



REPORT OF SDGs 15: LIFE ON LAND

Inherited Terrestrial Ecosystem



UNIVERSITAS SYIAH KUALA SUSTAINABILITY REPORT 2023

15 LIFE ON LAND



Inherited Terrestrial Ecosystem

Universitas Syiah Kuala (USK) has demonstrated a strong commitment to Sustainable Development Goal 15, Life on Land, by engaging in various initiatives focused on conserving, restoring, and sustainably managing terrestrial ecosystems. Through collaborative efforts with government bodies, NGOs, and international partners, USK has made significant strides in biodiversity conservation, habitat restoration, and promoting sustainable land use practices.

A notable example of these efforts is the Mangrove Reforestation 2023 program, which USK organized in partnership with the Aceh Department of Environment and Forestry (DLHK Aceh). This initiative was designed to address the erosion-prone coastal areas in Aceh by planting 500 mangrove saplings. Mangrove ecosystems are vital for stabilizing coastlines, providing habitats for marine life, and mitigating climate change by sequestering carbon. The reforestation project, involving USK students, local communities, and government stakeholders, is a crucial step toward restoring these critical ecosystems and promoting resilience in the face of climate challenges.



USK's dedication to biodiversity conservation is further evident through its Biodiversity Research Center, which focuses on the preservation of Aceh's unique flora and fauna. This center conducts research on endangered species like the Sumatran elephant and rhinoceros, contributing valuable insights into sustainable forest management. The center's work supports global efforts to curb biodiversity loss by emphasizing the need to protect these ecosystems and prevent the extinction of vulnerable species. By addressing both scientific and community

aspects of conservation, the Biodiversity Research Center embodies USK's commitment to halting biodiversity loss and promoting ecosystem sustainability.

In June 2023, Universitas Syiah Kuala (USK) further demonstrated its commitment to SDG 15 (Life on Land) by organizing a seminar and workshop titled "Membangun Keberlanjutan Ekologi Aceh" (Building Ecological Sustainability in Aceh) in collaboration with multiple environmental organizations, including Rumbia, Pancacita, WWF, and the Aceh Provincial Government. This event, held at the BAPPEDA (Regional Development Planning Agency) Aceh building, aimed to address ecological sustainability and conservation efforts in the region, aligning with the broader objectives of SDG 15, which seeks to protect, restore, and promote the sustainable use of terrestrial ecosystems.

SEMINAR LOKAKARYA

MEMBANGUN KEBERLANJUTAN EKOLOGI ACEH

15 JUNI 2023
PUKUL 8.30 - 15.30
Lokasi:
Gedung BAPPEDA
Provinsi Aceh
Aula Pertemuan Lantai IV
Jl. Daud Beureueh

MODERATOR
Suraiya Kamaruzzaman
 Kepala Pusat Riset Perubahan Iklim USK

NARASUMBER

- Reza Ferdian**
Kepala Bidang Perencanaan Pembangunan Ekonomi dan Sumber Daya Alam BAPPEDA ACEH
- Nazamuddin**
Ekonom Universitas Syiah Kuala
- Fatimah Ramadhani**
Sustainability Project Consultant
- Muslich Hidayat**
Ketua Prodi Biologi Fakultas Sains dan Teknologi Universitas Ar-Raniry
- Dede Suhendra**
Project Manager Northern Sumatra Program WWF Indonesia

FREE COFFEE & FOOD

HANYA UNTUK 50 ORANG PESERTA TERDAFTAR

Daftarkan diri di
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LENGKUPAN 20 ORANG PESERTA

Daftarkan diri di
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SDG 15: LIFE ON LAND

The seminar featured a range of speakers, including Reza Ferdian from BAPPEDA Aceh, USK economist Nazamuddin, sustainability consultant Fatimah Ramadhani, and Muslich Hidayat from Universitas Ar-Raniry's Biology Department. Additionally, Dede Suhendra, Project Manager for WWF Indonesia's Northern Sumatra Program, contributed insights on conservation strategies. Moderated by Dr. Suraiya Kamaruzzaman, Head of USK's Center for Climate Change Research, the event facilitated discussions on sustainable resource management, biodiversity conservation, and ecosystem restoration. Topics covered included strategies to protect Aceh's unique ecosystems, community involvement in conservation, and sustainable development practices that support ecological balance.

Additionally, USK has shown a proactive approach to wildlife conservation through educational outreach. A recent public lecture organized by the university brought together conservation experts, academics, and government officials to discuss strategies for protecting Aceh's endangered wildlife, including species such as the orangutan and tiger. The event highlighted the importance of integrating local communities into conservation efforts, emphasizing how community-driven approaches can foster coexistence between humans and wildlife while curbing illegal poaching and trafficking. This aligns with global initiatives to prevent the exploitation of protected species and safeguard wildlife populations.



In collaboration with GIZ (the German Agency for International Cooperation), USK also held a national seminar on sustainable peatland management. Peatlands are crucial for carbon storage and biodiversity conservation, but their degradation has adverse effects on the climate and local ecosystems. The seminar discussed

sustainable practices for conserving peatland areas, such as reforestation and community engagement in land stewardship. By promoting responsible management of these ecosystems, USK contributes to the broader goal of mitigating climate change and preserving essential habitats.



USK has demonstrated strong commitment to SDG 15 (Life on Land) through efforts such as mangrove reforestation, biodiversity research, and sustainable peatland management. Key initiatives include the Mangrove Reforestation 2023 project in partnership with the Aceh Department of Environment and Forestry, which restores coastal ecosystems, and the establishment of a Biodiversity Research Center focusing on endangered species conservation. USK has also hosted seminars, including a collaboration with GIZ on peatland management and the Building Ecological Sustainability in Aceh workshop with WWF, gathering experts and stakeholders to promote sustainable practices. By engaging government, academic, and community partners, USK makes a tangible impact on biodiversity conservation in Aceh, contributing significantly to regional and global sustainability efforts.