggo Community through gasifier stove, Selopamioro Sub District, Bantul District (2014) 5. SWAT model application for monitoring Comal Watershed (2014) 6. Revitalizing morpho-conservation map for erosion and landslide prone area in Bompon Catchment, Salaman Sub-district, Magelang (2015) 7. SWAT model application for monitoring Upper Konto Watershed. Watershed and Protected Forest Management (BPDASHL) Brantas Sampeyan (2015) 8. SWAT model application for monitoring Merawu and Klawing Watershed. Watershed and Protected Forest Management (BPDASHL) SOP dan Fakultas Geografi (2015) 9. GIS application for crop calendar management in Ngawen Sub-district (2015) 10. Industiral initiation for cocomesh production on household level as agricultural land conservation in Kejajar Sub-district, Wonosobo District (2015) 11. Application of <i>SIPENDIL (Sistem Peringatan Dini Longsor)</i> landslide early warning system in Wonosobo District (2015) 12. Terrace rehabilitation using JALAPA (Jala Sabut Kelapa) / Cocomesh in Upper Serayu Watershed. Cooperation with BPDAS SOP (2015) 13. SWAT model application for monitoring Baturusa Watershed. Watershed and Protected Forest Management (BPDASHL) Baturusa Baturusa Cerucuk Bangka (2016) 14. SWAT model application for monitoring MUSI Watershed. Watershed and Protected Forest Management Agency (BPDASHL) Musi (2016) 15. Evaluation of mineral resource balance in DIY Province. Ministry of Energy and Mineral Resource (2016)

	16. TRANSBULENT EDUCATION SCHOOL (TES) for developing contextual learning program in MTS Al Iman Margoyoso, Salaman, Magelang. <i>Education for Sustainable Development</i> grant (2016) 17. Capacity Improvement of Karangobar Village towards “Desa Tangguh Bencana”, Banjarnegara District (2016) 18. Restoration of Upper Stream Citarum Watershed. Cooperation with Research and Development Agency, Ministry of Public Work and Civil Settlement (2016-2017) 19. Developing a method for Morphometry mapping. Cooperation with Geospatial Information Agency (BIG) (2017) 20. Water management for peat land conservation at Kebun Raya Sriwijaya, Palembang. Cooperation with Watershed and Protected Forest Management Agency (BPDASHL) Musi (2017) 21. Watershed Monitoring using SWAT Model in Lematang Sub-watershed – BPDAS HL Musi (2017)
Industry collaborations over the last 5 years	-
Patents and proprietary rights	-
Important publications over the last 5 years	1. Setiawan, M.A. and Sartohadi, J. 2012. Implementing the geographical approach in soil erosion studies. Proceeding of PIT IGI conference: UNS SOLO. 2. Rusdimi, A.U., Rosidi, M. and Setiawan, M.A. 2013. Land Degradation Symptoms in the Upper Part of Serayu Watershed and its Solution Based on the Local Wisdom Perspective. ECO-DRR Proceeding: Fakultas Geografi UGM. 3. Setiawan, M.A. Sartohadi, J., Mardiatno, D., Marfai, M.A. Hadmoko, D.S. 2013. Revealing the Soil Erosion Risk Management in Indonesia. ECO-DRR Proceeding: Fakultas Geografi UGM. 4. Setiawan M. A., Rutzinger M., Wichmann V., Stoetter J., Sartohadi J. 2013. Evaluation of methods for digital elevation model interpolation of tillage systems. Journal of Natural Resources and Development. http://jnrd.info/2013/12/evaluation-of-methods-for-digital-elevation-model-interpolation-of-tillage-systems/ 5. Sunarto, M. A. Marfai, M. A. Setiawan. 2014. Geomorfologi dan Dinamika Pesisir Jepara. Gadjah Mada University Press. Yogyakarta. 6. N. Christanto, M. A. Setiawan, N. A. Sakti, Y. Jiwaningrat, A. Widicahyono, A. Yunani, C. N. Widiyati., Perencanaan Konservasi dan Monitoring Respon DAS Serang dengan Model SWAT. Proceeding Seminar UMS 2015. 7. P. Kiky dan M. A. Setiawan. Analisis Multi-skala Kerawanan Banjir Bandang dengan Menggunakan Pendekatan Geomorfologi di DAS Juwana, Provinsi Jawa Tengah. Proceeding Seminar UMS 2015.

	8. M. A. Setiawan, E. A. Waspadi, G. Zulqisthi. 2015. Upaya Mitigasi Pengurangan Laju Erosi Tanah di Sebagian Wilayah Dieng, Kabupaten Wonosobo. Proceeding Seminar UMS 2015. 9. Sunarto, Muh Aris Marfai, Muhammad Anggri Setiawan. 2014. Geomorfologi dan Dinamika Pesisir Jepara. Gadjah Mada University Press. Yogyakarta. 10. Anang Widicahyono, Muhammad Anggri Setiawan, Nugroho Christanto. 2015. Bunga Rampai Kegiatan Quick Win DAS Serayu 2015. Badan Percetakan Fakultas Geografi. Yogyakarta. 11. Muhammad Anggri Setiawan, Futuha Helen Sara, Nugroho Christanto, Junun Sartohadi, Guruh Samodra, Anang Widicahyono, Christanti Nana Widiyati, Elna Multi Astuti, Garry Kusuma Martha, Rizal Faozi Malik, Ahmad Priyo Sambodo, Rusma Prima Rokhmaningtyas, Galih Aries Swastanto, and Christoper Gomez. 2017. Sustainability of three modified soil conservation methods in agriculture area. IOP Proceeding Conference: ICERM 2017. 12. Widicahyono, S.A. Awang, A. Maryudi, M.A. Setiawan, A.U. Rusdimi, D. Handoko, R.A. Muhammad. Achieving A Sustainable Use of Environment: A Framework for Payment for Protected Forest Ecosystem Service. IOP Proceeding Conference: ICERM 2017.
Activities in specialist bodies over the last 5 years	-