



The Development of Geography Educational Graduate Universitas Negeri Surabaya

Content :

1. Visi, Misi, Keunggulan
2. Profil Lulusan
3. Pengembangan Kurikulum
4. Perubahan Kurikulum
5. Konversi Mata Kuliah
6. Penjaminan Mutu
7. Rencana Pembelajaran
8. Project Base Learning
9. Case Study
10. Assessment
11. Skripsi
12. Pembelajaran Online
13. Kerjasama Akademik Internasional
14. Penelitian
15. PKM
16. Mahasiswa
17. SDM
18. Beasiswa





Vision

Excellence
University
Governance



2011-2015

Recognized
National
Teaching
University



2016-2020

Recognized
Regional
Teaching
University



2021-2025

Recognized
National
Research
University



2026-2030

Recognized
International
Research
University



2031-2035

- Recognition of innovative learning models at the regional level
- Strengthening Research-Based Learning with character insight at the regional level
- Recognized intellectual property right and scientific research with international reputation



Geography study
program
accreditation
certificate
2022 - 2027

Developing innovative Geography education and learning with a geographic approach in the context of urban studies based on science and technology with a global perspective



University
development
guidebook

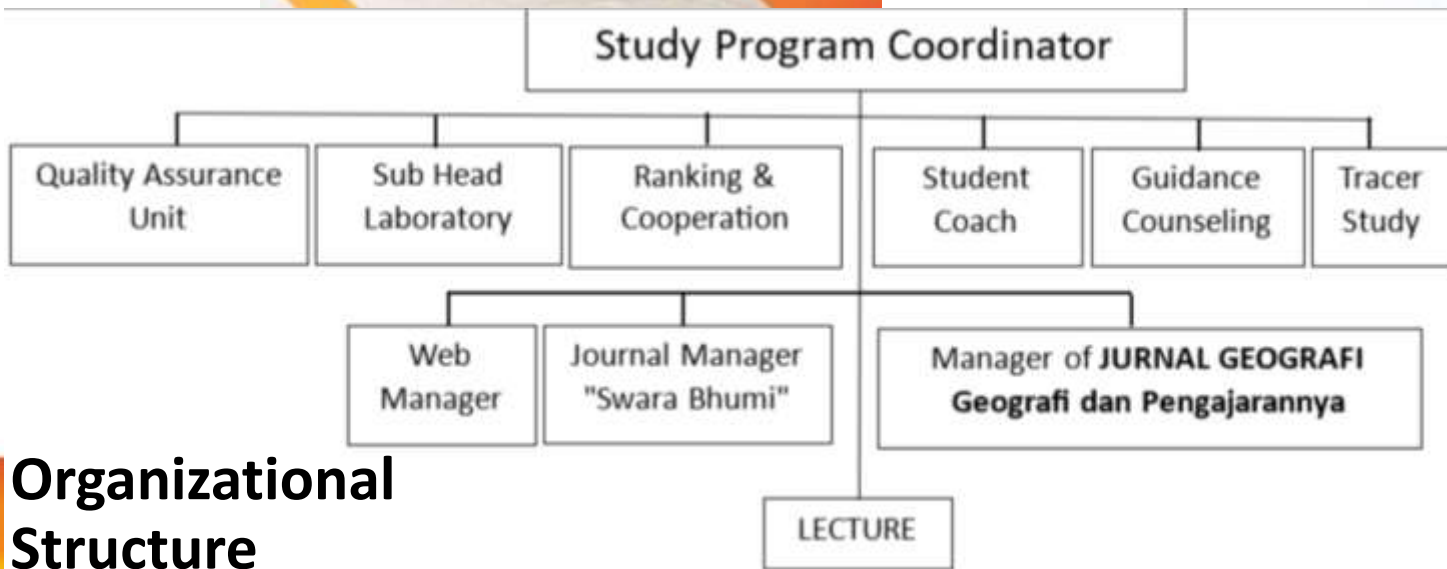


Superiority

1. Geography education innovation
2. Urban material development
3. Development of geographic technology material

Missions

1. Organizing innovative Geography education and learning activities.
2. Carry out research that develops education and learning in innovative Geography.
3. Carry out community service activities that develop innovative geography education and learning.
4. Building collaboration and networking





Graduate Profile

1. Potential Teacher

Implementers who are responsible for the education process in schools, with the work ability possessed, namely able to plan and implement learning in the field of geography education.

Supporting competencies :

1. Able to apply the dynamics of education and learning policies
2. Able to solve educational problems related to the dynamics of community life in the context of geography in a certain regional environment
3. Mastering education and learning issues in carrying out their roles and responsibilities in the classroom and school

2. Geography Practitioner

The executor who is responsible for the work of collecting and analyzing geographic data

Supporting competence:

1. Able to collect geographic data
2. Able to analyze geographic data
3. Able to apply geographic technology

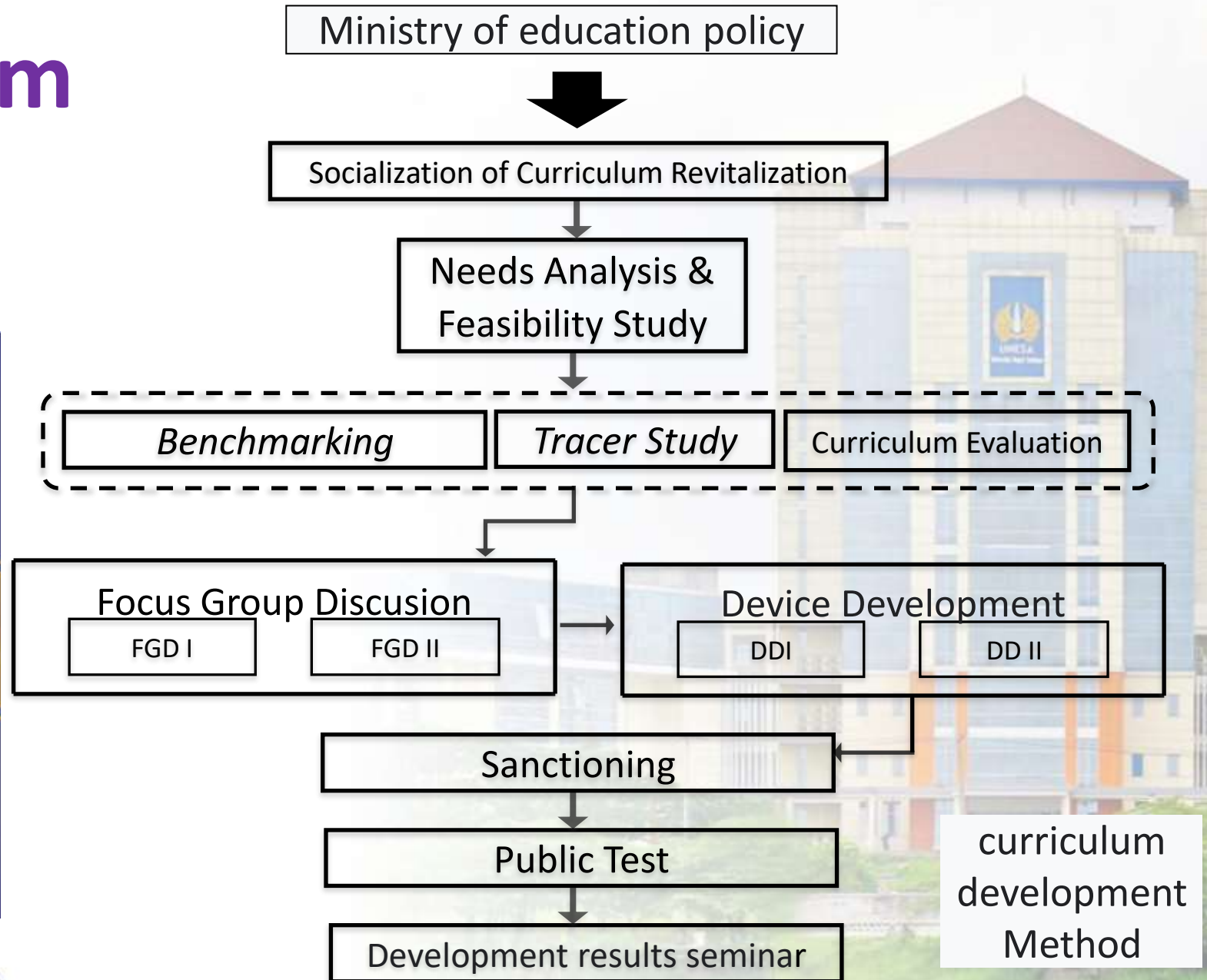


Curriculum



curriculum
development
guidebook

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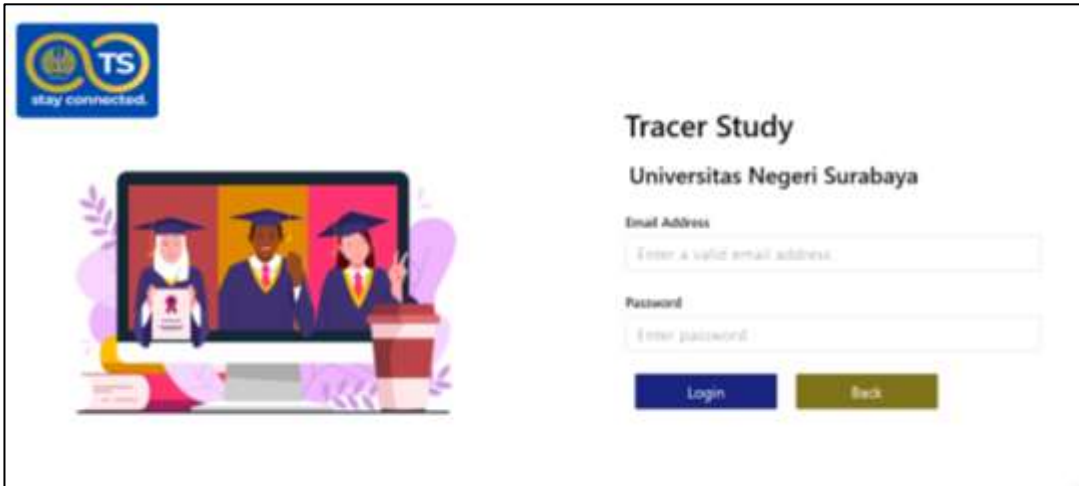


curriculum
development
Method



Curriculum Revitalization 2020

WEB → tracerstudy.unesa.ac.id



www.unesa.ac.id



1. Needs Analysis & Feasibility Study (early 2020)

2. Tracer Study & User Survey → goal :

- Educational outcomes** → conformity with work needs
- Educational output** → self-assessment of mastery and competence
- Process education** → evaluation of the learning process and contribution in acquiring competency
- Educational input** → further information on the sociogeography of graduates

3. Curriculum Evaluation

Dr. Pepen Arifin (ITB Physics) → OBE Curriculum Workshop (OUTCOME BASE EDUCATION) → (April 2020)

SEMINAR

KURIKULUM MERDEKA BELAJAR KAMPUS MERDEKA

Jurusan Pendidikan Geografi – Fakultas Ilmu Sosial dan Hukum – UNESA

Prof. Dr. Nurhasan, M.Kes
Rektor UNESA

Dr. Totok Suyanto, M.Pd.
Dekan FISH - UNESA

Wiwik Sri Utami, M.P.
Ketua CoE MBKM Prodi Geografi – Ketua BPM UNESA
Kurikulum Merdeka Belajar Pendidikan Geografi UNESA

Agus Tri Ismanto, S.E.
CEO PT. Redision Indonesia
Kewirausahaan dalam Merdeka Belajar

Dr. Ir. Artiningsih, M.Si.
Departemen Perencanaan Wilayah dan Kota – FT- UNDIP
Pertukaran pelajar dalam Merdeka Belajar

Ir. Sugeng Prijadi, M.App.Sc.
Widyaiswara Ahli Utama, Badan Informasi Geospasial
Magang keahlian informasi geospasial dalam Merdeka Belajar

Ir. Heru Suseno, S.TP, M.T.
Kabid Bina Pemerintahan Desa - DPMD Jatim
Proyek Desa dalam Merdeka Belajar

ZOOM Meeting
Meeting ID: 999 1200 7777
Passcode: 351179

Informasi : Nugroho H.P. (08179404647)

Curriculum Revitalization 2020

4. Benchmarking

- Professional Association of Indonesian Geography Educators (P3GI) → Development of Independent Curriculum for Geography Education Study Program (9 June 2020)**
 - Free Curriculum for Independent Learning Campus Unnes (**Prof. Dr. Juhadi, M.Sc**)
 - Implementation of the Independent Curriculum Transdisciplinary Curriculum at UM (**Prof. Dr. Sumarmi, M.Pd**)

5. Sanctioning

Dr. Ir. Syamsul Arifin, MT (ITS Chemistry) → Free Campus Learning Free Curriculum Workshop → (July 22, 2020)



6. Development Result conference → Sep 5, 2020



World Megatrends 2045

- ☐ World Urbanization
- ☐ Global Demographics
- ☐ Natural Resource Competition
- ☐ Climate change
- ☐ Geopolitical Change
- ☐ Information Science Technology

The results of curriculum development
as the superior geography of Unesa :

- ☐ **Geography Education**
- ☐ **Urban**
 - ❖ Social Humanities
 - ❖ Environmental
 - ❖ Disaster
- ☐ **Karst**
- ☐ **Geography Information Sains**



National Research Priorities in multidisciplinary and interdisciplinary fields → **disaster, environment**, water resources, and climate change



- ☐ Education
- ☐ Science & Technology → disaster & environment
- ☐ Social Humanities → Development & mobility



Curriculum Changes

Independent Study Independent Campus (MBKM) 2020 :

Indonesian National Qualification Curriculum (KKNI) 2017

6 semester credit system (SKS) off campus :

- 3 real work lectures (KKN)
- 3 school field experiences (PLP)

40 semester credit system (SKS) off campus :

- 20 real work lectures (KKN) / 6th semester choice :
 - ☐ school field experiences
 - ☐ Entrepreneurship
 - ☐ apprenticeship at agencies
- 20 real work lectures school field experiences (PLP) / 7th semester

Superior Courses (geography) : *optional

Urban courses :

- Urban village geography
- Transportation Geography*
- Smart City*
- Urban Managemen*

- English is managed specifically by the CENTER FOR LANGUAGE STUDY, through TEP training and test
- Some lecturers teach using English

Global perspective courses :

- Indonesian and Southeast Asia Regional Geography
- World Regional Geography
- Regional Analysis

Science and technology geography courses :

- Basic Cartography
- Land Survey
- Basic RS
- Basic GIS
- Advanced RS
- Advanced GIS
- Cartography thematic*
- Applied RS*
- Applied GIS*

Independent Study Independent Campus (MBKM) 2020

1	Introduction Geography	Regional Science	Basic Cartography	General Geology	General Geomorphology	Cosmography	Introduction Sociology & Anthropology	Fundamentals of Education	Pancasila Education	Indonesian	Physical Education & Fitness
	2	2	2	2	2	2	2	2	2	2	2

2	Ecology	Basic GIS	Land Survey	Meteorology & Climatology	Man Geography	Demographics & Resident Geography	Theory Study	Religious education	Citizenship Education	Digital Literacy
	2	2	2	2	2	2	2	2	2	2

3	Method Study	Advanced GIS	Basic Remote Sensing	Biogeography	Soil Geography	Hydrology	Geography City Village	Curriculum School	Development Teaching Materials	Evaluation Learning & Learning
	3	2	2	2	2	2	2	2	2	2

4	Statistics	Advanced Remote Sensing	Landscape Geography	Disaster Geography	Geography of Indonesia & Southeast Asia	Oceanography	Political Geography	Economic & Industrial Geography	Planning Learning	Skills Teaching & Learning Micro	mineralogy & Petrography *
	2	2	2	2	2	2	2	2	2	2	2

5	Regional Analysis	Regional Development Geography	Geography Agriculture	World Regional Geography #	Geography Tourist #	Geography Environment #	Indonesian Geology & Geomorphology	Geography Resource Natural *#	Socio-Cultural Geography *#	Geomaritime Indonesia *#	Geography Transportation *	Smart City *#	Management city *	cartography thematic *#	Applied GIS *#	Applied Remote Sensing *#
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

6	Studying Work Real (KKN)	Program design	Development device	Program implementation	Program evaluation	Program dissemination	Development report
	20	3	4	4	3	3	3

7	Experience Field Schooling (PLP)	Management school	School program development	Analysis curriculum	Development plan learning	Development teaching materials	Development of learning media	Practice teach	Assessment learning
	20	2	2	2	3	3	2	4	2

8	Thesis
	6

	Study Materials-1	: Basic Educational Expertise
	Study Materials-2	: Physical Geography
	Study Materials-3	: Human Geography
	Study Materials-4	: Sains Geographic Information
	Study Materials -5	: Integrated Geography
	Study Materials-6	: Basic Research Expertise
	Study Materials-7	: Personality Development



MBKM Manajemen



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
UNIVERSITAS NEGERI SURABAYA
 Kampus Lidah Wetan, Jalan Kampus Lidah Unesa, Surabaya 60213
 Telepon: +6231- 99421834, 99421835, Faksimil : +6231- 99424002
 Laman : www.unesa.ac.id, E-mail : rektor@unesa.ac.id

SURAT KEPUTUSAN REKTOR UNIVERSITAS NEGERI SURABAYA
 NO: 388/UN38/PP/2020

TENTANG
 PEDOMAN PENGEMBANGAN DAN IMPLEMENTASI KURIKULUM MERDEKA
 BELAJAR- KAMPUS MERDEKA
 PROGRAM SARJANA DAN SARJANA TERAPAN



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
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 Laman : www.unesa.ac.id, E-mail : rektor@unesa.ac.id

15. Peraturan Menteri Desa, Pembangunan Daerah Tertinggal, dan Transmigrasi Nomor 18 Tahun 2019, tentang Pedoman Unsur Pendampingan Masyarakat Desa,
 16. Surat Keputusan Rektor Universitas Negeri Surabaya Nomor 896/UN38/HK/KR/2019 tentang Penetapan Buku Pedoman Peningkatan Mutu dan Mata kuliah Pengembangan Kepribadian Institusional pada Kurikulum Universitas Negeri Surabaya.

MEMUTUSKAN

- Menetapkan : KEPUTUSAN REKTOR UNIVERSITAS NEGERI SURABAYA TENTANG PEDOMAN PENGEMBANGAN DAN IMPLEMENTASI KURIKULUM MERDEKA BELAJAR- KAMPUS MERDEKA PROGRAM SARJANA DAN SARJANA TERAPAN UNIVERSITAS NEGERI SURABAYA, SEBAGAIMANA TERLAMPIR.
 Pertama : Pedoman Pengembangan dan Implementasi Kurikulum Merdeka Belajar- Kampus Merdeka Program Sarjana dan Sarjana Terapan berlaku di Universitas Negeri Surabaya untuk Kurikulum Mahasiswa Angkatan 2020/2021 dan angkatan 2019/2020.
 Kedua : Kurikulum untuk mahasiswa angkatan 2019/2020, akan disesuaikan dengan pedoman ini.
 Ketiga : Keputusan ini mulai berlaku sejak tanggal ditetapkan dengan ketentuan bahwa segala sesuatunya akan ditinjau dan diubah sebagaimana mestinya apabila ternyata di kemudian hari terdapat kekeliruan dalam penetapan ini.

Ditetapkan di Surabaya
 pada tanggal 14 April 2020
 REKTOR UNIVERSITAS NEGERI SURABAYA,

td
 NURDIAN
 NIP 196304291990021001



Perintah tentang Merdeka
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 elajar-Kampus Merdeka
 Negeri Surabaya untuk
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ang Sistem Pendidikan

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 Dana Desa Tahun 2020.

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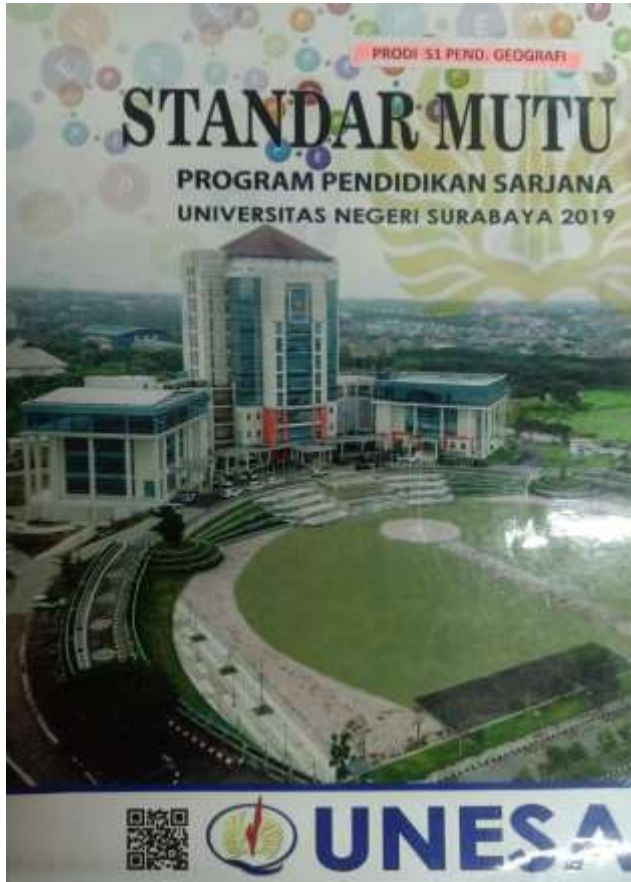
Supported by MELISA information system



Chancellor's decree
 regarding the
 development of the
 MBKM curriculum

Quality Assurance

Implementation of internal QA system



Quality Assurance guidebook

Inappropriate improvements,
appropriate improvements

Improvement

P

Plan

P

- Lectures
- Research
- Community service
- Leadership Achievement Audit

Do

P

Suitability with Unesa quality standart

Check

E

MONITORING AND EVALUATION
Suitability with Unesa quality standart

Act

P

suitability and non-conformity





Learning, Teaching, Assessment



Academik guidebook

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- Constructivism learning states that students must discover and transform complex information on their own
- The teacher functions as a facilitator which helps students with their understanding

case studies
discussion in
outdoor



project-based
learning in natural
laboratory



project-based
or case studies
learning in
laboratory



Learning Teaching

LEARNING PROCESS

lecture lecturers and
provide case studies or
project-based learning

students
understand
literature

students
discuss

students
observation
& collect data

students arrange products, present,
and entered in the competition or
products that are recognized

thesis proposal

research

Thesis & publication

lectures that
proceed to thesis

SEMESTER STUDY PLAN

Geography Education Department

Lesson Plan

COURSE		Code	Cluster	Credits	Semester	Compilation Date
Hidrology		8720202070	Department Of Geography	2	3	2017
AUTHORIZATION		Lesson Plan Developer	Coordinator		Head of Study Program	
		Drs. Agus sutedjo, M.Si.	Drs. Agus Sutedjo, M.Si.		Dra. Ita Mardiani Zain, M.Kes.	
Learning Outcome (PLO) Program	Plo					
	PLO 2	Able to analyze regional and regional characteristics (regionalization) in the context of resources and disasters based on geographical principles and approaches to support sustainable development				
	PLO 6	Able to make appropriate decisions in the context of solving problems in the field of geography and geography education, based on the results of information and data analysis.				
	PLO 8	Able to formulate, process, analyze data, and present geosphere information both physical and human aspects by using geospatial technology for geography learning and research;				
	PLO 11	Demonstrate an attitude of responsibility for work in their field of expertise independently				
	Course Learning Outcome (CLO)					
	CLO 2	Able to analyze the characteristics of rainwater, evaporation, surface water and groundwater in an area to support sustainable development. (PL O-2)				
	CLO 6	Able to solve the problems of rain, floods and droughts, decreased groundwater levels, and seawater intrusion based on information and data analysis. (PL O-6)				
	CLO 8	Able to process, analyze, and present data on rain, evaporation, river flow or groundwater quality using geospatial technology for research. (PL O-8)				
	CLO 11	Able to be responsible for carrying out hydrological cycle analysis independently (PL O-11)				

Course Description	This course discusses the formation of the elements of the water cycle, further discussion to understand students includes the kinds and factors that affect the magnitude of evapotranspiration, analysis and calculations about precipitation, and evapotranspiration in an area. About runoff or surface flows discuss the diversity of the territory, the calculation of river discharge and the factors affecting runoff. Another element, namely infiltration, is only limited to the factors affecting infiltration and the practical importance of infiltration from several aspects. The understanding of groundwater includes the presence of groundwater and various aquifers related to the properties of rock layers, groundwater movements, their relationship with surface water, and seawater intrusion. It is also studied about the role of hydrology in human life and the use of information technology (IT) in its learning will increase the understanding of the material studied. Achieve learning competencies by using a <i>project base learning</i> approach with the method of inquiry, discussion, question and answer, assignment. The assessment is carried out with performance, and the written test .		
Learning Materials/ Topics	<ol style="list-style-type: none">1. The Role of Hydrology in life2. Water Cycle3. Elements, classification and calculation of the average precipitation (rain) of the territory4. Factors affecting Evapotranspiration and calculating evapotranspiration5. Factors affecting Runoff, the diversity of coverage, and the discharge of runoff6. Factors affecting infiltration and the practical importance of infiltration7. The occurrence of groundwater, groundwater movements, axle various aquifers <p>The relationship between groundwater and surface water and seawater intrusion</p>		
References	Primary	<ol style="list-style-type: none">1. Asdak, C., 2014, <i>Hydrology and Watershed Management</i>, Yogyakarta, Gadjah Mada University Press.2. Hadi Susanto, N. 2015, <i>Hydrological Applications</i>, Yogyakarta : Jogja Mediautama3. Kodoatie, R.I., 2012, <i>Groundwater Spatial Planning</i>, Yogyakarta: Andi Publishers4. Kodoatie, R. I., 2013, <i>Urban Flood Engineering and Management</i>, Yogyakarta: Andi Publishers5. Seyhan, E. , 2010, <i>Basics of Hydrology</i>, Yogyakarta: Gadjah Mada University Press6. Soemarto, C.D., 2007, <i>Hydrology Engineering</i>, Suabaya: National Enterprises	
	Supplementary	<ol style="list-style-type: none">1. Gabler, R.E., Sack, D., Petersen, J.F., 2012, <i>Physical Geography</i> 10 th Edition, Brooks/Cole,Cengage Learning2. Petersen, J.F., Sack, D., Gabler, R.E., 2012, <i>Physical Geography</i> 10th Edition, Canada, Brooks/Cole, Cengage Learning3. Mulyaningsih, S., 2010, <i>Introduction to Environmental Geology</i>, Yogyakarta: A Guide	

Project-based learning in the classroom

Constructivis Final-term Test Sample

HYDROLOGICAL TASKS

Below is the annual rain data at the rain station in Madukoro District. The location of each station can be seen on the polgon and isohyet maps..

- P1 = 485 mm
- P2 = 406 mm
- P3 = 397 mm
- P4 = 443 mm
- P5 = 394 mm
- P6 = 408 mm

Based on rain data in the region, calculate the average rainfall of the region by the Arithmetic, Polygon Thiessen, and Isohyet methods.

Note : The position of the rain Station for the 3 counts is fixed, Create a Thiessen polygon map and Isohyet map with the use of a scale of 1:250,000

ANSWER POLYGON THIESSEN METHOD

Known :

- Precipitation data : P1 = 485 mm
P2 = 406 mm
P3 = 397 mm
P4 = 443 mm
P5 = 394 mm
P6 = 408 mm

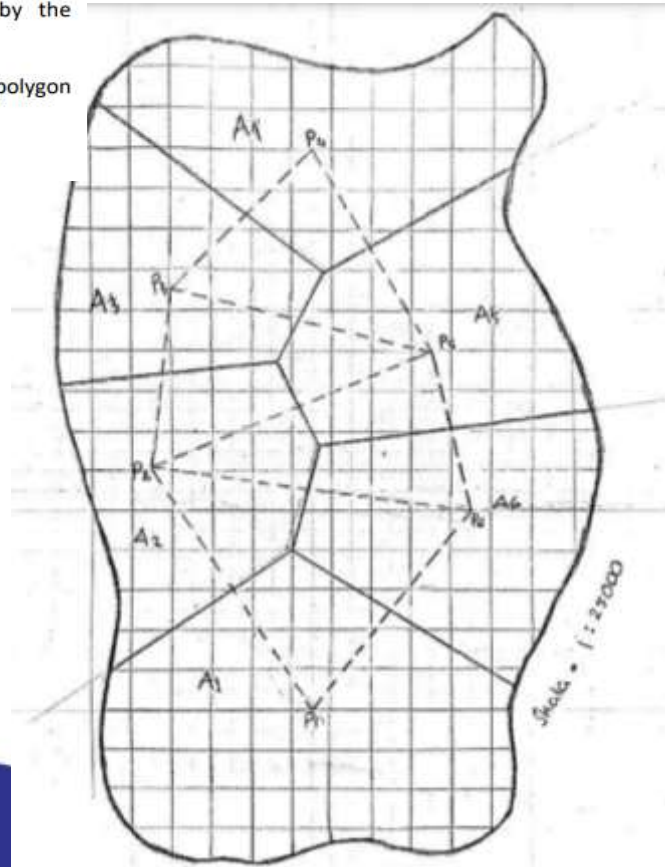
- Area of influence : A1 = 43 x 6.25 = 268.75 ha
A2 = 22 x 6.25 = 137.5 ha
A3 = 17 x 6.25 = 106.25 ha
A4 = 26 x 6.25 = 162.5 ha
A5 = 22 x 6.25 = 137.5 ha
A6 = 22 x 6.25 = 137.5 ha

Asked : Average rainfall using the Polygon Thiessen method Answer:

$$\begin{aligned} p &= \frac{P1 \cdot A1 + P2 \cdot A2 + P3 \cdot A3 + P4 \cdot A4 + P5 \cdot A5 + P6 \cdot A6}{A1 + A2 + A3 + A4 + A5 + A6} \\ &= \frac{(485 \cdot 268.75) + (406 \cdot 137.5) + (397 \cdot 106.25) + (443 \cdot 162.5) + (394 \cdot 137.5) + (408 \cdot 137.5)}{268.75 + 137.5 + 106.25 + 162.5 + 137.5 + 137.5} \\ &= \frac{410,612.5}{950} = 432.22 \text{ mm} \end{aligned}$$

So, the average rainfall according to the Polygon Thiessen method is 432.22 mm

Project-based learning Task Sample



UNESA
FAKULTAS ILMU SOSIAL DAN HUKUM
Kampus Ketintang, Jalan Ketintang, Surabaya 60221
Laman: <https://fiah.unesa.ac.id> email: fiah@unesa.ac.id

Jurusan / Prodi : SI Pendidikan Geografi
Nama / NIM : ASYATUL FAKIMAH / 170540379026
Mata Kuliah : HIDROLOGI UTS
Hari / Tanggal : Rabu / 7 NOVEMBER 2018
Tanda Tangan : *Asy*

Nilai
89

1). Diketahui :
Luar DAS = 24 km²
C = 0,5
Intensitas hujan = 100 mm/hari
Ditanya: Rumus Hidrologi DAS
Jawab:
 $Q = C \cdot I \cdot A$
 $= 0,5 \times 100 \text{ mm/hari} \times 24 \text{ km}^2$
 $= 0,5 \times 0,1 \text{ m/hari} \times 24.000.000 \text{ m}^2$
 $= 1.200.000 \text{ m}^3/\text{hari}$
atau 50.000 m³/jam
atau 13,88 m³/dik

2). Metode yang paling tepat dalam menghitung rata-rata curah hujan
Metode isohyet merupakan metode yang paling tepat karena dalam perhitungannya memperhatikan variasi hujan antara satu tempat dengan tempat yang lain. Sebagaimana kita ketahui bahwa hujan yang terjadi di suatu wilayah tidak sama besarnya antara satu titik dengan titik yang lain dalam wilayah tersebut yang berkaitan dengan topografi wilayahnya.

3). Satu DPS dalam hidrologi dijadikan sebagai dasar satuan unit penelitian hidrologi.
Dalam satu DPS / DAS merupakan satu sistem aliran air yang dipengaruhi oleh unsur-unsur pembentuk sistem tersebut seperti batuan, vegetasi, topografi, iklim yang membentuk sistem tersebut. Antara DPS yang satu dengan DPS yang lain kondisi unsur-unsur pembentuk sistem aliran akan berbeda. Oleh karena itu, DPS perlu dijadikan satuan unit penelitian "growing with character" dalam hidrologi. Suatu DPS mempunyai karakteristik tersendiri yang berbeda dengan DPS yang lain.

Project-based learning in the learning media laboratory

Applied Geographic Information System course with Project Base Learning, produce Soil Moisture Sensor Tool



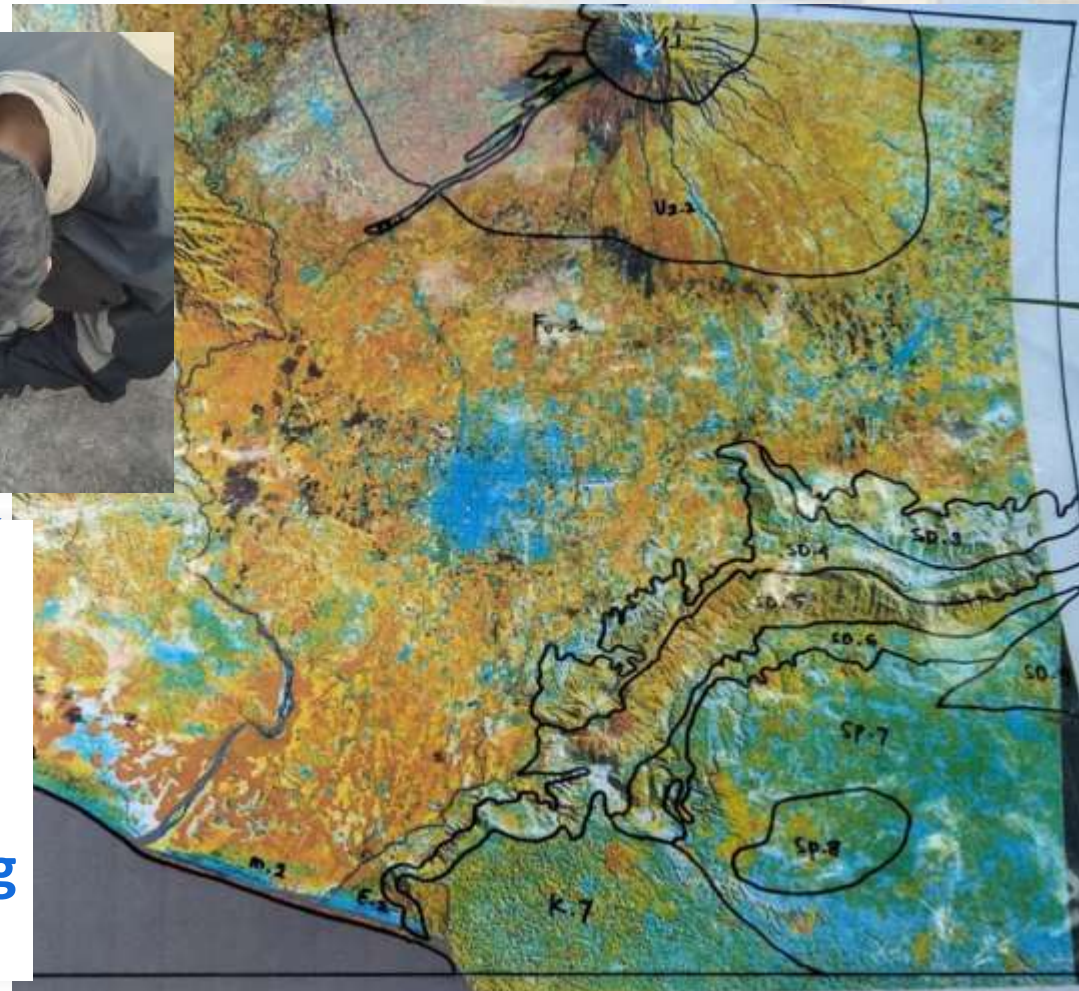
Project-based learning : activity & Learning Products physical Geography

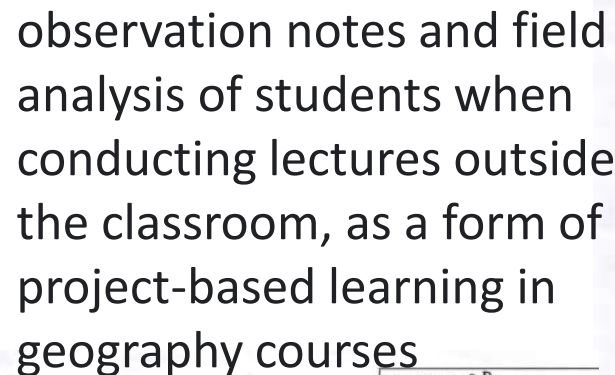
observation and field discussion on mapping learning



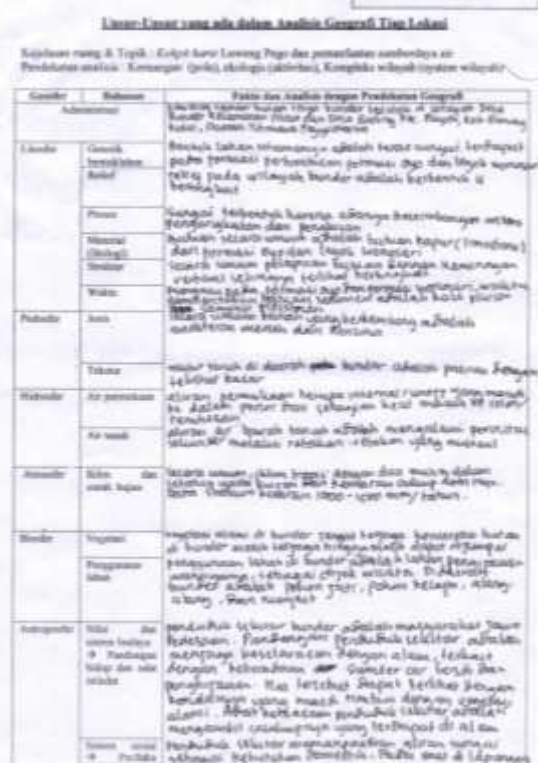
The results of image interpretation in identifying potential disasters (part of project-based learning in geography courses)

Student learning outside the classroom is the implementation of **project-based learning** (Designing to complete the work with specific goals as a source of learning)





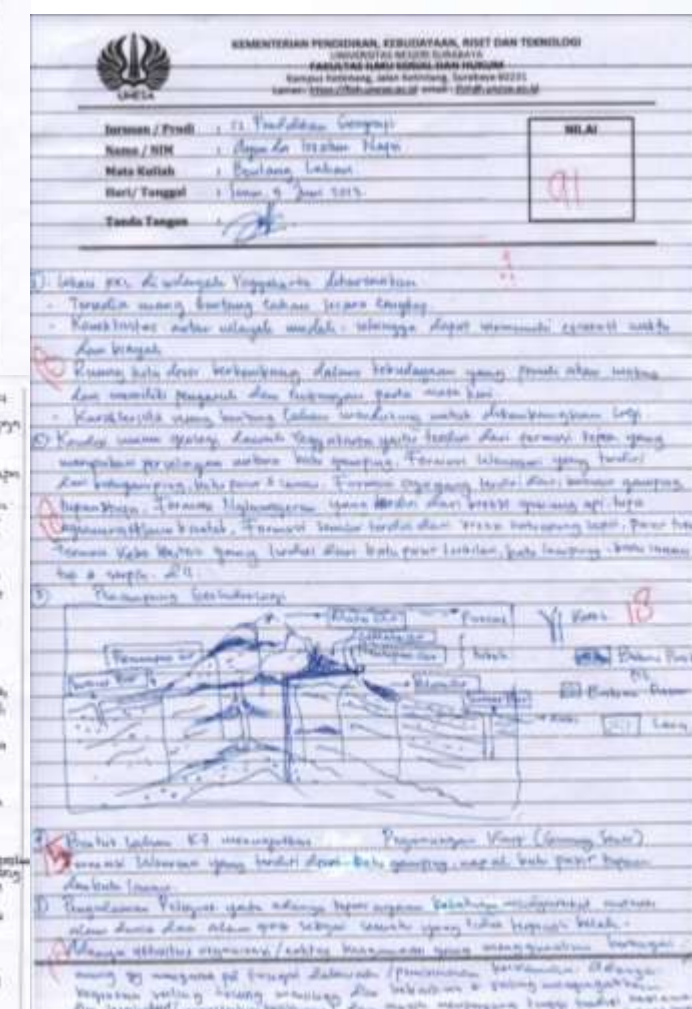
OBSERVASI TIAP LOKASI PENGAMATAN

[illegible]

Proses pembelajaran	<p>Penyaji (PA) beresiko agar siswa hanya diajarkan mengenai air ketubuhan manusia saja, mengabaikan kegunaan air untuk berbagai keperluan lain.</p> <p>Perilaku belajar</p> <p>Petugas kesehatan akan berprestasi hanya jika hubungan antara air dan kesehatan manusia</p>
Pendekatan komunikasi	<p>PA dan asisten akan beresiko apabila komunikasi hanya</p>

Produksi ekologi (Aktifitas manusia)	<p>Perubahan ekologi berdasarkan aktivitas manusia meliputi:</p> <ul style="list-style-type: none"> - Perubahan iklim akibat aktivitas manusia, terutama pembakaran fosil fosil sebagai sumber tenaga. - Perubahan lingkungan akibat aktivitas manusia, terutama perubahan bentuk lahan akibat aktivitas manusia. - Perubahan kualitas lingkungan akibat aktivitas manusia, terutama pencemaran lingkungan.
Produksi kompleks wilayah (Sistem wilayah) : berfokus dari keterkaitan berbagai subwilayah	<p>Wilayah yang terdapat pada permukaan bumi yang memiliki karakteristik yang sama, baik itu secara fisik, sosial, ekonomi, atau politik.</p> <p>Wilayah yang terdapat pada permukaan bumi yang memiliki karakteristik yang sama, baik itu secara fisik, sosial, ekonomi, atau politik.</p>

Example of a semester final exam with learning activities outside the classroom



posters as a form of publication of project-based learning outcomes

Air Terjun Sri Gethuk



Air Terjun Sri Gethuk merupakan salah satu fenomena geofisik yang terletak di Kecamatan Playen, Kabupaten Gunungkidul, Yogyakarta. Hal yang paling menarik di lokasi ini adalah keberadaan Sungai Oyo yang bersifat fluvial dan artesis. Sungai oyo yang menjadi pembatas antara Pangrehan, Bataragung dengan Ledeo Winonan, berperan menjadi saluran kapur pembentuk lembah yang sedang dinamis. Selain itu, Selangkang alirannya berusaha menembus dan menembus blok batuan kapur yang berakut akibat adanya gejala tektonik sehingga gerakan alirannya. Sungai Oyo yang membentasi pula aliran yang berdekatan dengan sungai lain. Sementara sumber air teras berasal dari melintasi sepanjang Ledeo Winonan yang di masa lampau dapat sebagai sungai adalah satu aliran yang mengalir ke arah Ledeo Winonan.

Singkatan buaian selimen sepanjang Sungai Oye ini tererak-erak dan memiliki kemiringan kurang lebih ke arah utara. Ciri buaian selimen adalah terendapkan secara mendatar. Hal ini menunjukkan bahwa adanya pengaruh tektonisme terhadap struktur buaian.

Air terjun yang indah di Sungai Ulu Pandan merupakan wilayah yang baru dikembangkan sebagai tempat wisata. Ditunjangkan dengan pembangunan aksesibilitas dan infrastruktur yang mulai dikembangkan.

g. Perilaku dan Aktivitas Masyarakat
Masyarakat mulai mengembangkan kemitatannya dengan membangun berbagai fasilitas yang mampu menunjang kemitatannya.

h. Kemasyarakatan
Anasudilait dari Kota Yogyakarta ke Air Terjun Sri Gethuk mengambil salah fotografi yang indah-rata, sehingga jalan menuju Air Terjun Sri Gethuk semakin dan berkilau-kilau. Masyarakat sekitar mulai mengembangkan air terjun di sekitar air terjun sebagai tempat wisata.

Biky Walpi	13040274031	Diana Kusono	13040274206
Han Ross	13040274032	Sopha Khoirul	13040274207
Dan Rahmawati	13040274042	Hari Yalanto	13040274229
Sopri Winanda S.	13040274048	Muzli Mauli Fadhil	13040274234
Dinda Irmawati	13040274053	Muzli Wardah	13040274240
Zuraini Purnidi	13040274074	Andi Setiapa F.	13040274241
		ADLI Puteri	13040274249

Pembimbing: Dr. Nengroho Hari Pursono, S.P., M.Si

SI Pendidikan Geografi
Disusun oleh: M. Nur Fauzan

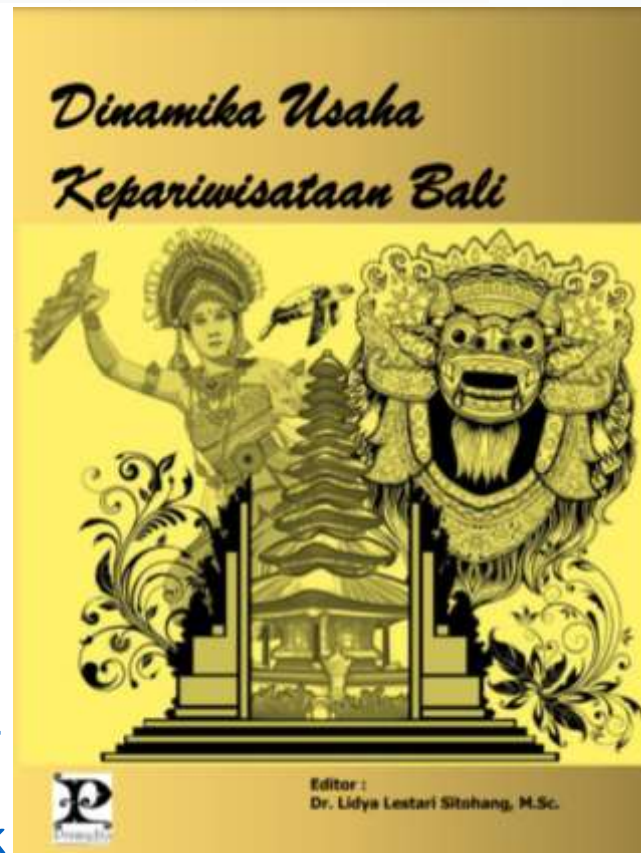


Project-based learning : activity & Learning Products Human Geography



The implications of project-based learning encourage students to be creative in producing learning outcomes. Books with ISBNs, videos, posters, props produced can compete in various student creativity competitions.

Interviews with foreign tourists
in regional analysis courses



<https://www.youtube.com/watch?v=df5d7kGgf-M>
<https://www.youtube.com/watch?v=ugE9TvfkJ8>
<https://www.youtube.com/watch?v=7STYLEQhVVk>
<https://www.youtube.com/watch?v=mOfgRkmS9RY>



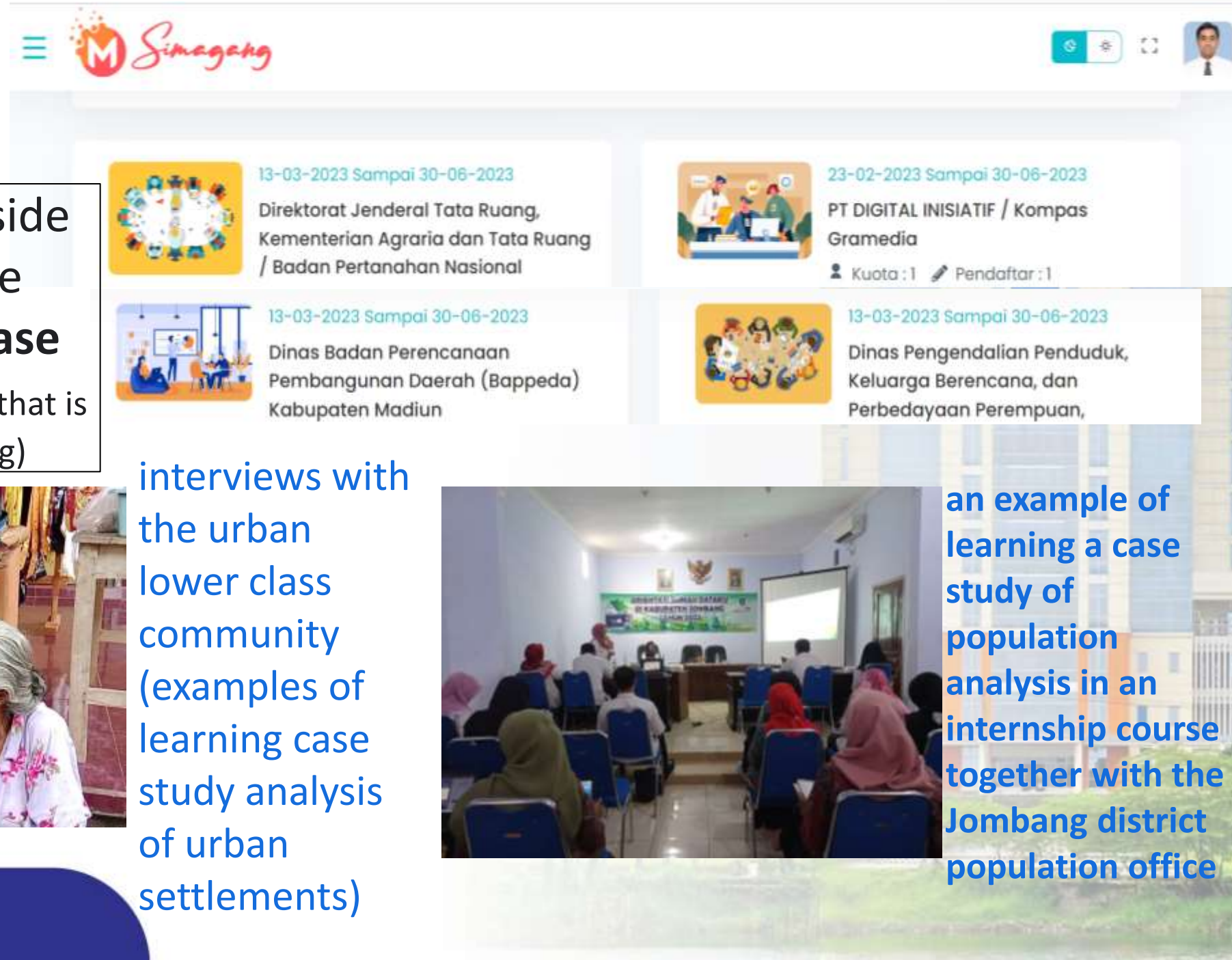
Student learning outside the classroom is the implementation of **case studies** (there is a problem that is used as a source of learning)



interviews with the urban lower class community (examples of learning case study analysis of urban settlements)



an example of learning a case study of population analysis in an internship course together with the Jombang district population office

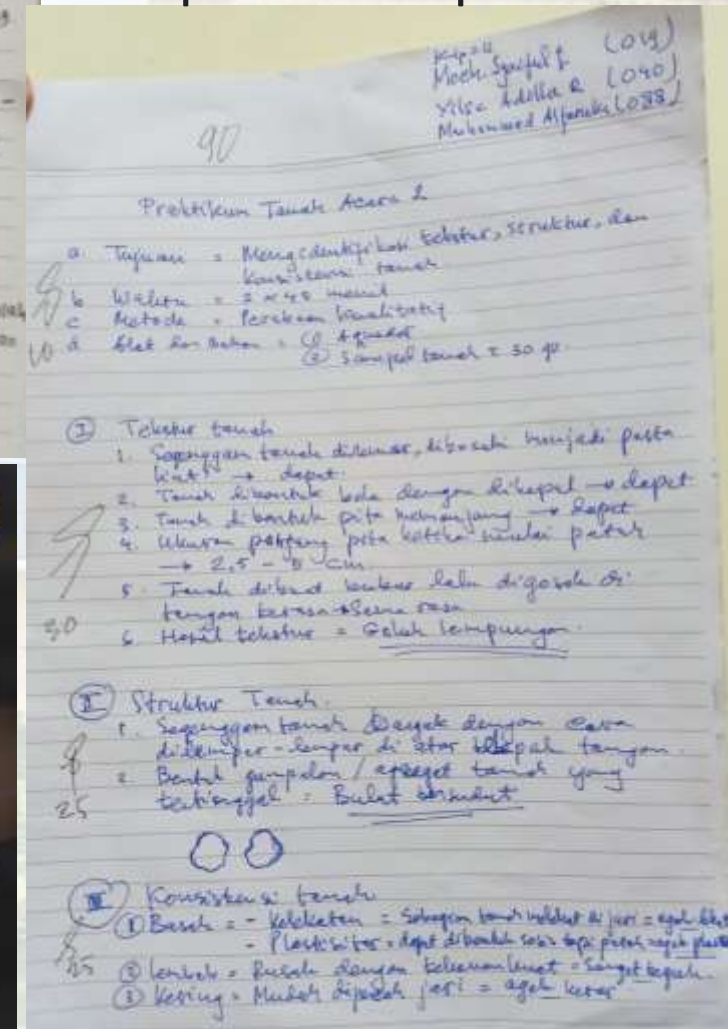


Learning case studies in the classroom and laboratory with learning resources in the form of certain phenomena from online media or material from nature



pretest before soil practicum

soil practice report





Assessment

LEARNING TEACHING ASSESSMENT :

- A. Paper Based Test → the written test has an assessment grid, instruments, and scoring.
- B. Performance-based tests → performance assessment design and workload assessment guidelines evaluation.
- C. Project-based tests → The results of this assessment describe high thinking skills to produce products of creative thinking and ideas.

PRACTICAL IN LAB. ASSESMENT

1. Mastery of the theory that underlies practical activities
2. Understanding of the purpose of practical activities
3. Understanding of tools or materials
4. Work step accuracy
5. Conceptual accuracy in report content/results
6. Attitude & Collaboration (does not apply to individual practicum)
 - ☐ initiative
 - ☐ Active
 - ☐ Coordination
 - ☐ Finish it

THESIS ASSESSMENT

1. The accuracy of the initial content 10
2. The accuracy of the core part 35
3. The accuracy of the the end 10
4. Interrelationships between components 15
5. Formatting accuracy 10
6. Accuracy of language use 10
7. Topic quality 10

100

Table of Score Conversion

Score Interval	Score	Alphabetical Grade
85 ≤ A < 100	4	A
80 ≤ A- < 85	3.75	A-
75 ≤ B+ < 80	3.5	B+
70 ≤ B < 75	3	B
65 ≤ B- < 70	2.75	B-
60 ≤ C+ < 65	2.5	C+
55 ≤ C < 60	2	C
40 ≤ D < 55	1	D
0 ≤ E < 40	0	E

Practicum : - 20 %

Task :40 20 %

Mid exam :20 30 %

Final exam :40 30 %

KKN/PLP : 100% practice

composition of the
course assessment



Assessment : research and community service →

research and community service reviewers are lecturers with certain requirements who have been trained by research institutions

PENILAIAN SEMINAR HASIL PENELITIAN PENGEMBANGAN PRODUK INOVASI

Judul Penelitian :
Bidang Fokus Penelitian :
Ketua Peneliti :
NIDN :
Perguruan Tinggi Pengusul :
Biaya Keseluruhan : Rp. dan Mitra Rp. (Jika ada)

No	Kriteria Penilaian	Bobot (%)	Skor	Nilai
1	Kemampuan presentasi dan materi presentasi	15		
2	Realisasi capaian luaran penelitian sesuai proposal	15		
3	Luaran penelitian berupa produk inovasi yang sudah mendapatkan KI status <i>granted</i> , ada bukti pendaftaran merek atau desain industri, sudah mengurus sertifikasi produk seperti SNI/Halal/BPOM/dll sehingga produk inovasi telah siap dipasarkan/dikomersialisasikan	20		
4	Produk inovasi telah menghasilkan <i>profit/renew</i> bagi Unesa	35		
5	Realisasi Kerjasama dengan Mitra	15		
Jumlah		100		

Keterangan:
Skor: 1, 2, 3, 5, 6, 7 (1 = buruk, 2 = sangat kurang, 3 = kurang, 5 = cukup, 6 = baik, 7 = sangat baik)
Nilai = bobot x skor

Komentar Reviewer:

PENILAIAN SEMINAR HASIL PENELITIAN DASAR

Judul Penelitian :
Ketua Peneliti :
NIDN :
Perguruan Tinggi :
Program Studi :
Jangka Waktu Penelitian : tahun
Biaya Keseluruhan : Rp.

Basic research

No	Kriteria Penilaian	Bobot (%)	Skor	Nilai
1	Kesesuaian hasil dengan tujuan dan sasaran penelitian dasar	20		
2	Realisasi capaian luaran wajib	30		
3	Kontribusi hasil penelitian pada restra penelitian perguruan tinggi	20		
4	Kesesuaian capaian dengan proposal yang dijanjikan	10		
5	Kesesuaian penulisan laporan akhir penelitian sesuai panduan	10		
6	Kemampuan presentasi dan kemampuan mempertahankan hasil penelitian	10		
Jumlah		100		

Keterangan:
*Mengacu pada borang penilaian capaian luaran kegiatan Penelitian Dasar.
Skor: 1, 2, 3, 5, 6, 7 (1 = buruk, 2 = sangat kurang, 3 = kurang, 5 = cukup, 6 = baik, 7 = sangat baik)
** Luaran tambahan dapat berupa temuan baru: teori, metoda atau kebijakan baru.
Nilai = bobot x skor

Komentar Reviewer:

PENILAIAN SEMINAR HASIL PENELITIAN TERAPAN

Judul Penelitian :
Bidang Fokus Penelitian :
Ketua Peneliti :
NIDN :
Perguruan Tinggi :
Institusi Mitra :
Program Studi :
Biaya Keseluruhan : Rp.

Applied research

No	Kriteria Penilaian	Bobot (%)	Skor	Nilai
1	Produk teknologi dan/atau teknologi proses produksi yang sudah diadopsi industri/masyarakat pengguna lainnya	20		
2	Realisasi pengembangan <i>industrial cluster</i> yang melibatkan usaha kecil dan menengah/masyarakat pengguna lainnya	20		
3	Komitmen mitra kerja sama dan keberlanjutan program	20		
4	Luaran yang dihasilkan: a. Prototipe/purwarupa/teknologi tepat guna, rumusan kebijakan, publik, model pembelajaran/pemberdayaan masyarakat, rekayasa sosial- ekonomi b. KI	15		
5	Kesiapan dan kemampuan mempresentasikan hasil	10		
6	Kesesuaian luaran dengan proposal	15		
Jumlah		100		

Keterangan:
Skor: 1, 2, 3, 5, 6, 7 (1 = buruk, 2 = sangat kurang, 3 = kurang, 5 = cukup, 6 = baik, 7 = sangat baik)
Nilai = bobot x skor

Komentar Reviewer:

field course assessment sheet



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI
UNIVERSITAS NEGERI SURABAYA
FAKULTAS ILMU SOSIAL DAN HUKUM
PROGRAM STUDI S-1 PENDIDIKAN GEOGRAFI
Kampus Kebitang, Jalan Ketintang, Surabaya 60231
Website: <http://fsh.unesa.ac.id> email: fsh@unesa.ac.id

ASSESSMENT OF CHAIRMAN AND GROUP LECTURERS PRACTICE FIELD

Study Program : S1 Geography Education FISH UNESA
Courses / Semester : /
Generation / group : /
Group leader :

No.	Student name (committee / no) /p- /t	Filling Group Leader						Supervising Lecturer									Total A+B+C+D /A	
		A. Activities						B. Fill out the quick survey sheet*			C. Filling out the interview sheet*			D. Geographical Analysis Daily Report*				
		50	60	70	80	90	100	< 70	70-84	≥85	< 70	70-84	≥85	< 70	70-84	≥85		
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

Assessment criteria :
The four (4) components assessed are related to attitude and cooperation :
1. **Initiative**, in each activity has a suggestion or opinion to solve it
2. **Active**, in every activity carrying out actions of observation, measurement, data recording in the field
3. **Coordinating**, communicating with colleagues in completing work
4. **Complete**, carry out data analysis actions and prepare reports

Mark	Information
50	Just give the name, absolutely not involved in the 4th component
60	Only helps beyond the 4th component
70	Only involved 1 of the 4 components
80	Only involved 2 of the 4 components
90	Only involved 3 of the 4 components
100	Involved in the 4 components

Description :
*Based on the completeness of the elements in the geographic analysis, quick survey sheets, and interview sheets
A = Student Activity
B = Quick Survey Sheet
C = Interview Sheet
D = Daily Analysis Report

Group Lecturer Group leader

(.....) (.....)



Thesis

Procedur Thesis



A GUIDE BOOK
FOR
UNDERGRADUATE
THESIS WRITING

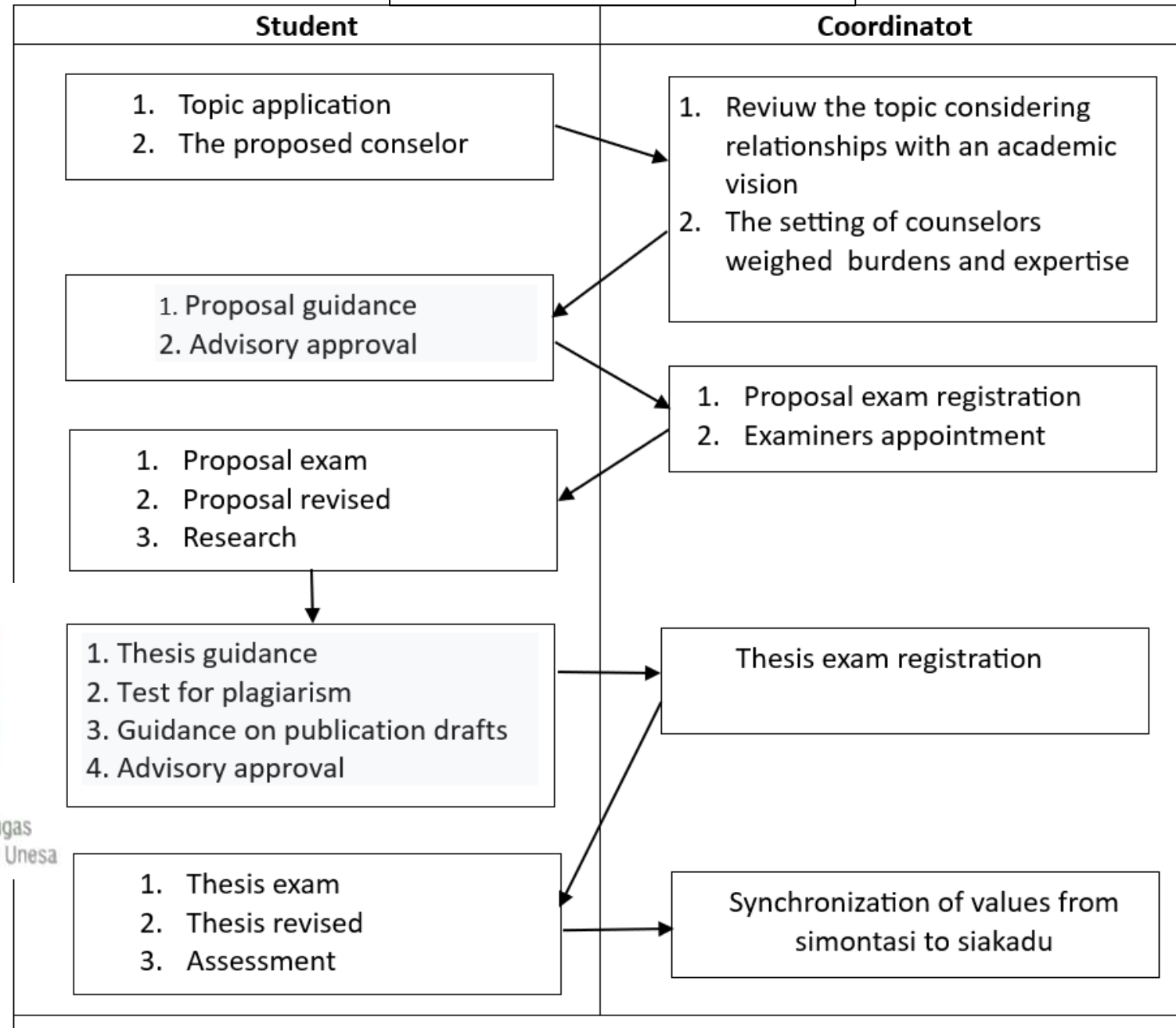
Tim Penyusun Buku Pedoman Penulisan Skripsi
Program Sarjana Strata Satu (S-1)
Universitas Negeri Surabaya
2014



Sistem Informasi Monitoring Tugas
Akhir, Skripsi, Disertasi, dan Tesis Unesa

Thesis guidebook & Application

www.unesa.ac.id



Dashboard SSO | Single Sign On
Simulasi Jadwal Kuliah

sindig.unesa.ac.id/kuliah/a2NpZmNlJkUuWNkmGHlpZrY5NqIGmTaGRmbGdkgSWmWZkZGOYmZR

Home
Siakadu
Bimbingan
RPS
Pengajaran
Kuliah Asynchronous
Help
Kuliah Sync

S1 Pendidikan Geografi

Metode

Angkatan

Kelas

☐ Luring
☐ Daring

2023	A	<input checked="" type="radio"/> Luring	<input type="radio"/> Daring
2023	B	<input checked="" type="radio"/> Luring	<input type="radio"/> Daring
2023	C	<input checked="" type="radio"/> Luring	<input type="radio"/> Daring
2023	D	<input checked="" type="radio"/> Luring	<input type="radio"/> Daring
2023	E	<input checked="" type="radio"/> Luring	<input type="radio"/> Daring
2023	F	<input checked="" type="radio"/> Luring	<input type="radio"/> Daring
2022	A	<input checked="" type="radio"/> Luring	<input type="radio"/> Daring
2022	B	<input checked="" type="radio"/> Luring	<input type="radio"/> Daring
2022	C	<input checked="" type="radio"/> Luring	<input type="radio"/> Daring
2021	A	<input checked="" type="radio"/> Luring	<input type="radio"/> Daring
2021	B	<input checked="" type="radio"/> Luring	<input type="radio"/> Daring
2021	C	<input checked="" type="radio"/> Luring	<input type="radio"/> Daring
2020	A	<input type="radio"/> Luring	<input checked="" type="radio"/> Daring
2020	B	<input type="radio"/> Luring	<input checked="" type="radio"/> Daring
2020	C	<input type="radio"/> Luring	<input checked="" type="radio"/> Daring

Analisis Risiko Sebagian Desa Ngawonggo di Kecamatan Kaliangkrik Kabupaten Magelang

No	Unit	Karakteristik	BAHAYA	KERENTANAN	RISIKO
1	1	Bukit curam	Kemiringan lereng tinggi longsor	Sangat tinggi	5 1 0 Sangat Tinggi
2	2	Lereng Bukit	Kemiringan lereng sedang longsor lahan tinggi	Tinggi	4 3 7 Tinggi
3	2.1	Lereng bukit	Kemiringan lereng sedang longsor lahan tinggi	Tinggi	4 3 7 Tinggi
4	2.2	Lereng bukit	Kemiringan lereng sedang longsor lahan tinggi	Sangat tinggi	5 3 7 Sangat Tinggi
5	2.3	Lereng bukit	Kemiringan lereng sedang longsor lahan tinggi	Sangat tinggi	5 5 Rendah
6	2.4	Lereng bukit	Kemiringan lereng sedang longsor lahan tinggi	Tinggi	5 3 5 Tinggi
7	2.5	Lereng bukit	Kemiringan lereng sedang longsor lahan tinggi	Sangat tinggi	5 1 0 Sangat tinggi
8	2.6	Lereng Bukit	Kemiringan lereng sedang longsor lahan tinggi	Sangat tinggi	4 3 5 tinggi
9	2.7	Lereng bukit	Kemiringan lereng sedang longsor lahan tinggi	Sangat tinggi	5 1 0 Sangat tinggi
10	2.8	Lereng bukit	Kemiringan lereng sedang longsor lahan tinggi	tinggi	4 5 9 Sangat tinggi
11	3	Sawah	Terkena banjir tinggi longsor lahan tinggi	tinggi	4 5 9 Sangat tinggi
12	3.1	Sawah	Terkena banjir tinggi longsor lahan sedang	tinggi	4 5 9 Sangat tinggi
13	3.2	Sawah	Terkena banjir tinggi longsor lahan tinggi	sedang	3 Rendah 2 6 Sedang
14	3.3	Sawah			
15	3.4	Sawah			
16	3.5	sawah			
17	3.6	Sawah			
18	4	Pemukiman			
19	4.1	Pemukiman			
20	4.2	Pemukiman			
21	4.3	Pemukiman			
22	4.4	Pemukiman			
23	4.5	Pemukiman			

the UNESA academic information system (SIDIA), includes online and offline course plan options

Online project-based learning in disaster geography courses, students utilize google earth / google map for spatial disaster risk analysis.

lectures with practicing lecturers → Webinar

ST PENDIDIKAN GEOGRAFI FAKULTAS ILMU SOSIAL DAN HUKUM (FIS) UNIVERSITAS NEGERI SURABAYA

Webinar Nasional

"TATARUANG KOTA PESISTR BERKELANJUTAN"

PEMERER

Tertiblah Kita dan Kita Dengan Kota Pesistr

Dr. Subagus Soehadhin, M.T.
Dosen Tetap Fis, Fakultas Ilmu Sosial dan Hukum (FIS) Universitas Negeri Surabaya

Tertiblah Kita Dengan Kota Pesistr

Dr. Putu Pety Satowati, M.Sc.
Dosen Tetap Fis, Fakultas Ilmu Sosial dan Hukum (FIS) Universitas Negeri Surabaya

MODERATOR

Dr. Nugroho Hari Purnomo, S.P., M.Si.
Dosen Fis, Fakultas Ilmu Sosial dan Hukum (FIS) Universitas Negeri Surabaya

ITIM

Dr. Sugianto Wicaksono, S.P., M.Si.
Dosen Tetap Fis, Fakultas Ilmu Sosial dan Hukum (FIS) Universitas Negeri Surabaya

PELAKSANA

Subota, 7 September 2021

05.30 - 17.00 WIB

Zoom Meeting

Meeting ID: 973 2677 0801
Passcode: 212015

ST PENDIDIKAN GEOGRAFI FAKULTAS ILMU SOSIAL DAN HUKUM (FIS) UNIVERSITAS NEGERI SURABAYA

WEBINAR KAJIAN WILAYAH

Potensi Gempa dan Tsunami Jawa Timur

Rabu, 6 Oktober 2021
Pukul 08.00-11.00 WIB

ZOOM MEETING

Meeting ID: 816 3445 7575
Passcode: 169480

PEMERER

Dr. Daryono, S.K., M.Si.
Koordinator Bidang Mitigasi Gempa Bumi dan Tsunami Badan Meteorologi, Klimatologi, dan Geofisika

MODERATOR

Dr. Nugroho Hari Purnomo, S.P., M.Si.
Dosen Fis, Fakultas Ilmu Sosial dan Hukum (FIS) Universitas Negeri Surabaya

ST PENDIDIKAN GEOGRAFI UNIVERSITAS NEGERI SURABAYA

WEBINAR KAJIAN WILAYAH

Perspektif Wilayah Banyuwangi

PEMERER

Bepi Saksono
Kepala Dinas Pariwisata Kabupaten Banyuwangi

MODERATOR

Samsudin Adhoni
Dosen Fis, Fakultas Ilmu Sosial dan Hukum (FIS) Universitas Negeri Surabaya

Zoom Meeting

Meeting ID: 947 667 4723
Passcode: 747791

KAMIS 7 OKTOBER 2021
08.00 - 12.00 WIB

ST PENDIDIKAN GEOGRAFI UNIVERSITAS NEGERI SURABAYA

Penataan Ruang Laut dalam Mendukung Pengelolaan Sumberdaya Kelautan Berkelanjutan

Ir. Suharyanto, M.Sc.
Direktur Perencanaan Ruang Laut KKP Republik Indonesia

Dr. Nugroho Hari Purnomo, S.P., M.Si.
Dosen Fis, Fakultas Ilmu Sosial dan Hukum (FIS) Universitas Negeri Surabaya

RABU 10 November 2021
08.30 - 10.30 WIB

Meeting ID : 973 2677 0801
Passcode : 212015

zoom

ST PENDIDIKAN GEOGRAFI UNIVERSITAS NEGERI SURABAYA

ST PENDIDIKAN GEOGRAFI UNIVERSITAS NEGERI SURABAYA

Kota Tangguh, Konsep dan Aplikasi

PEMERER

M. Helmi Abidin, S.Pd., M.Sc.
DPR & Resilient Coordinator United Cities and Local Governments Asia Pacific

MODERATOR

Nugroho Hari Purnomo, S.P., M.Si.
Dosen Fis, Fakultas Ilmu Sosial dan Hukum (FIS) Universitas Negeri Surabaya

KAMIS, 11 NOVEMBER 2021
09.30-11.30 WIB

MEETING ID : 973 2677 0801
PASS : 212015

PENGEMBANGAN SOFT SKILL INVESTASI CERDAS PILIHAN GENERASI MILENIAL

Pembicara

Wawan Aji Hartono, ST, MM, AAK, CFP, QAF, AMF, CPC
Manajer Investasi

MC

Nova Kamilia
Mahasiswa Geografi

Moderator

Nurita Nurita M.
Mahasiswa Geografi

Kamis, 22 September 2022 Pukul 09.00 WIB - Selesai

Via Zoom Meeting

ST PENDIDIKAN GEOGRAFI FAKULTAS ILMU SOSIAL DAN HUKUM UNIVERSITAS NEGERI SURABAYA

KULIAH GEOMARITIM INDONESIA

TATA RUANG LAUT

Rabu, 21 & 28 September 2022
Pukul 13.00 WIB - Selesai

MUHANDIS SIDQI, S.Pd., M.Si.
Dosen Tetap Fis, Fakultas Ilmu Sosial dan Hukum (FIS) Universitas Negeri Surabaya

MC

Nurita Nurita M.
Mahasiswa Geografi

MODERATOR

Nurita Nurita M.
Mahasiswa Geografi

ST PENDIDIKAN GEOGRAFI FAKULTAS ILMU SOSIAL DAN HUKUM UNIVERSITAS NEGERI SURABAYA

ST PENDIDIKAN GEOGRAFI UNIVERSITAS NEGERI SURABAYA

WILAYAH GEOGRAFI DESA KOTA

DINAMIKA KOTA MASA DEPAN MENUJU KOTA CERDAS

PEMERER

M. Helmi Abidin, S.Pd., M.Sc.
DPR & Resilient Coordinator United Cities and Local Governments Asia Pacific

Partemur 1

Selasa, 26 September 2022
Pukul 09.00 WIB - Selesai
VIA ZOOM MEETING

Partemur 2

Kamis, 29 September 2022
Pukul 09.00 WIB - Selesai
VIA ZOOM MEETING

ST PENDIDIKAN GEOGRAFI FAKULTAS ILMU SOSIAL DAN HUKUM UNIVERSITAS NEGERI SURABAYA

ST PENDIDIKAN GEOGRAFI FAKULTAS ILMU SOSIAL DAN HUKUM UNIVERSITAS NEGERI SURABAYA

WORKSHOP KEWIRAUSAHAAN

RABU, 05 OKTOBER 2022
09.00 - 12.00 WIB

PEMERER

IRFAN HARSO PRABOWO
Kamarkoran Pengalangan Republik Indonesia

MC

Nurita Nurita M.
Mahasiswa Geografi

MODERATOR

Nurita Nurita M.
Mahasiswa Geografi

ST PENDIDIKAN GEOGRAFI FAKULTAS ILMU SOSIAL DAN HUKUM UNIVERSITAS NEGERI SURABAYA

ST PENDIDIKAN GEOGRAFI FAKULTAS ILMU SOSIAL DAN HUKUM UNIVERSITAS NEGERI SURABAYA

WORKSHOP PENYUSUNAN PROPOSAL PKM

JUMAT, 07 OKTOBER 2022
08.00 - 10.00 WIB

PEMERER

DR. HEMPIR SUYATNA S.SOS., M.Si.
Dosen Fis, Fakultas Ilmu Sosial dan Hukum (FIS) Universitas Negeri Surabaya

MC

TIYANA FEBRIANTI
Mahasiswa Geografi

MODERATOR

TIYANA FEBRIANTI
Mahasiswa Geografi

ST PENDIDIKAN GEOGRAFI FAKULTAS ILMU SOSIAL DAN HUKUM UNIVERSITAS NEGERI SURABAYA

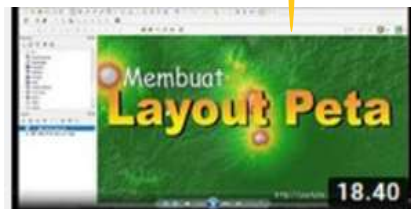


Learning Teaching → Visiting Profesor

Dr. Johannes Tschapka from Universitat Bielefeld, Germany gives a series of lectures in four meetings each year and is held online. The resource persons provided material for developing learning resources as teaching materials in geography education.



Digital learning media



Membuat Layout Peta

28 x ditonton • 3 hari lalu



Membuat Visualisasi DEM 2 Dimensional

34 x ditonton • 4 hari lalu



Cara Download SRTM 1 Arc

53 x ditonton • 1 minggu lalu



Cara Download SRTM 3 Arc

63 x ditonton • 1 minggu lalu



Digitasi Poligon Dalam Poligon

93 x ditonton • 3 minggu lalu



Cara Memotong Citra

111 x ditonton • 1 bulan lalu



Network Analysis

450 x ditonton • 6 bulan lalu



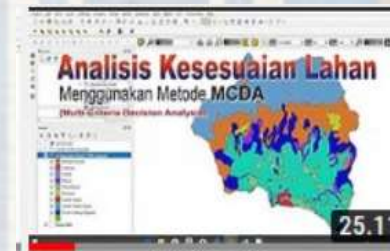
Cara Membuat dan Interpretasi Citra Multi...

995 x ditonton • 7 bulan lalu



Cara Menghitung Erosi dengan USLE Menggunakan...

1,6 rb x ditonton • 7 bulan lalu



Analisis Kesesuaian Lahan menggunakan Multi Criteria...

1,2 rb x ditonton • 7 bulan lalu



Cara Membuat Peta Kontur dari data citra GDEM ASTER



Cara Membuat Peta Curah Hujan Tipe Poligon Thiessen



Indeks Kekasaran Permukaan



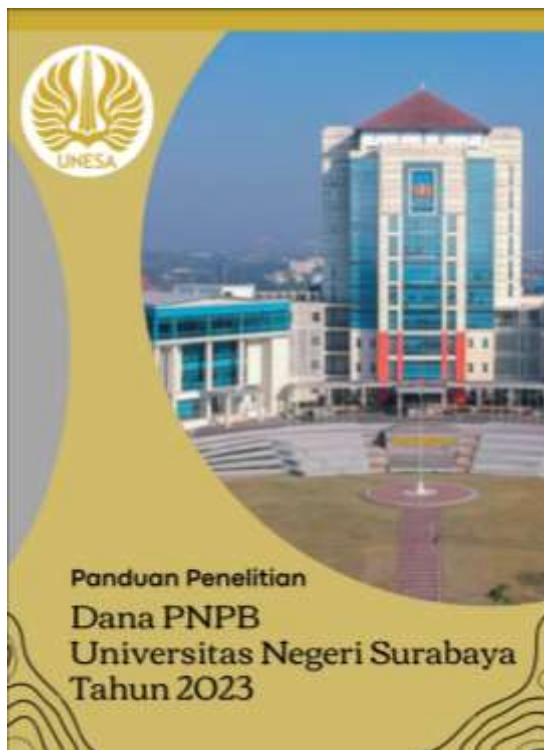
Cara Membuat Citra Kemiringan Lereng Slope



Mencari Nilai Korelasi Antar Data Penginderaan Jauh



Research & Community Service
guidebook



Research & Community Service → Part of teaching & learning

Research grup :

❑ Geography Education

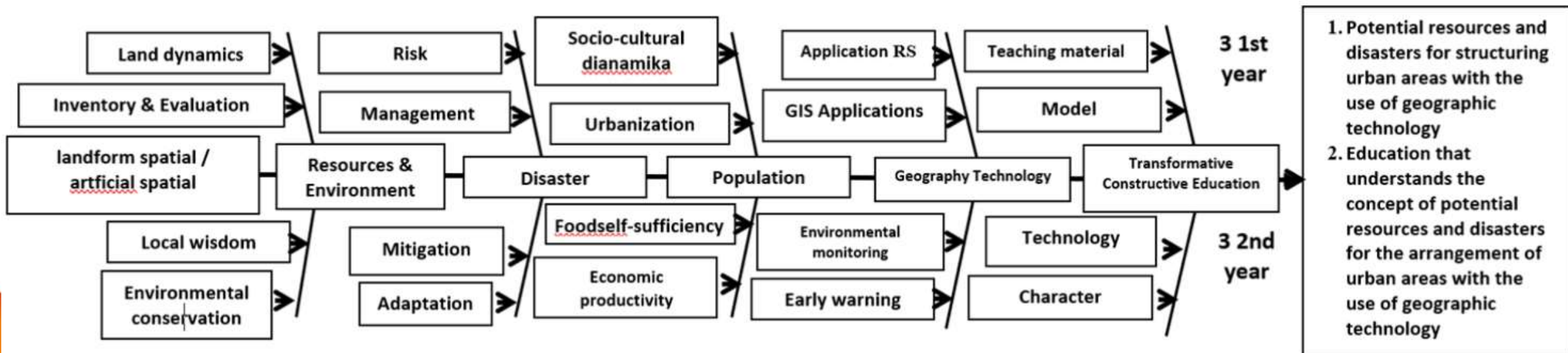
❑ Urban

❑ Karst

❑ Geography Information Sains

❖ Social
Humanities
❖ Environmental
❖ Disaster

Roadmap Research & Community Service





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Analysis of Singgahan-Tuban Karst Geopark as a Social Science Learning Resource Facility in Outdoor Learning Activities

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⁶ Universiti Pendidikan Sultan Idris, Malaysia

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The Development of Social Studies Lesson Plan Based on ESD: Theme of the Rise of Local Entrepreneurs

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International Colaboration Research

Journal of Tourism and Geosites
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DOI 10.30892/jtg.422spl19-890

ASSESSING SURVIVAL FACTORS OF RICE FARMERS IN THE FLOOD-PRONE AREA: A CASE STUDY IN BOJONEGORO DISTRICT, INDONESIA

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Advances in Social Science, Education and Humanities Research, volume 627
Proceedings of the Eighth Southeast Asia Design Research (SEA-DR) & the Second Science, Technology, Education, Arts, Culture, and Humanity (STEACH) International Conference (SEADR-STEACH 2021)

How Does Social Science Education Drive Marketing Mindset to Shape Entrepreneurial Interest?

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¹ Universitas Negeri Surabaya, Indonesia

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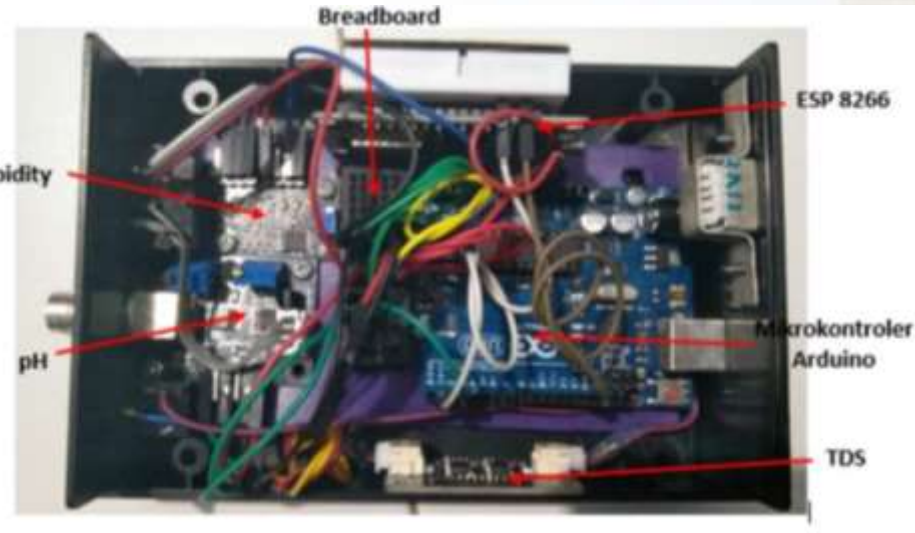
Karst groundwater quality sensor device

The sensor device was applied to the karst underground river of Goa Gremeng as a test location.

- a. Turbidity Sensor,
- b. Temperature sensor,
- c. pH sensor,
- d. sensor house.



Water quality sensor device in drinking water network



This device is currently being applied to the SPAMDUS network in Genjahan Hamlet, Genjahan Village, Kapanewon Ponjong, Gunungkidul Regency. The sensor device is connected to a system that functions to receive, store and distribute data remotely based on GPRS/WiFi.

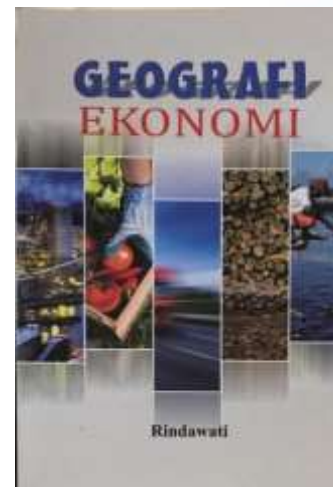
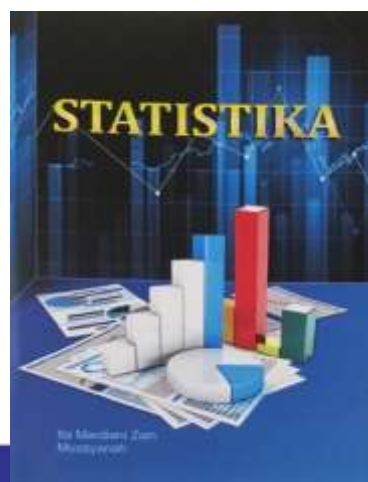
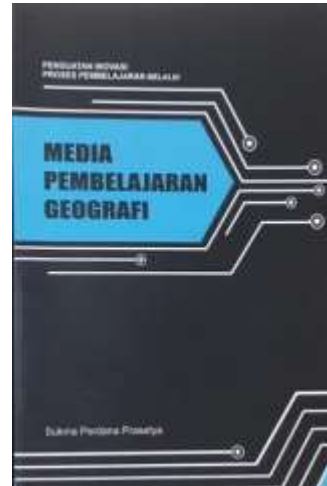
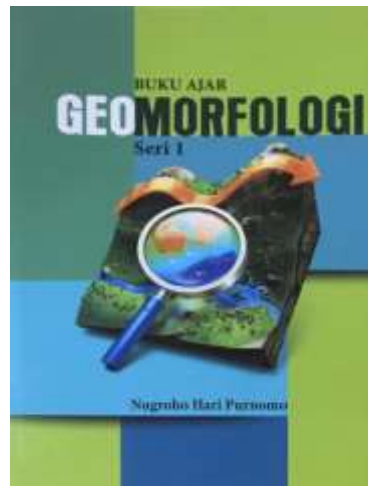
The Smart Water Quality Monitoring And Management System

Smart Water Quality Monitoring And Management System is an application developed to distribute water quality information on the drinking water network. In addition, this application is also integrated with the administrative management system.



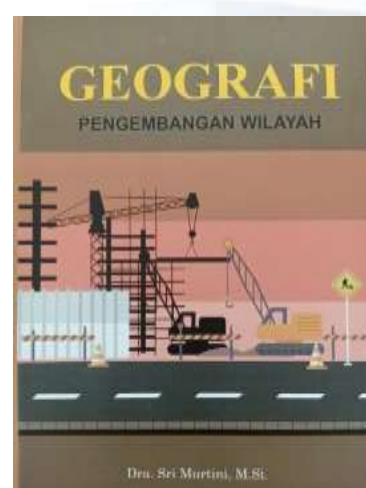
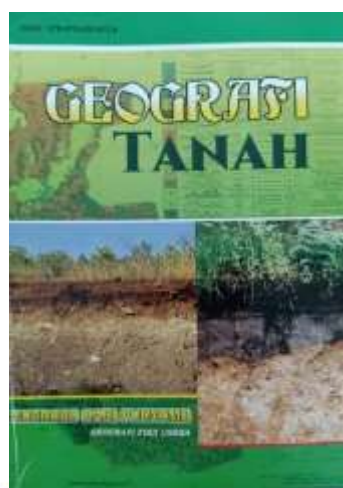
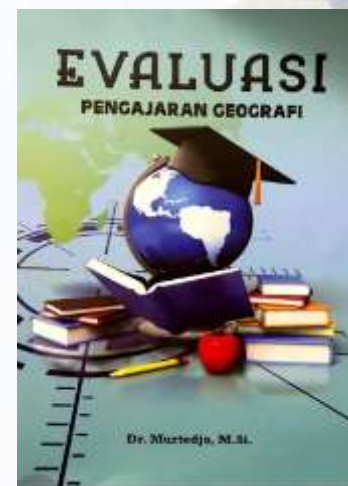
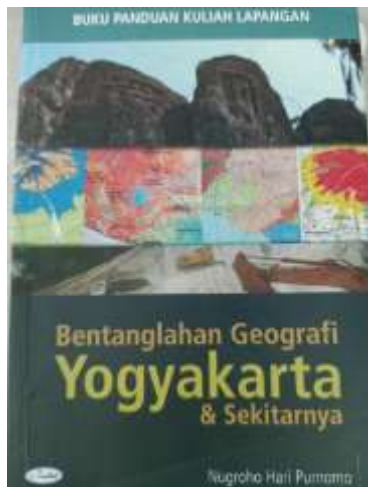


Textbooks of lecturer research results





Textbooks of lecturer research results





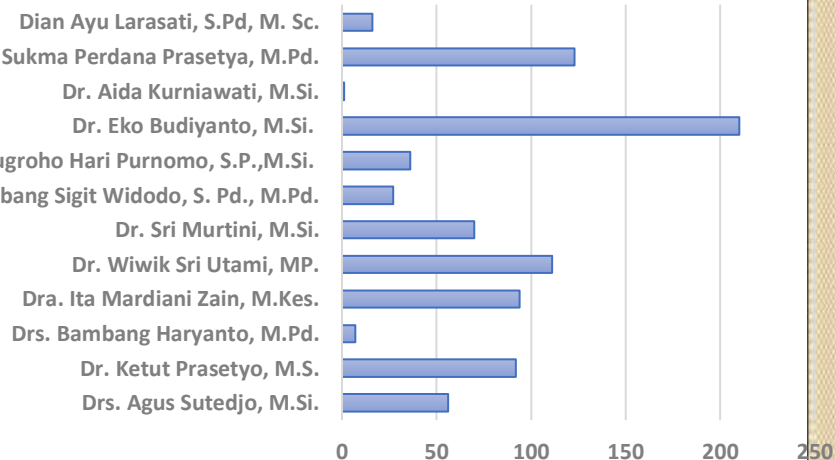
Learning media of lecturer & student research results





achievement and recognition of lecturers

Google scholar citation



Copyright

REPUBLIC INDONESIA
KEMENTERIAN HUKUM DAN HAK ASASI MANUSIA

SURAT PENCATATAN CIPTAAN

Dalam rangka perlindungan ciptaan di bidang ilmu pengetahuan, seni dan sastra berdasarkan Undang-Undang Nomor 28 Tahun 2014 tentang Hak Cipta, dengan ini menerangkan:

Nomor dan tanggal permohonan : EC00202182624, 22 Desember 2021

Pencipta
Nama : Dr. Sri Murtini, M.Si dan Drs. Agus Sutedjo, M. Si.
Alamat : Perumahan Gunung Sari Indah Blok EE No. 10 Surabaya, Surabaya, JAWA TIMUR, 60223
Kewarganegaraan : Indonesia

Pemegang Hak Cipta
Nama : LPPM Unesa
Alamat : Unesa Kampus Lidah, Surabaya, JAWA TIMUR, 60213
Kewarganegaraan : Indonesia
Jenis Ciptaan : Buku Panduan/Petunjuk
Judul Ciptaan : LKM Geografi Pariwisata
Tanggal dan tempat diumumkan untuk pertama kali di wilayah Indonesia atau di luar wilayah Indonesia : 13 Desember 2021, di Surabaya
Jangka waktu perlindungan : Bertaku selama hidup Pencipta dan terus berlangsung selama 70 (tujuh puluh) tahun setelah Pencipta meninggal dunia, terhitung mulai tanggal 1 Januari tahun berikutnya.
Nomor pencatatan : 000307440

adalah benar berdasarkan keterangan yang diberikan oleh Pemohon.
Surat Pencatatan Hak Cipta atau produk Hak terkait ini sesuai dengan Pasal 72 Undang-Undang Nomor 28 Tahun 2014 tentang Hak Cipta.

Menyatakan Menteri Hukum dan Hak Asasi Manusia
Direktur Jenderal Kekayaan Intelektual
a.n.
Direktur Hak Cipta dan Desain Industri

Dr. Syarifuddin, S.T., M.H.
NIP.197112182002121001

Disclaimer:
Dalam hal pemohon memberikan keterangan tidak sesuai dengan surat pernyataan, Menteri berwenang untuk mencabut surat pencatatan permohonan.

Patent

FORMULIR PERMOHONAN PENDAFTARAN PATEN SEDERHANA INDONESIA APPLICATION FORM OF PATENT REGISTRATION OF INDONESIA

Data Permohonan (Application)

Nomor Permohonan Number of Application	: S00202213126	Tanggal Penerimaan Date of Submission	: 19 November 2022
Jenis Permohonan Type Of Application	: Paten Sederhana	Jumlah Klaim Total Claim	: 1
		Jumlah Halaman Total Page	: 6
Judul Title	: FILTER AIR BAWAH TANAH KARST TERINTEGRASI		

Abstrak
Abstract : Invensi ini berupa alat filter air bawah tanah karst yang terintegrasi dengan perangkat sensor, mikrokontroler, dan IoT untuk menghasilkan kualitas air bawah tanah karst dengan nilai TDS (Total Dissolved Solid), pH, dan kekeruhan yang sesuai dengan standar baku mutu air bersih. Invensi ini terdiri dari tabung filtrasi, tabung kontrol kualitas air, perangkat pengulang proses filtrasi, mikrokontroler, dan perangkat IoT.

Permohonan PCT (PCT Application)

Nomor PCT PCT Number	:	Nomor Publikasi Publication Number	:
Tanggal PCT PCT Date	:	Tanggal Publikasi Publication Date	:

Pemohon (Applicant)

Nama (Name)	Alamat (Address)	Surel/Telp (Email/Phone)
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Penemu (Inventor)

Nama (Name)	Warganegara (Nationality)	Alamat (Address)	Surel/Telp (Email/Phone)
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Dr. Muzaynah, M.Si.	Indonesia	RT 02/ RW 05, Perum ITS, Jl. Komputer II/US1, Keputih, Sukolilo, Surabaya, Jawa Timur, ID	
Dr. Aida Kurniawati, M.Si.	Indonesia	RT 07/RW02, Dusun Sidomukti, Desa Kraton, Krian, Sidoarjo, Jawa Timur, ID	
Dr. Nugroho Hari Purnomo, M.Si.	Indonesia	Jl. Mudara 13 AE-06, RT01/RW012, Desa Petiken, Driyorejo, Gresik, Jawa Timur, ID	

Data Prioritas (Priority Data)

Negara (Country)	Nomor (Number)	Tanggal (Date)
---------------------	-------------------	-------------------

Korespondensi (Correspondence)

Nama (Name)	Alamat (Address)	Surel/Telp (Email/Phone)
LPPM - Universitas Negeri Surabaya	Gedung rektorat Kantor LPPM Lantai 6 Kampus Universitas Negeri Surabaya Lidah Wetan	lppm@unesa.ac.id



Community Service

Development of teaching materials for teachers to improve quality in secondary education →



← Training on making organic household fertilizers held by geography Unesa at Sekarjalak Margoyoso Pati

Community Service

Socialization of the use of clean water distribution systems and water quality in local water installations in Ponjong Gunungkidul. Research results Dr. Eko Budiyanto which is implemented in the community to overcome problems in the distribution and quality of clean water.





Student



[Student Handbook for International Student](#)



[Student Handbook for National Students](#)

Geography student organization routine activities every year

No	Activity	Time
1	Joint Deliberations and HMJ Geography Education Work Meetings	Semester Gasal (TS-2)
2	Geography of Caring for Others (GPS)	Semester Gasal (TS-2)
3	Socialization of entrepreneurial student program (PMW)	Semester Gasal (TS-2)
4	LKMMTD Department of Geography Education	Semester Gasal (TS-2)
5	Ramadan Sharing	Semester Gasal (TS-2)
6	Khotmil Qur'an	Semester Gasal (TS-2)
7	PKM Training	Even Semester (TS-2)
8	Student Online Talk (BIOMA)	Even Semester (TS-2)
9	Geography of Service	Even Semester (TS-2)
10	Greater Geography Scientific Week (PIGORA)	Even Semester (TS-2)
11	Geography Magazine	Even Semester (TS-2)
12	WEBINAR OF TOEFL PREPARATION	Even Semester (TS-2)
13	PKKMB Department of Geography Education	Even Semester (TS-2)
14	Sports and Arts Week (PORSENI)	Even Semester (TS-2)



<https://admisi.unesa.ac.id/>

Student Admissions & Student Study Period

1. National Selection in State Universities (SNMPTN) → test
2. Joint Selection to Enter State Universities (SBMPTN) → performance
3. Independent UNESA → test / performance (academic/non academic) / cooperation

Table 3.4.1 Geography Education Study Program of Students Registrant

NO.	ACADEMIC YEAR	SNMPTN	SBMPTN	INDEPENDENT PATH	AMOUNT	ACCEPTED
1	2020/2021	286	316	122	724	81
2	2021/2022	267	262	139	688	92
3	2022/2021	276	325	121	720	119

Current active student (2023): 455 student

Ratio student : Lecturer
= 1 : 27

Tahun Masuk	number of students admitted	number of students graduating							number of graduates until the end of the year (TS)	% study period on time	% study success
		2016	2017	2018	2019	2020	2021	2022			
2016	94				45	25	4	7	81	$45 / 94 * 100 = 47.87$	$81 / 94 * 100 = 86.17$
2017	115					19	48	9	76	$19 / 115 * 100 = 16.52$	$76 / 115 * 100 = 66.09$
2018	117						42	32	74	$42 / 117 * 100 = 35.90$	$74 / 117 * 100 = 63.25$
2019	92							2	2	$2 / 92 * 100 = 2.17$	$2 / 92 * 100 = 2.17$

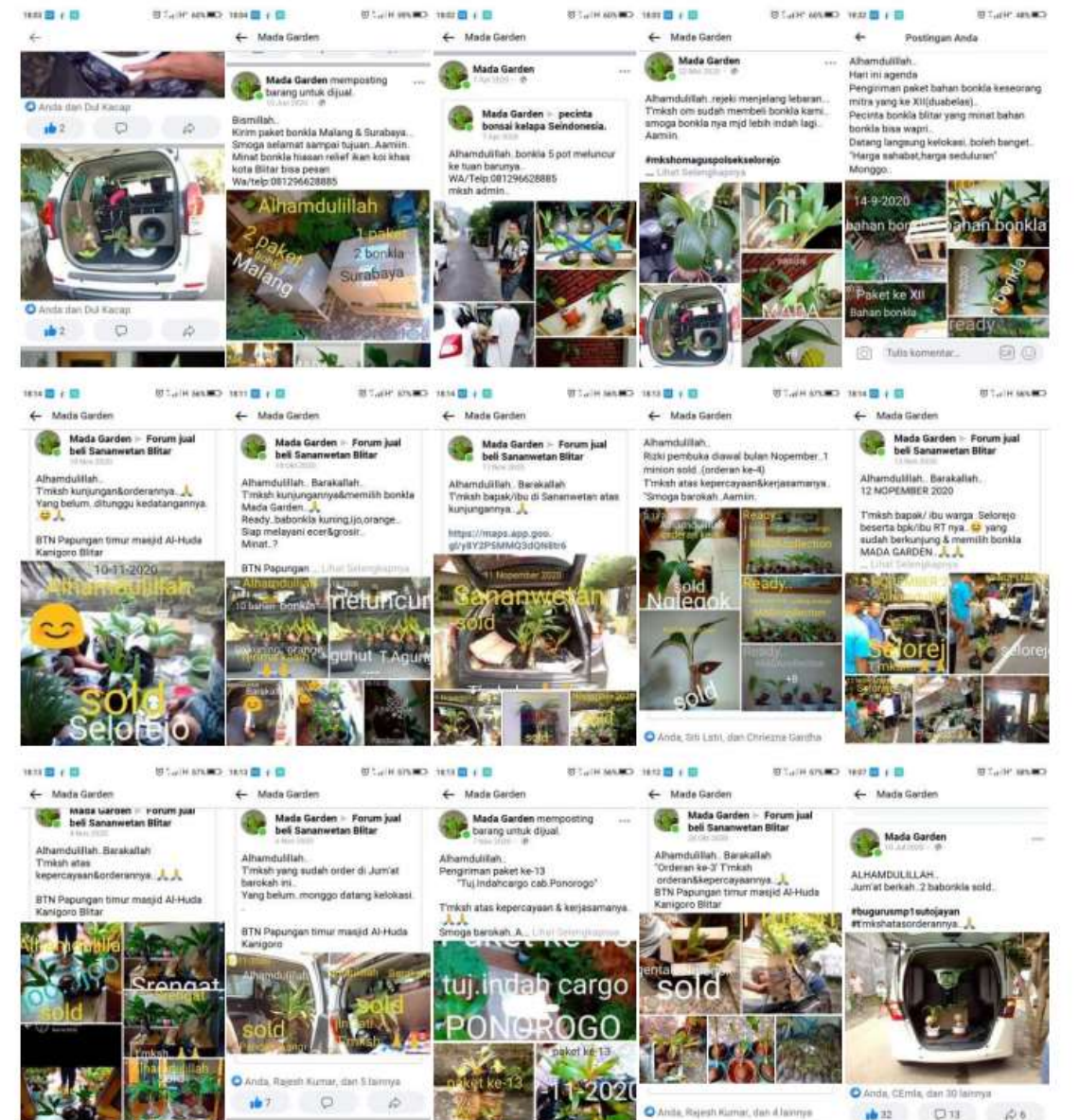
student study period (2023)

average student study period : 4,82 y



National achievement

National achievement of student creativity in the field of entrepreneurship by Unesa geography student Prima Rahman. The theme taken is a coconut bonsai product with the BONS CO_NUT brand in Belitar Regency, East Java





Students Outbound

STUDENTS OUTBOUND geography student Prima Rahman (2021) to Universiti Sultan Zainal Abidin and Muhammad Bintang Walistya (2022) to Universitas Kebangsaan Malaysia as part of Unesa's internationalization of geography education



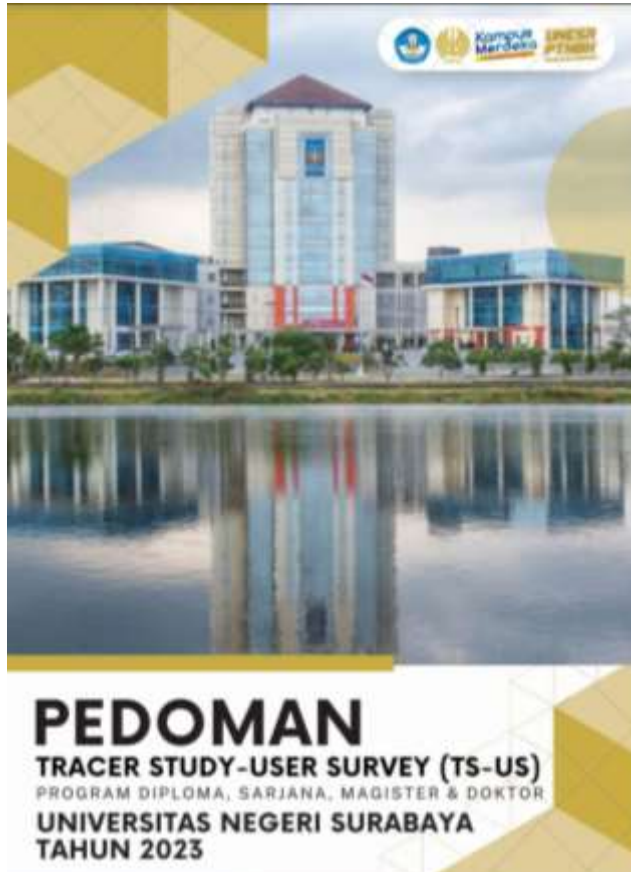
UNIVERSITI
KEBANGSAAN
MALAYSIA
*National University
of Malaysia*





Alumni

WEB → tracerstudy.unesa.ac.id



Tracer Study & User Survey guidebook

www.unesa.ac.id

Geography graduate :

- ❑ Long time to get a job ≤ 6 months → 55,13%
- ❑ Work Suitability → 50% (geography teacher)
- ❑ Suitability of academically aligned work fields →
 - ❖ one level higher → 14,4% (spatial analyst, consultance etc)
 - ❖ same level → 77,19% (bank employees, educator etc)

Job Information Media	Percentage answer
Via Instagram	5.49%
Apply to institutions without knowing the available vacancies	1.70%
Go to job fairs/shows	1.29%
Searching via internet/online advertising/mailling list	3.70%
Via WA	16.29%
Via Telegram	4.84%
Via Social Media	5.98%
Obtaining information from the career development center/office faculty/university	5.42%
Contact the student affairs office/alums relations	4.18%
Building a network (network) since I was in college	1.68%
Through relationships (eg lecturers, parents, siblings, friends, etc.)	28.52%
Build their own business	11.79%
Working in the same place as the workplace during college	7.59%
Other	1.56%
TOTAL	100%

Teaching Staff



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NIDN : 0020085904



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NIDN : 0028089204

July 2023

Profesor : 1

Ass Prof. : 6

Lecturer : 7

New Lecture : 3

Prof : 1

Dr : 11

M.Sc : 5



Recruitmen staff

Lecturer needs
analysis :

1. Number of lecturers who will retire or die or move
2. The ratio of lecturers to students according to the rules
3. Strategic plan to increase the number of students
4. New organizational development plan

candidates for civil servants (CPNS)
<https://cpns.kemdikbud.go.id>.
<https://sscasn.bkn.go.id/>.

non civil servant permanent lecturer /
staff
<https://recruitment.unesa.ac.id/login>

Recruitment
selection :

1. Registration by uploading the registration file
2. Administration Selection
3. Academic Potential Test
4. Psychological Test
5. Interview Test
6. Announcement of final acceptance results
7. Filing



Human Resources Devolement

Improving the quality of lecturer competence
in learning with certification



5 Laboratories in The Geography Education Study Program

Learning Resources

- Integrated Geography Laboratory
- Basic Remote Sensing and Cartography Laboratory
- Geographic Information System & Digital Remote Sensing Laboratory
- Geography Learning Media Laboratory
- Micro Teaching Laboratory



SERTIFIKAT

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Kutipan dari Keputusan Direktorat Jenderal Pendidikan Tinggi, Riset dan Teknologi
Kementerian Pendidikan, Kebudayaan, Riset, dan Teknologi Republik Indonesia

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Jakarta, 03 Oktober 2022

Pt. Direktur Jenderal Pendidikan Tinggi,
Riset, dan Teknologi



Prof. Ir. Nisam, M.Sc., DIC., Ph.D., IPU, ASEAN Eng
NIP. 196107061987101001

Scientific publication

(sinta 4) →

<https://journal.unesa.ac.id/index.php/jg>

Library :
Space area : 8
x 6 m

- foreign language collection : 143 book
- Indonesian collection: 615 book



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education, local
government, non-
governmental
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Publik Information → <https://geo.fish.unesa.ac.id/>

