



IPB University
— Bogor Indonesia —



SUSTAINABLE
DEVELOPMENT
GOALS



IPB UNIVERSITY
SUSTAINABILITY DEVELOPMENT GOALS

SDGs Report 2023

Book Titles:

SDGs Report 2023

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GLOSSARY



F

FINCAPES : Flood Impacts, Carbon Pricing, and Ecosystem Sustainability

Y

YLCCC : Youth Leadership Camp for Climate Crisis



Take urgent action on combat climate change and its impact

1 Learning Program

Through the Study Program **Geophysics and Meteorology**, IPB University is committed to preparing human resources who have competence in facing the challenges of climate change. This study program does not only focus on theoretical aspects, but also provides a practical understanding of atmospheric phenomena, the hydrosphere, and their impact on various sectors of life, especially agriculture and natural resource management. These courses are designed to provide an in-depth understanding of the interactions between climate factors and living things, climate dynamics in tropical regions, as well as aspects of disaster risk management from an economic perspective. Apart from that, IPB University has also carried out various programs to increase knowledge about climate change, such as seminars on action plans to anticipate climate change **agriculture, fisheries and maritime affairs.**

2 Research and Innovation

FINCAPES (Flood Impacts, Carbon Pricing, and Ecosystem Sustainability) is a research collaboration and international cooperation to improve the quality of research on climate change adaptation and mitigation.

This collaboration is a strategic step in studying the impact of flooding on ecosystems, developing a carbon pricing mechanism, and maintaining the sustainability of the ecosystem. This project is clear evidence of IPB University's commitment to developing research-based solutions to deal with climate change through international cooperation.

The **Bioinvasion Research Group** was established to respond to the impact of climate change on biota populations. This bioinvasion focuses on studying changes in biota population patterns due to climate change, strengthening climate change adaptation strategies and building international research networks for the exchange of knowledge and expertise.



Research in number

 **363** scholarly output in 2019–2023

 **486** FWCI in 2019–2023

 **4300** citation count in 2019–2023

9.54% of all Indonesian citation count

6.28% of all Indonesian scholarly output

3 Campus Operation

Various forms of transportation are available to facilitate the mobility of lecturers and students which can be used by all members of the academic community, such as **bus as many as 19 units operate on and off campus, campus bikes, electric cars, and electric bicycle** to reduce the use of private vehicles and reduce pollution from vehicles by using electric vehicles. Several parks **are comfortable** and picturesque facilities are also available to support the achievement of a green campus.



4 Community Engagement

Handling climate change is not only carried out through internal campus activities, but also involves the community through various empowerment and education programs.

Several community involvement programs that have been implemented by IPB University are **Sekolah Pusat Studi Bencana** to increase skills and actions on the field towards climate change adaptation and mitigation,

Fishermen Empowerment Program to empower fishermen in Central Java to be capable building integrated coastal management for a sustainable food system for fishing communities, and **Dosen Mengabdikan Inovasi** with developing a household scale maggot cultivation business model in Bogor Regency as a solution to improve the environment.



5 Student Activities

Various initiatives driven by students show the young generation's concern and awareness of the issue of climate change. Many programs have been implemented to support the achievement of sustainable development goals such as the program **Focus Group Discussion**, Actively participate in **Youth Leadership Camp for Climate Crisis (YLCCC)**, Collaboration with **communities and organizations** which focuses on the issue of climate change, Warning **climate change day**, Climate change issue campaign on **young generation** as well as programs turn trash into food.