

TEACHING AREA

BIOGRAPHY



Name	Dr. Eko Budiyanto, M.Si.
NIDN	0004026506
Home base	S2 Pendidikan Geografi

Position As
Geographic Information Systems, Remote Sensing

RECORDING DATA:

Educational History/Academic Carier

Jenjang Pendidikan	University	Year
S1 Geography Education	Universitas Negeri Yogyakarta	1993 - 1998
S2 Remote Sensing	Universitas Gadjah Mada	1999 - 2003
S3 Geography	Universitas Gadjah Mada	2011 - 2018

Employment

Position	Employer at	Period
Lecture of S1 Geography Education	Faculty of Social Sciences and Law	2006 - now

Research History

Year	Title
2013	The Relationship of Land Characteristics with the Potential Content of Carbon Dioxide in Underground River Water in the Gunungsewu Karst Landform
2017	Karst Desertification Index Based on Landsat 8 OLI Imagery (Case Study of Maros Karst Pangkep South Sulawesi)
2018	Development of Webgis-based Karst Groundwater Pollution Information and Early Warning System Prototype
2019	Development of advanced GIS teaching materials based on virtual learning (vi-learning)
2019	The level of vulnerability and risk of the eastern Gunungsewu karst area to the danger of underground water pollution
2021	Development of IOT-based Smart Water Quality Monitoring and Management System

History of Community Service

Year	Community Service Activities
2017	GIS and PJ Learning Training for MGMP Geography teachers of East Java Province
2018	Mapping learning training for metakoqnisi development for geography teachers
2019	Preparation of data documents on the potential of natural resources in efforts to develop new renewable energy in Ngawi Regency
2019	Socialization of karst groundwater protection efforts in Genjahan hamlet, Genjahan village, Ponjong district, Gunungkidul Regency
2021	Socialization of Smart Water Quality Monitoring and Management System

Teaching History

Nama Mata Kuliah	SKS	Program Studi	Periode
Applied Remote Sensing	2	S1 Geography Education	2009 - 2021
Geography Learning Media	2	S1 Geography Education	2019
Produksi Media Pemb. Geo	2	S1 Geography Education	2016
Advanced Geographic Information System (GIS)	2	S1 Geography Education	2015 - 2021
GIS Basic Analysis	2	S1 Geography Education	2017 - 2021
KKL Geografi manusia	2	S1 Geography Education	2019
KKL Geografi fisik	2	S1 Geography Education	2018
Managemen data spasial	2	S1 Geography Education	2019 - 2020
Geografi Lingkungan dan SDA	2	S1 Geography Education	2018 - 2019
Sains Informasi Geografis Untuk Pewilayahan (S2)	2	S2 Geography Education	2018 - 2021
Sains Informasi Geografis Untuk Pengajaran (S2)	2	S2 Geography Education	2018 - 2021
Bahasa Inggris	2	S1 Geography Education	2016 - 2018
Geomorfologi Umum	2	S1 Geography Education	2021
Filsafat Ilmu	2	S1 Geography Education	2018
Ilmu Ukur Tanah	2	S1 Geography Education	2016 - 2021

Scientific Publications/Journals

Publication References	Year
Karakteristik Morfologi Cekungan Karst Gunungsewu Malalui Data Gdem Aster	2014
Peran Teknologi Penginderaan Jauh Untuk Kajian Desertifikasi Batuan Karst	2015
Keterkaitan Kondisi Fitur Permukaan Karst Yang Diperoleh Dari Data Citra Penginderaan Jauh Dengan Kualitas Air Bawah Tanah Di Gunungsewu Bagian Barat	2016
Utilization of Karst Water Resources by Residents in the Gremeng Cave Spring	2019

Publication References	Year
Karst Groundwater Vulnerability and Risk to Pollution Hazard in the Eastern Part of Gunungsewu Karst Area	2020
Pengembangan prototipe sistem monitoring kualitas air tanah karst	2021
Differences in the Amount of Karst Groundwater Use Based on Education Level and Availability of Other Water Sources as Well as Seasonal Factors	2021
Characteristics and Water Usage Pattern of Karst groundwater User Communities of “Spamdus Genjahan” in Wonosari Basin	2021
Sistem Informasi Geografis Menggunakan Quantum GIS	2016
Peta dan Perpetaan	2018
Penginderaan Jauh	2018
Sistem Informasi Geografis	2018
Pemanfaatan PJ dan SIG dalam Pembangunan	2018
Pemetaan Sebagai Keterampilan Geografis Pada Era Industri 4.0	2019
Penginderaan Jauh dan SIG untuk Pengolahan Data Geografi	2019
Pemanfaatan Penginderaan Jauh dan Sistem Informasi Geografis untuk Pengelolaan Sumberdaya, Mitigasi, dan Pembangunan Wilayah	2019
Modul Pendalaman Materi : Pemanfaatan Penginderaan Jauh dan Sistem Informasi Geografis untuk Tata Guna Lahan dan Perkotaan	2019

Professional Organization

Professional Organization	Position	Period
Indonesian Geographical Association	Member	During active lecturers