



Supplementary

Sustainability Report 2021

SDG 11:

Make cities and human settlements
inclusive, safe, resilient and sustainable

11 SUSTAINABLE CITIES
AND COMMUNITIES





IPB University
Bogor Indonesia



SUSTAINABLE
DEVELOPMENT
GOALS



Learning Program

1

Participatory Technique Training in Conducting Community Social Analysis

PRA training activities aim to introduce participatory principles with the community that form the basis for Community Development, as well as teach techniques for participatory information gathering to support participatory principles in community program planning. The participatory principle of community development is to ensure the principle of program sustainability that can run continuously. Sustainability of the program will be closely related to the extent to which the development plans that are prepared originate from an appropriate information base process and are accompanied by the participation of citizens to be involved in planning development. Criticism of the development principle that has been running so far has always emphasized the achievement of a program's success as measured by the achievement of the quantity of products that have been distributed, not by looking at the extent to which a program is sustainable for all levels of society. Therefore we need a principle of community participation that encourages a paradigm shift from product centered development to people centered development. This activity measures the achievement of the 16 goals of the SDGs, namely: Quality Education; Gender Equality; Decent Work and Economic Growth; Industry, Innovation, and Infrastructure; Reduced Inequalities; Sustainable Cities and Communities; Responsible Consumption and Production; Climate Action; Life on Land; Peace, Justice, and Strong Institutions; and Partnerships for the Goals.

The challenge of this activity is that participants have different backgrounds and characteristics, so a common method and longer training hours are needed so that the simulation can be carried out thoroughly. This activity outcomes are 1) Training participants have additional understanding and insight related to participatory principles in the implementation of community development programs and 2) Training participants are able to apply participatory techniques in analyzing socio-economic facts in the community as a basis for preparing programs in the community.



2

Summer Course 2021: “The development of sustainable green infrastructure for building structures, environmental sanitation, and agriculture, especially for developing countries”

With the 2021 Summer Course Program, student exchange activities are expected to generate inputs and solutions for the development of sustainable green infrastructure for building structures, environmental sanitation, and agriculture, especially for developing countries. This activity can provide information on the development of the latest approaches, methods and technology for sustainable infrastructure while maintaining local wisdom as an identity. This topic will be an interesting topic to study in facing the various challenges facing environmental problems, especially the current world climate change. From this activity, academic cooperation can be established in enhancing a more structured network of international relations to the recognition of learning credits.

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Summer Course 2021
Green Infrastructure Adapting to Climate Change
Department of Civil and Environmental Engineering (ISE)
IPB University, Indonesia
19th – 28th July 2021

INTRODUCTION
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Registration Link:
ipb.link/summercourse2021

Registration Period:
3rd May – 16th July 2021

Contact Person:
+62 813 8168 0473 (Irving Alvin Kumbawa)
asst@apps.ipb.ac.id

Requirements:

1. Filling out the registration form
2. A valid passport (for International Applicants) *
3. A recent photograph *
4. A recent curriculum vitae (CV) *
5. Recommendation letter from home university *

Benefits:

1. Transferable course credit (2 credits)
2. Expert lectures and class discussions
3. Cultural exchange opportunity
4. Certificate

Global Lecturers:

- Prof. Sudiman Mulyono, School of Life and Environmental Sciences, The University of Sydney, Australia
- Prof. Anip Ruzel, Dept. of Civil and Environmental Engineering, IPB University, Indonesia
- Prof. Agus Setiawan, Dept. of Civil and Environmental Engineering, IPB University, Indonesia
- Dr. Nur Rizka, Dept. of Civil and Environmental Engineering, IPB University, Indonesia
- Dr. Teguh Murnandi, Faculty of Environmental Engineering, IPB University, Indonesia
- Dr. Fani S. Ray, College of Agriculture and Human Sciences, Penn State, USA
- Dr. Rudi Idris, Department of International Environmental and Agricultural Science, Tokyo University of Agriculture and Technology, Japan
- Dr. Yohani Purnomo, Dept. of Civil and Environmental Engineering, IPB University, Indonesia
- Dr. Anindya Hasti, Faculty of Civil and Environmental Engineering, Institut Teknologi Sepuluh Nopember, Indonesia





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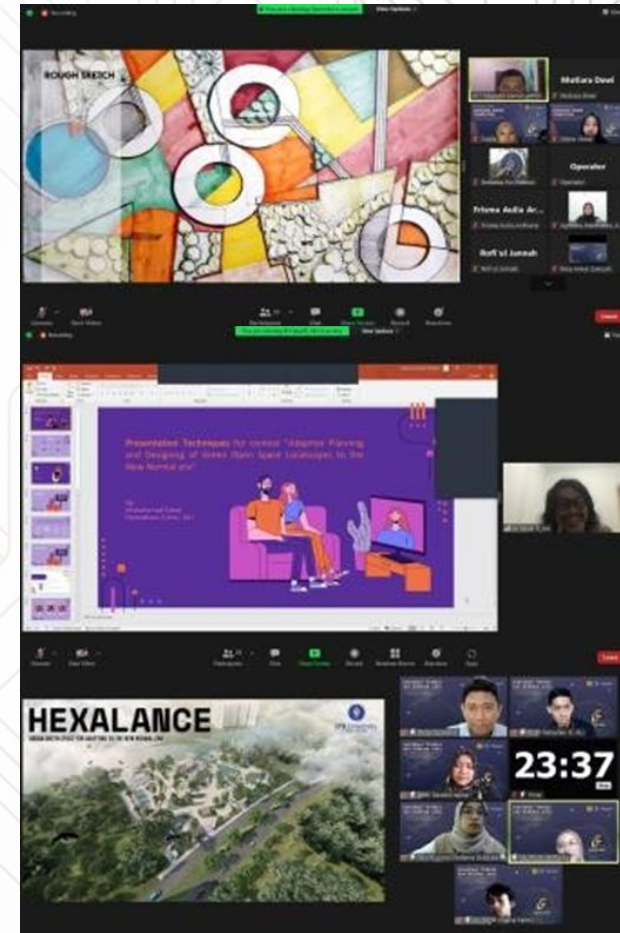


Student Activities

3 Indonesia Landscape Design Student Competition (ILDSC 2021)

On September 18, 2021, the Landscape Architecture Student Association of IPB has held an Open Judging and Webinar Expo ILDSC (Indonesian Landscape Design Student Competition) 2021 which this year carries the theme Planning and Landscape Design of Urban Green Open Space as a Form of Adaptation in Facing the New Normal Era. The event took place online which was attended by more than 100 webinar participants and 41 contest registrants from 15 universities.

The event was attended by the Head of the Regional Development Planning Agency (Bappeda) of Bogor City, Mr. Rudy Mashudi, S.T., M.P., Secretary of the Bogor City Environmental Service, Mrs. Ir. Tety Sovia, M.Sc., Head of Green Open Space Management and Biodiversity, Bogor City Housing and Settlement Service, Ms. Ulyani S.T., as well as Head of Spatial Planning at the Bogor City Public Works and Spatial Planning Service, Mr. Latif Priyadi S.Si. Head of the Landscape architecture department, Dr. Akhmad Arifin Hadi, S.P., MALA.





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Community Engagement

4 The Role of Women in Waste Bank Management

This socialization activity was held in RW 8, Situ Gede Village, Bogor. Team of Lecturers from the Department of Resource and Environmental Economics (ESL), Faculty of Economics and The management (FEM) involved in this activity are Bahroin Idris Tampubolon, Fitria Dewi Raswatie, Asti Istiqomah, Osmaleli and Dina Lianita Sari. Apart from FEM, this activity also collaborated with a lecturer from the Department of Agronomy and Horticulture, namely Shandra Amarillis. The activity which was attended by the women of the Women Farmers Group (KWT) was a refresher regarding the importance of sorting waste. At the meeting, the mothers were taught to make compost and practice it. Furthermore, fertilizers are harvested within 2 weeks and used for planting vegetables in community gardens.



5 SB-IPB Charities for The Victims of The Earthquake in West Sulawesi and Floods in South Kalimantan.

The IPB Business School (SB-IPB) aroused the solidarity of its academic community to help residents affected by the earthquake in West Sulawesi and floods in South Kalimantan through fundraising that reached Rp. 20 million. SB-IPB chose to channel it through the Bogor Agricultural Institute Alumni Association (ARM HA-IPB). The aid consists of Rp 10 million for residents in West Sulawesi and another Rp 10 million for flood survivors in South Kalimantan. SB-IPB has, for the past year, collaborated with ARM HA-IPB. The collaboration began when raising funds to support the IPB Alumni Solidarity Action for the Jabotabek Flood and Landslide (SABIAN) Phase 2 in Sukajaya and Jasinga, Bogor Regency, early 2020. The Deputy Dean represented SB-IPB for Resources, Cooperation, and Development (SKP) of SB-IPB officially handed over the SB-IPB donation to the Chair of the HA-IPB ARM Resource Mobilization Division at the IPB Gunung Gede Campus, Bogor City, on February 11, 2021. This assistance is expected to ease the burden of disaster victims slightly.



6 Sekolah Sampah (SeSaMa) : Independent Waste School Program

Sekolah Sampah is a medium of public education in building awareness of the environment through the participation of all parties in handling waste. The Sekolah Sampah concept was developed by CARE LPPM IPB and is part of a community-based waste management assistance program in the Kebalen Village, Bekasi Regency, in collaboration with PT Bumi Resources Tbk. This program is a follow-up to the first year of mentoring (in 2020). The implementation period is three years, starting in October 2019 and ending in October 2022. The Sekolah Sampah approach is carried out through 3 P's, namely P1: Public education about waste management, P2: Waste management from the point of origin, and P3: Waste processing has economic value. There are six main activities in the Sekolah Sampah, namely 1) capacity upscaling, 2) application of waste management technology, 3) institutional development of waste schools, 4) making demonstration plots of waste processing results, 5) cleaning competitions, and 6) mentoring.



7 Environmental Impact Assessment of Central Laboratory for Information and Communication Technology Equipment Testing

Every telecommunications equipment and information circulating in the community, both foreign and domestic products must pass the laboratory test. This laboratory is managed by the Center for Telecommunication Equipment Testing (BBPPT) of the Ministry of Communications and Information Technology (Kominfo). The laboratories to be built include radio laboratories, non-radio laboratories, SAR and EMF laboratories, cellular laboratories (2G, 3G, 4G, 5G), broadcast laboratories, electrical safety laboratories, EMC laboratories, and calibration laboratories. In the first study of this EIA study, environmental aspects of the location of the test laboratory are described as well as the results of a study on the suitability of the spatial layout. This study also describes the geo-physical-chemical environmental conditions, and biological aspects, socio-economic-cultural conditions, as well as public health and environmental health. Besides that, it also conveys about water needs, electricity needs, management waste, environmental management plan (RKL) and environmental monitoring plan (RPL).



8 ABIOTIC: Application of Biology for Community

ABIOTIC (Application of Biology for Community) is a community service program from Himabio's Bioworld Division that focuses on solving community problems from the biological aspect. For the year 2021, the activity included online seminars, counseling on waste management, providing donations, and controlling waste management in Cipada I Village, Kec. Cikalong Wetan, Kab. West Bandung. Activities carried out in the Village were related to the waste management tutorial. The activities involved several village communities and the local village government.

The event divided into online and offline session. Online event is a Seminar online with title "From heart to Village" on Saturday, Mei 1 , 2021 via Zoom meeting. Offline event was conducted in Desa Cipada I, Kec. Cikalong Wetan, Kab. Bandung Barat, Jawa Barat. There were three offline events such as: 1) Waste Management Counseling & Humanitarian Aid on Sunday, Mei 2, 2021, 2) Waste transportation by Waste Bank officers on Friday, 21 May 21 , 2021, dan 3) Controlling the Counseling result and giving donation on Sunday, May 23, 2021.





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Research, Innovation, and Bussiness

9 Synchronization of Housing Additional Service Benefits (MLT) with BP TAPERA Program Benefits

The International Center for Applied Finance and Economics (InterCAFE) IPB University conducted a synchronization study of the Additional Housing Services Benefits (MLT) with the BPTAPERA program benefits. This study was conducted as a form of support for the Government's program in terms of providing housing that is livable and accessible to the people of Indonesia. MLT Housing itself is an optional housing financing program for participants of the BPJS Employment JHT Program. It holds in Bali, DKI Jakarta, East Java, East Kalimantan, South Sulawesi, and North Sumatera (9/8/2021-12/2/2022).

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<https://intercafe.ipb.ac.id/fasilitasi-masyarakat-mendapatkan-akses-rumah-layak-huni-bpjs-ketenagakerjaan-dan-intercafe-ipb-universit-y-lakukan-sinkronisasi-fasilitas-mlt-perumahan-dan-bptapera/>



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Sector and Macro Studies of Housing Financing and Housing Development Sector PT Sarana Multigriya Financial (Persero)

PT Sarana Multigriya Financial (Persero) or SMF collaborated with the International Center for Applied Finance and Economics (InterCAFE) IPB University. The collaboration is carried out to determine the social and economic impact of housing financing and construction carried out by PT SMF on the economy as indicated by several development indicators, such as indicators of job creation, human development, and improving people's welfare. This is important because the housing sector and the national economy have the potential to have a multiplier effect and can move other economic sectors in the economy.

Period: 26 Aug – 25 Nov 2021

Place: Indonesia (Secondary Data)

Keywords: SMF, PEN, Micro Credit



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