



UNIVERSITAS GADJAH MADA
Directorate of Community Services

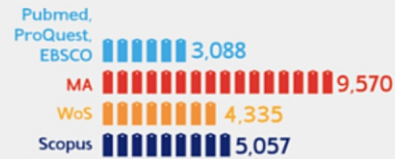
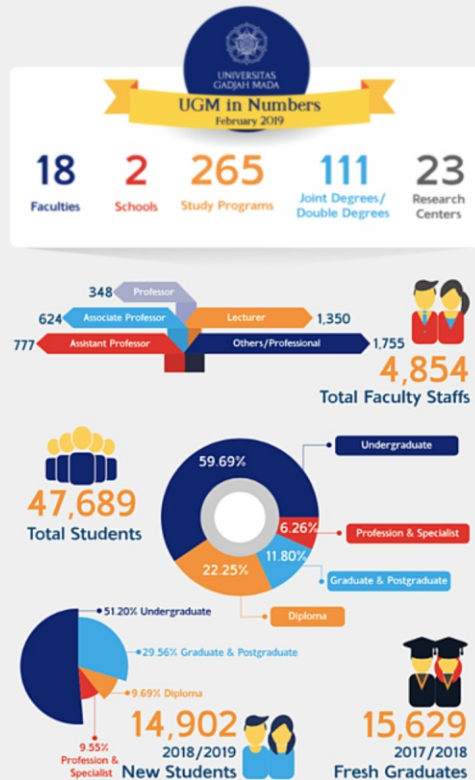
Inspiring

Community Services

Desember, 2019

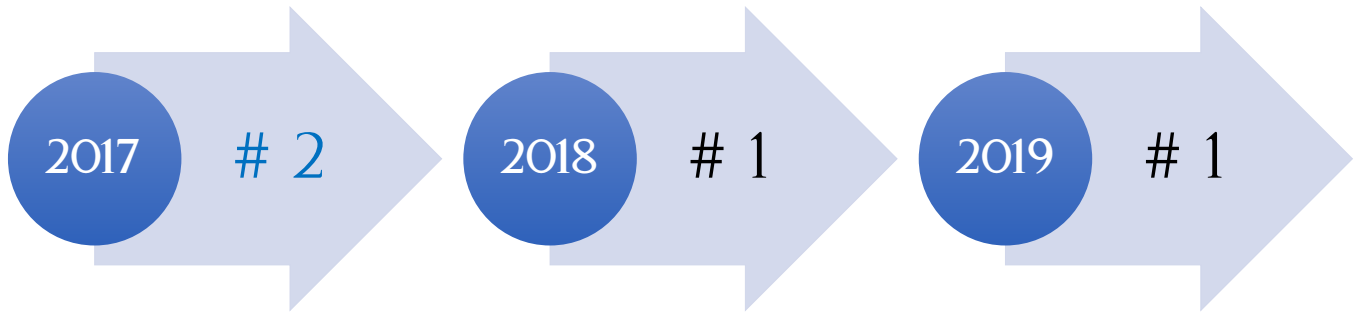
Universitas Gadjah Mada
Indonesia





*) 2014-2018
**) Accumulative per 2018

UGM's National Rank of Higher Education in Community Services



Deep Rooted and Long History of Community Service

Universitas Gadjah Mada was officially established on December 19, 1949 as a national university. Considered as one of the oldest universities in Indonesia, Universitas Gadjah Mada serves as a pillar of educational awakening in Indonesia, and purports to be a defender and disseminator of Pancasila. When it was founded, Universitas Gadjah Mada only had six faculties.

Universitas Gadjah Mada was born out of revolutionary struggle for independence of the Indonesian nation. Founded in the early period of independence, UGM was declared as the scientific and cultural centre for national higher education administration.



During period of 1951-1962, UGM sent 1218 students as volunteers to many places outside Java Island. They established 129 high schools and taught there. This is considered to be start of student community services (well known as Kuliah Kerja Nyata-KKN). This KKN was declared as elective course in 1971. Start from 1979, KKN is an obligated course for all undergraduate student in UGM.

First Rector As National Hero

The first rector of Universitas Gadjah Mada (for 11 years), Prof. dr. Mas Sardjito, MPH, was granted the title of National Hero.

He was a complete scholar, independence fighter, active in social, cultural, peace, and arts activities. His services in numerous roles were not just given to UGM but also the wider public and various institutions.

During the revolution period where everything was limited, Sardjito had supplied medication, vaccines and vitamins for the Indonesian troops. The research of Sardjito that is very popular is on Calculus to treat kidney stones. He was also known as the founder of the Indonesian Red Cross (PMI). He was first Indonesian scholar leading the Institut Pasteur. He was also dedicated in education area through the founding of UGM and developing other universities in Indonesia (Universitas Airlangga, Universitas Andalas and Universitas Jendral Soedirman). He presented the research on the reliefs of Borobudur Temple to an international congress in Manila in 1953 that opened the eyes of the world on the ancient Indonesian civilisation. In 1991 Borobudur was named as a world heritage.

The name of this figure is immortalised in the name of Yogyakarta general hospital, Dr. Sardjito General Hospital.



SDG Centre in UGM

- Continuous improvement of management for SDG program and activity (run by all schools, centre of studies and directorates)
- Maintaining optimum number and coverage of SDG program and activity
- Increasing impact and sustainability of benefit
- Strengthening and enlarging network of synergy



Rector of UGM received Certificate of Acknowledgement for SDG Centre from Ministry of National Development Planning/National Development Planning Agency

Regional Centres of Expertise (RCE)

Regional Centres of Expertise on Education for Sustainable Development



On December 17th, 2007, United Nation University (UNU) located in Tokyo, Japan, delivered an award to UGM. On that event UGM was certified as one of 39 Regional Centres of Expertise (RCE). UGM is considered to become a local international network, to campaign on education on sustainable development.

RCEs around the world

There are 135 acknowledged RCEs as of Jan 2015

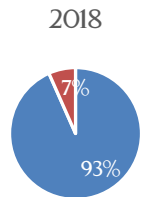
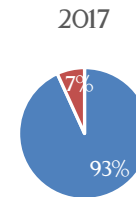
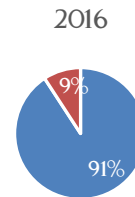
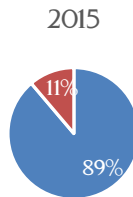
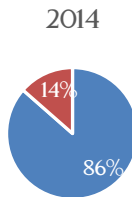
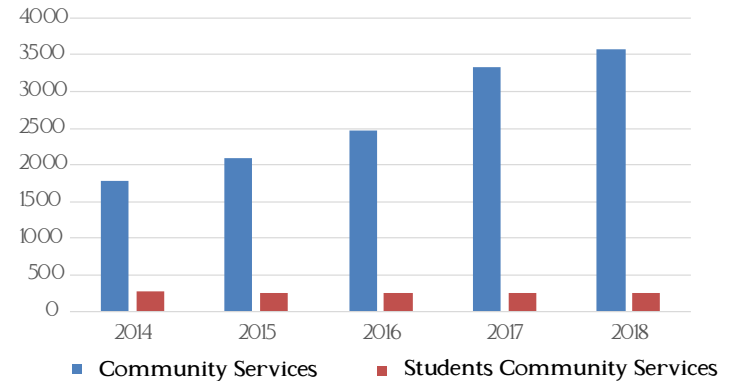
www.rce-network.org/

RCE Recognition Award

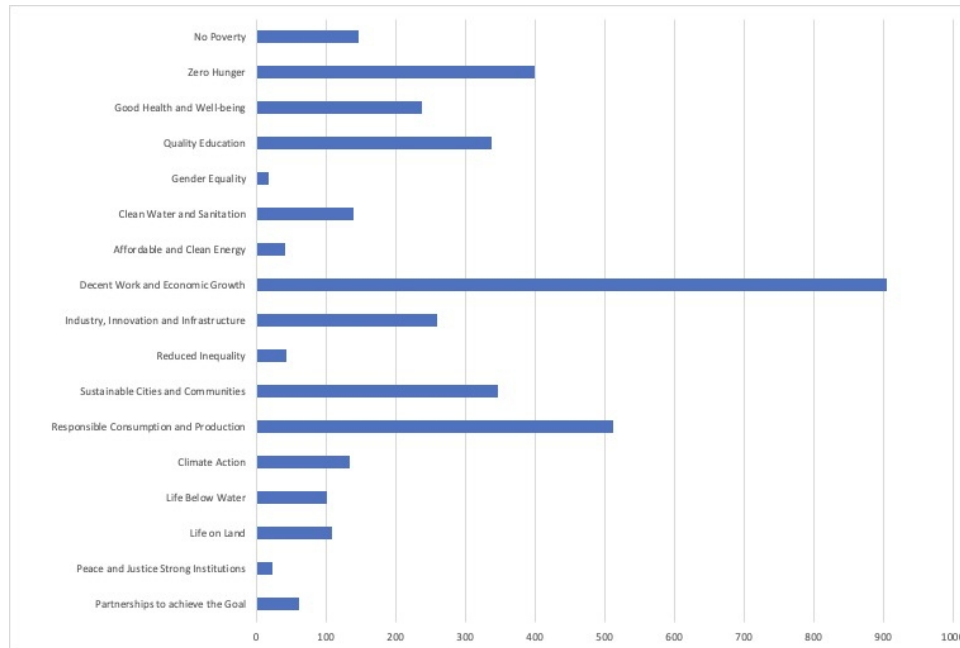


UGM Services to Community (2014-2018)

UGM is always passionate in providing services to community. It defines community service as well planned systematic implementation and development of art, science and technology for human well-being. UGM expresses it in thousands activities of community services annually. The activities include Student Community Services and various other types



Community Services Categorized in SDGs (2016-2019)



Each activity of community service is categorized into SDG. Monitoring and evaluation system is implemented to have picture in improvement opportunity in each goal of SDG. It provides basis for decision making in improving the program and activities as well as strengthening the impact.

Number of activities. Data by Nov, 14th 2019

Student Community Services– Community Empowerment Learning (SCS-CEL)

Student Community Services Community Empowerment Learning (SCS-CEL) is compulsory course for UGM's undergraduate students. Around 7500 students annually joint this program. The same program is adapted for international student during their study period. Students as a group lives in the community for about 8 weeks and empowers them from within.

Conducting community services where students work with their group and are involved with the community to face and solve their problems is an approach to build and strengthen awareness and care. Through community service, as an inherent part of world-class education, students will have excellent grass-root understanding and global competence.

The program should based on research using multidisciplinary approaches and be supported by a collaboration between UGM and local government, industry, or other stakeholders.

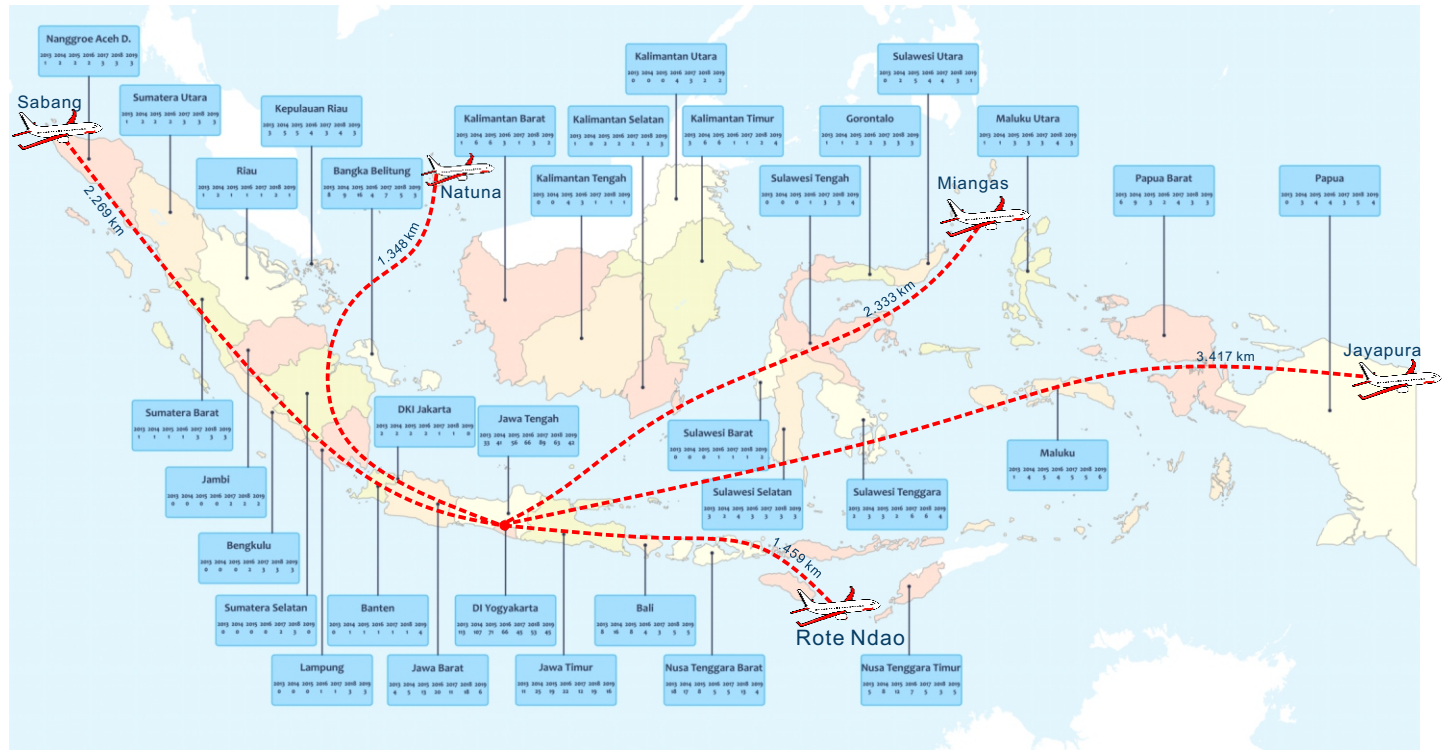


Popular Topics of Student Community Service

- Education in remote area
- Community-base health development
- Women empowerment
- Early warning system and mitigation of disaster
- Cultural-based exploration on natural resource
- Cultural-based resolution of conflict
- Capacity building for local government and village administration
- Literation developmen on law and politics
- Development of Micro, Small and Medium Enterprise
- Sustainable farming development
- Sustainable tourism development

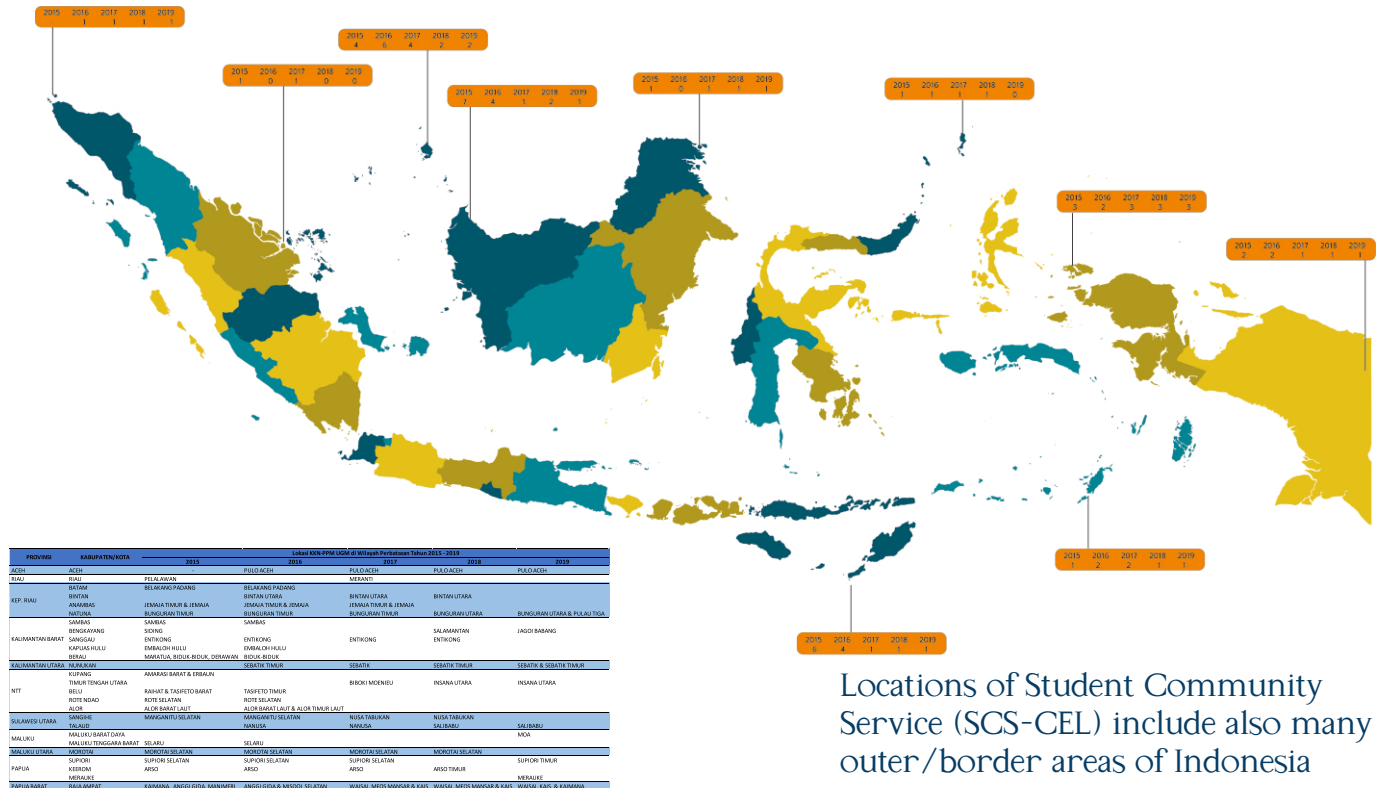
25-30 students work in a unit which consists of minimal three discipline clusters. They stay in community for 8 weeks.

Student Community Services Community Empowerment Learning (SCS-CEL)

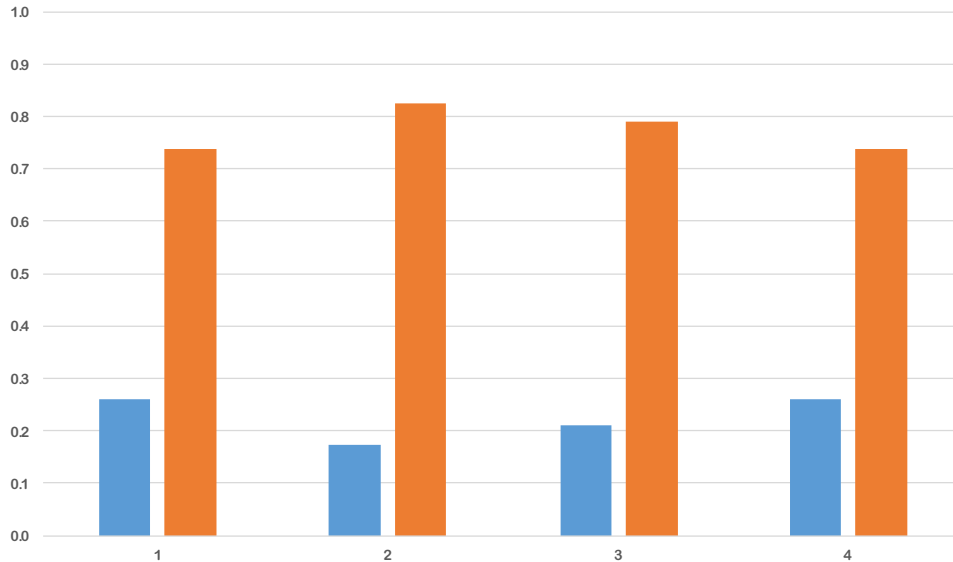


Location of SCS-CEL (2013-2019)

Student Community Service (SCS-CEL) in Outer/Border Areas (2015-2019)



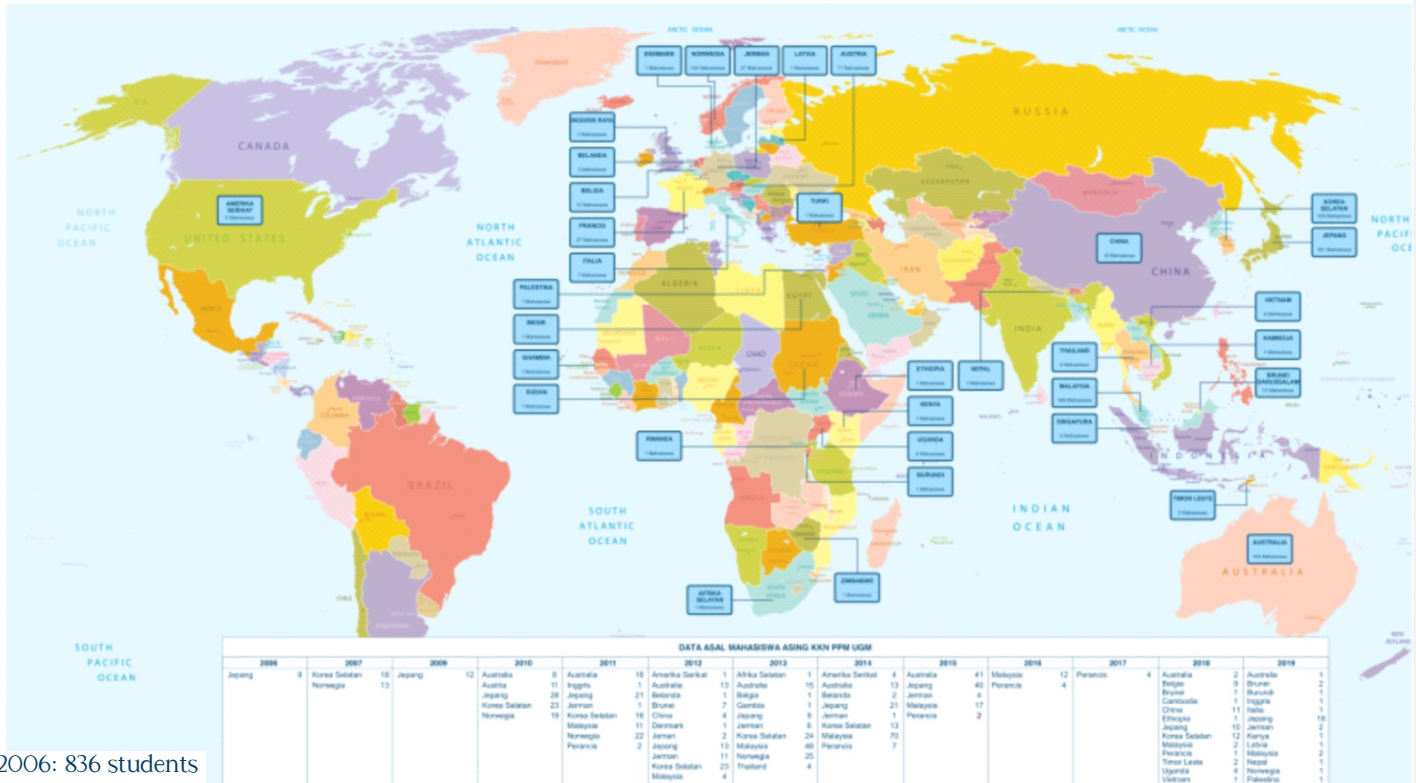
Student Community Services (SCS-CEL) in Yogyakarta and Other Locations



UGM is located and growing in Yogyakarta Special Region. This region becomes one of main target of UGM community services, including student community services.

Data: 2016-2019., as percentage of total unit. Per unit = 25-30 students.
Total Unit in 2016: 251, 2017: 243, 2018: 253, 2019: 236
(blue: in Yogyakarta, orange: in other locations)

Countries of International Student in UGM SCS-CEL (2006-2019): Cross Bourders, Mutual Understanding, Global Collaboration



since 2006: 836 students from 35 countries were participated in SCS-CEL

UGM provides grant in community service

Village Community Empowerment Program

This program is intended to help community to solve their problems through multi-sectoral approach. It also guides the village community to improve their socio-economic conditions and facilitate citizens' access to information and knowledge. This program empowers the village community to optimise their potential in order to utilise their resources.

Appropriate Technology in Community Empowerment Program

Use of Appropriate Technology improves community welfare, by applying science, technology, art and culture that can be implemented directly in the community, so that it can improve community welfare

Education for Sustainable Development (ESD)

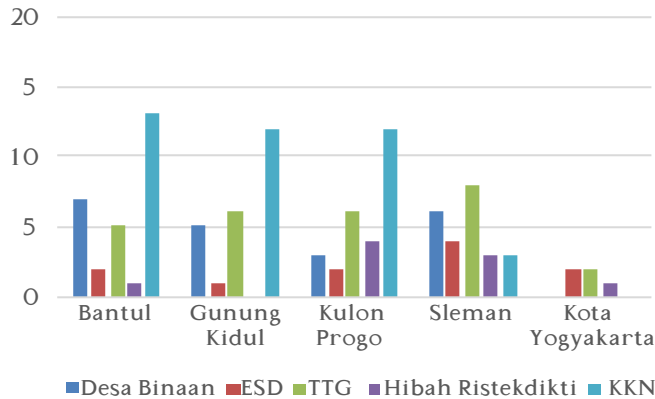
This program aims to change the orientation of education and learning that each individual has equal opportunity to obtain knowledge, skills, values, attitudes and behaviours that can strengthen them in contributing to sustainable development.

Development of micro, small and medium enterprises (MSME)

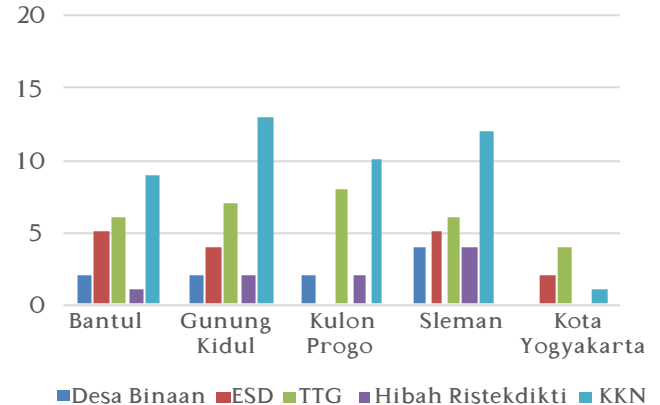
Various program to develop MSME in the form of consultation, training and technological support. The program is also targeted to 1) establish MSME competitive advantage through research and development and provide ease of information access to MSME domestic and international market, 2) build MSME national network and MSME Development centre as the focal point of MSME development, 3) establish strategic alliance with national and multinational companies to support MSME role as global business players.

Selected Community Services in Yogyakarta

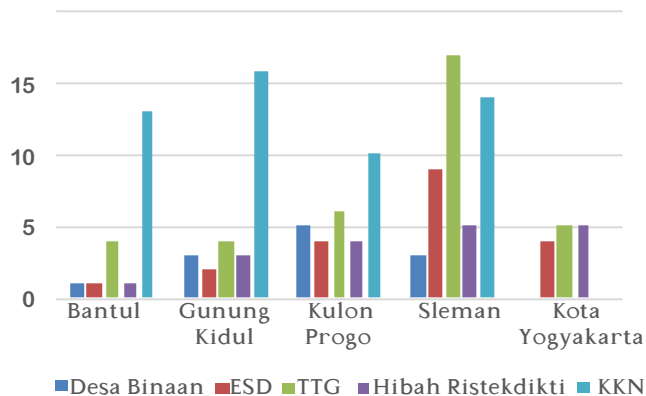
2017



2019



2018

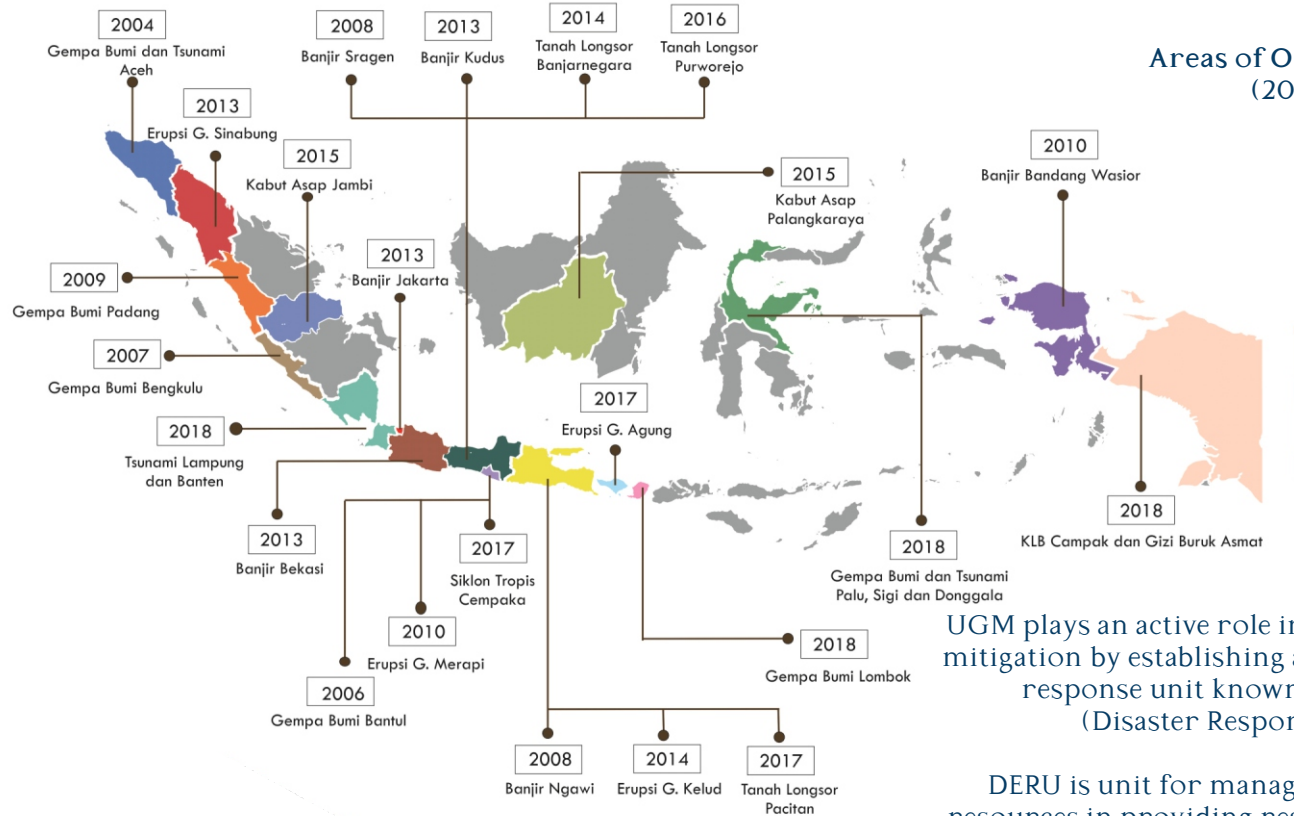


UGM provides and manages various type of grants of community services:

- UGM grant (Village Community Empowerment (Desa Binaan), Education for Sustainable Development (ESD) and Appropriate Technology (Teknologi Tepat Guna)),
- Grant of Research, Technology and Higher Education(Ristekdikti).

(year: 2017-2019. data does not include: community services funded by other sources)

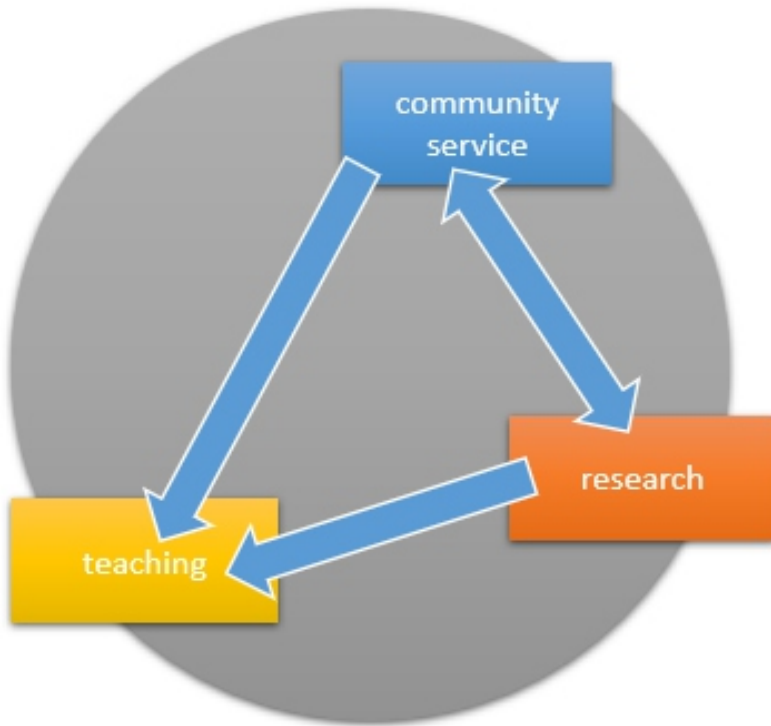
Disaster Response Unit (DERU)



UGM plays an active role in disaster mitigation by establishing a disaster response unit known as DERU (Disaster Response Unit).

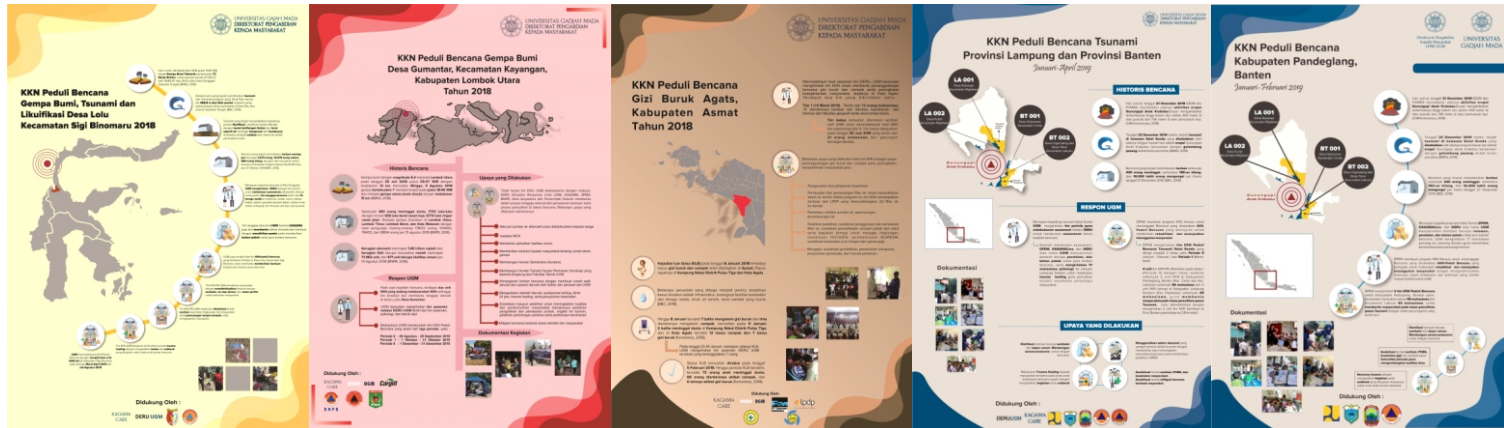
DERU is unit for managing UGM resources in providing response to disaster.

Three main tasks of Indonesian higher education institution, known as Tridharma: teaching, research & community service



the three main tasks are carried out in integrative systemic approach to achieve **benefit sustainability** of any program

Disaster Response Unit (DERU) Integrated with Student Community Service (SCS-CEL)



In many selected disaster areas, UGM manages disaster response, which is an integration between DERU and SCS programs. The programs apply comprehensive approach and express strong collaboration between UGM and its partners. In selected areas they were run during multiyears period.



International Students during Student Service



ICT-enabled In-service Training of Teachers to Address Education for Sustainability [ICTeEfS]

(start: Feb 2019. duration: 3 years)

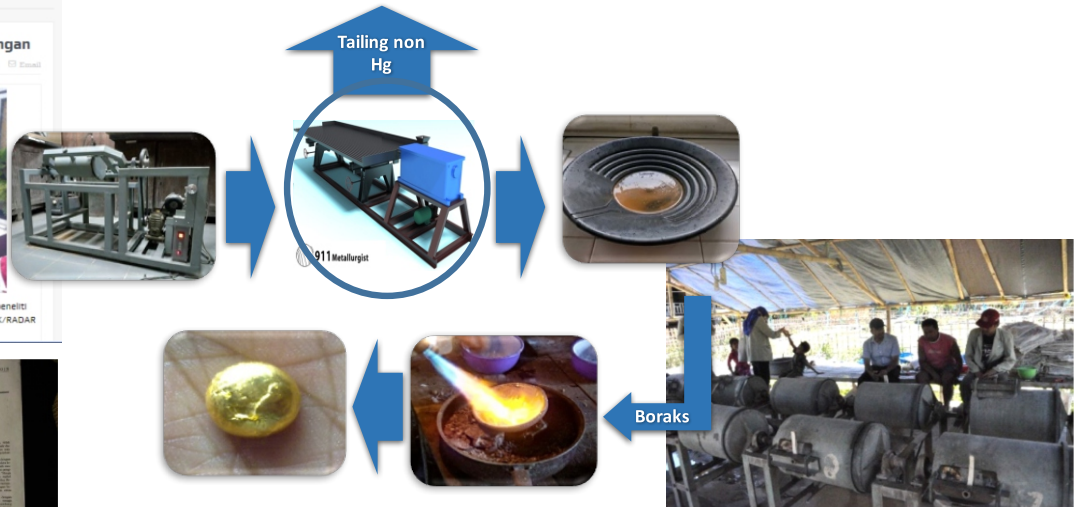


1. Frederick University, Cyprus
2. Universiti Teknologi Malaysia
3. University of Crete, Greece
4. Universiti Sains Malaysia
5. Open University Malaysia
6. Universitas Pendidikan Indonesia
7. University of Social Sciences and Humanities Vietnam
8. International University Vietnam
9. Universitas Gadjah Mada





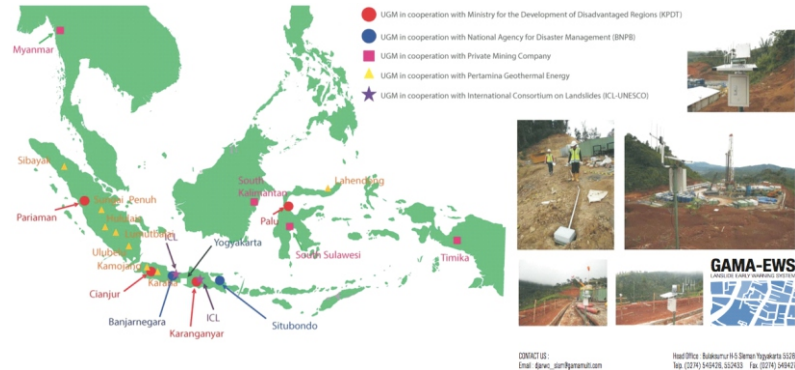
Sustainable Community-Based Gold Mining (in Seteluk – West Nusa Tenggara. multiyears. interdisciplinary program)



GAMA-EWS

LANDSLIDE EARLY WARNING SYSTEM

GAMA-EWS is a Complete an comprehensive set of landslide early warning system (EWS) developed bay Universitas Gadjah Mada (UGM). it comprises of several instruments such as extensometer, tiltmeter, rain gauge, and groundwater level. with its unique features an innovation, GAMA-EWS has been implemented in over 14 provinces in Indonesia and Myanmar by the local goverment, internatinal organization, and privat companies such as Pertamina Freeport, Inco, Arutmin and United mercury Group.



School for Traditional Market (Sekolah Pasar Rakyat)



Traditional Market Empowerment
For better management of traditional market
to face global economy within framework of
Community Based Economic

(Pusat Studi Ekonomi Kerakyatan UGM)



Increasing Income For Poverty Eradication Through Green Business Supported By Renewable Energy



(Kemala program by Centre for Energy Studies, Centre for Democratic Economics Studies, CCES and Lakpesdam Nahdatul Ulama)

July 2016-Feb 2018

in 3 remote villages in 2 desa in 2 provinces (West Sumatera and Jambi)

- Installation of photovoltaics of 73 kWp total capacity at 306 sites,
- Developing green school,
- Developing micro and small enterprises,
- Local green job,
- Policy brief
- etc.

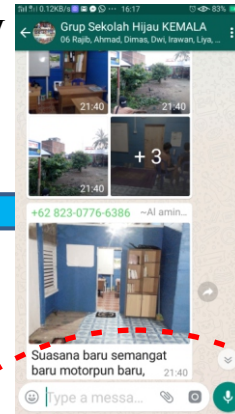


As part of sustainability scheme, UGM sent units of Students Community Services (July August 2018 and 2019) a village in the Kemala Program. They continued to build stronger local management system to achieve sustainability of the unit developed by the Kemala.

Sustainability Scheme



July 2016- Feb 2018



July-August 2018
student community
services (KKN)
8 weeks; required
course

Whatsapp group maintain communication with local green champions (ongoing) & team visit (August 2019)



July-August 2019
KKN

July 2017-March 2021
CDSR research on
system sustainability

incoming program

- The social aspect
- The economic aspect
- The institutional aspect

International Conference on Green Energy and Environment 2019 IOP Publishing
IOP Conf. Series: Earth and Environmental Science: 383 (2019) 012023 doi:10.1088/1755-1315/383/1/012023

The Sustainability of Photovoltaic System at Rawasari Village, Tanjung Jabung Timur through Student Community Service - Community Empowerment Learning Program

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³Department of Natural Resources and Environment Management, IPB University,
Bogor, Indonesia

*Corresponding author: fitrisa.alipah@ugm.ac.id

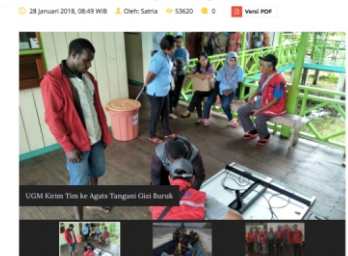
Abstract. Rawasari is one of location at Tanjung Jabung Timur Regency that installed by photovoltaic system through Millennium Challenge Indonesia (MCI) program by Kementerian Energi Mandiri Lentera (KEMALA) in early 2018. The total installed photovoltaic system at Rawasari was 41.8 kWp which consisted of solar home system, solar system for public facilities, and solar system for business unit. When Kemala program ended in February 2018, the sustainability of the business unit was threatened because of there was not educational or social assistance that more photovoltaic system can use well. Therefore, the role of Student Community Service - Community Empowerment Learning Program (SCS-CLEP) by Universitas Gadjah Mada (UGM) was derived necessary to solve this problem. The SCS-CLEP program has conducted from June-August 2018 that involved about 27 students from multidisciplinary studies. Through two main program of SCS-CLEP, namely strengthening the management system for photovoltaic and improving the quality and capacity of production business units. The result showed that an increasing of public awareness of the importance of maintaining a photovoltaic system and developing of drinking water business unit.



Community Services in Various Media Dissemination of Lesson Learned and Value



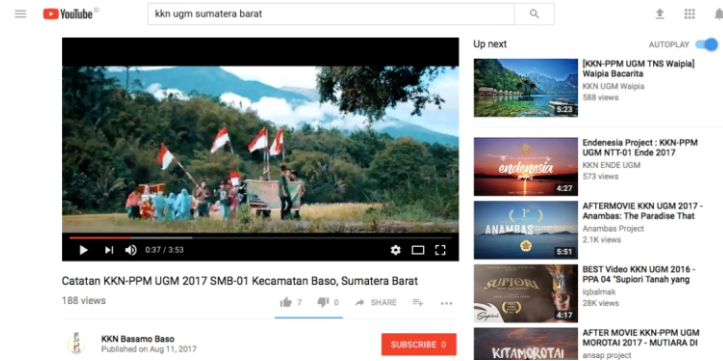
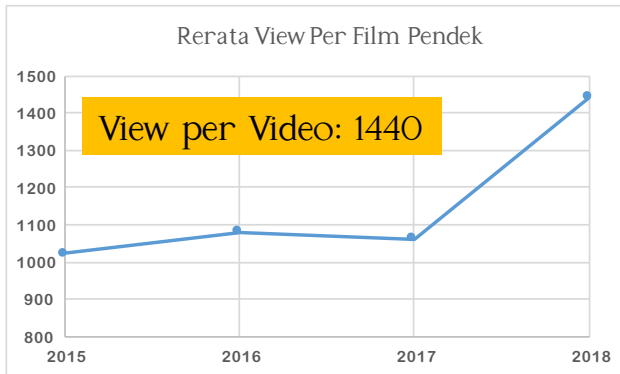
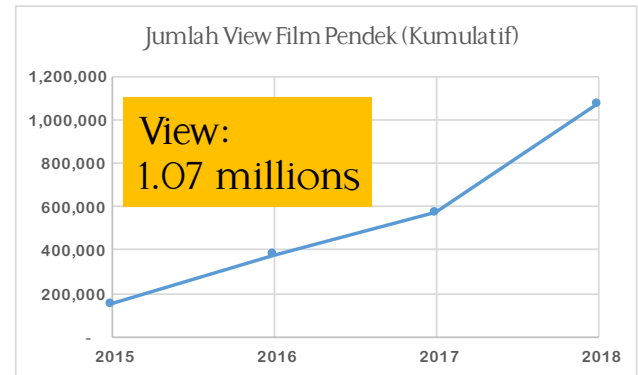
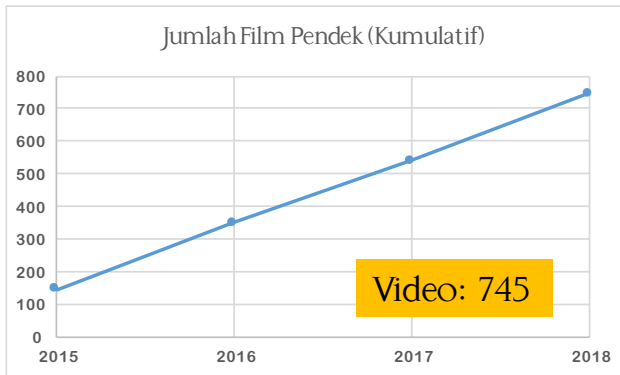
UGM Kirim Tim ke Agats Tangani Gizi Buruk



Jurnal Pengabdian kepada Masyarakat (Indonesian Journal of Community Engagement) is a scientific multidisciplinary journal published by Directorate of Community Services Universitas Gadjah Mada.

UGM Community of Services in various media: book, headlines in biggest Indonesia newspaper, internet, TV, etc.

Dissemination of Student Community Service (SCS-CEL) Through Social Media



by January 18th, 2019



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