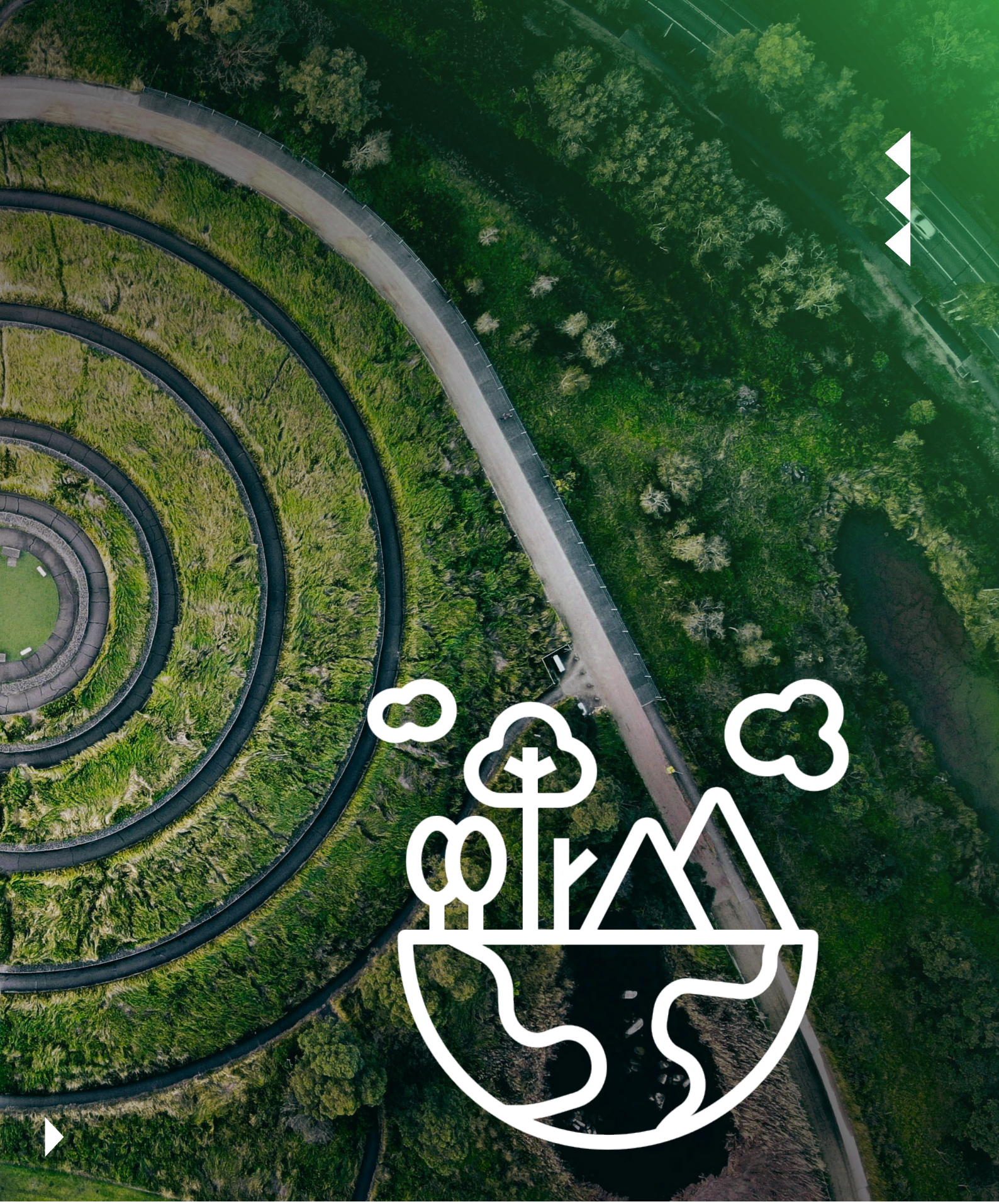
SDG 15

LIFE ON LAND



SDG 15
LIFE ON LAND

RESEARCH
IN NUMBER 2019-2023

PUBLICATION
166

CITATION IMPACT
1.03

CITATION COUNT
978

Universitas Padjadjaran implements Sustainable Development Goal (SDG) 15, namely "Life on Land," which focuses on the protection, restoration, and sustainable use of terrestrial ecosystems.

150 TREES

TREE PLANTING IN LEUWI PADJADJARAN

Universitas Padjadjaran in collaboration with PT Elnusa Tbk. Carried out a tree planting activity in the Leuwi Padjadjaran reservoir area on Wednesday, August 8, 2023. This activity is an implementation of Elnusa's Corporate Social Responsibility program in the environmental sector to Unpad, which also commemorates Elnusa's 54th Anniversary. A total of 250 tree seedlings consisting of 100 tabebuya trees, 50 ketapang kencana trees, 50 matoa trees, and 50 mango trees were planted in the reservoir area. The symbolic handover of the trees was carried out by the Vice President of Human Capital, Elnusa Tbk. Agung Wahidin Wibisana to the Vice Chancellor for Research and Innovation Unpad Prof. Dr. Ir. Hendarmawan, M.S.

MANGROVE PLANTING AT KARANG TIRTA BEACH

170
VOLUNTEERS

1,000
TREE SEEDS

Every year, Unpad contributes to planting trees both on campus and off campus. In 2023, BEM FPIK Universitas Padjadjaran planted 1,000 Mangrove seedlings on Karang Tirta Beach. The activity entitled "Coastal Action" in the Pangandaran area was carried out on November 18, 2023.

Coastal Action is a mangrove seedling planting and coastal clean-up project which is part of a series of Think Green 8.0 activities. This is done as an effort to restore the benefits of the mangrove ecosystem and an effort to protect coastal areas in Pangandaran Regency from marine debris or waste in the sea.

This social action involved 170 FPIK Unpad students, farmer groups, Tanjung Cemara Karang Tirta managers, representatives of the Forestry Service Region VI branch office, and the Environmental and Sanitation Service (DLHK) of Pangandaran Regency. In this Coastal Action project, the team succeeded in planting 1,000 mangrove seedlings with 600 Rhizopora mucronata seedlings and 400 Bruguiera gymnorrhiza seedlings.

UNPAD'S CONTRIBUTION IN PREPARING THE GEOPARK IN BATUKARAS VILLAGE, CIJULANG, PANGANDARAN

The Universitas Padjadjaran KKNM Team group 120, placed in Batukaras Village, Cijulang, Pangandaran, carried out various programs to support the proposal of a geopark in Pangandaran. This activity was carried out with Field Supervisor Lecturer Prof. Dr. Ir. Nana Sulaksana, M.Sp.

The support provided was to increase the role of the community, both in supporting the proposal and being part of introducing the potential for tourism in Pangandaran. Training activities were carried out for tourism guides in the Batukaras area on July 18-19, 2023. Previously, students conducted an inventory of various tourism objects in Pangandaran. The result was that Batukaras Village was identified as having two potential geotourism objects, namely Legok Pari Beach and Cukang Taneuh or Green Canyon. This team also succeeded in collecting data on the economic potential and local wisdom of the Batukaras community.

The existence of this tourism object is the forerunner to the preparation of a candidate for a national geopark, which can later be proposed in the ranks of the global geopark network at Unesco. The KKNM activities integrated with the community service program under the coordination of Prof. Nana will last until August 11, 2023. However, the community service program carried out by the Faculty of Geological Engineering will last for three months.

ORGANIC FERTILISER, MAINTAINS SOIL FERTILITY

Universitas Padjadjaran launched the agricultural technology "Controlled Aerobic Rice Intensification Based on Organic" or "IPAT BO". The technology developed by Professor of the Faculty of Agriculture Unpad Prof. Dr Tualar Simarmata, Ir., M.S., makes rice plants "happy" so that they can produce a harvest of around 8 - 11 tons per hectare. The symbolic launch of the IPAT BO technology was carried out by Unpad Chancellor Prof. Rina Indiastuti in a joint harvest event held at the Agricultural Research, Training & Development Center (SPLPP) of the Faculty of Agriculture Unpad in Jelekong, Bandung Regency, Sunday (12/3/2023). When interviewed by the Unpad Media Channel, Prof. Tualar explained that the IPAT BO technology is a rice farming technology that prioritises the use of locally available organic materials, in this case, straw compost. This technology emphasises the integrated management of soil biological strength, water management, plant management, and organic-based fertilisation.

15 LIFE ON LAND

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.