

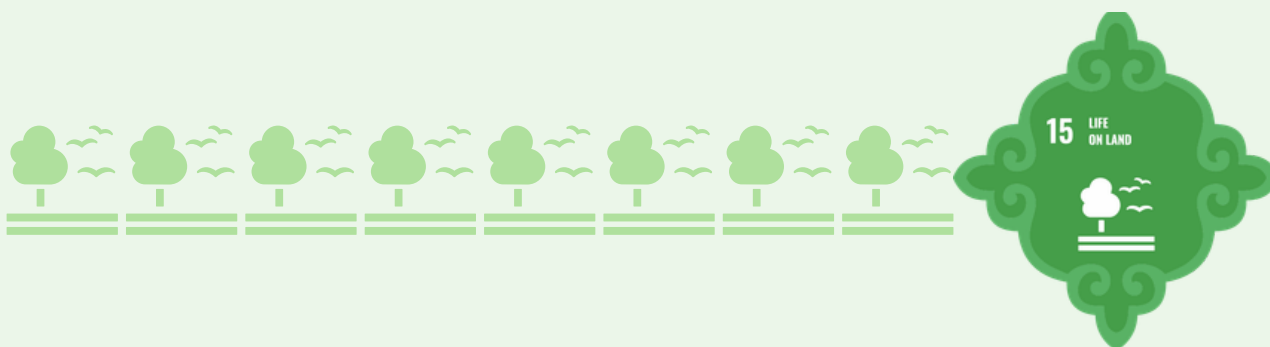
SDG 15

LET'S PROTECT
OUR PRECIOUS
TERRESTRIAL
ECOSYSTEMS

15 LIFE
ON LAND



THE GLOBAL GOALS



Introduction

In 2025, Nakhchivan State University (NSU) reinforced its commitment to SDG 15: Life on Land by promoting biodiversity conservation, sustainable land use, and ecosystem protection through education, research, campus management, and community engagement. Recognizing the importance of terrestrial ecosystems for environmental stability and sustainable development, the University implemented initiatives aimed at preserving natural habitats and enhancing ecological awareness within the academic community and the broader region.

Institutional Commitment and Governance

The implementation of SDG 15 was coordinated through the Sustainable Development Centre, which ensured the integration of biodiversity protection and land sustainability principles into institutional policies and practices. Environmental considerations were incorporated into campus planning, landscaping, and research priorities, aligning SDG 15 actions with national environmental strategies and the University's broader sustainability framework.

Biodiversity Conservation and Green Infrastructure

Campus Biodiversity Initiatives

In 2025, NSU expanded green infrastructure and tree planting projects, prioritizing native and climate-resilient plant species to support local biodiversity and ecosystem health. Green spaces on campus were managed using sustainable landscaping practices to reduce soil degradation, improve habitat quality, and enhance ecosystem services such as shading and microclimate regulation.

Habitat Protection

Efforts were made to preserve and enhance natural areas within and around the campus, contributing to habitat continuity for local flora and fauna.

Tree planting and green corridor development supported biodiversity enhancement while improving the aesthetic and ecological value of the campus environment.



Education and Research on Terrestrial Ecosystems

Curriculum Integration

- Topics related to biodiversity conservation, ecosystem management, and sustainable land use were integrated into academic programs in biology, environmental sciences, geography, and related disciplines.
- Students were encouraged to engage with local environmental challenges through coursework, field studies, and project-based learning.

Research Activities

- Faculty and student research addressed themes such as ecosystem conservation, land degradation, soil protection, and biodiversity monitoring.
- Research outputs contributed to local and regional understanding of terrestrial ecosystems and supported evidence-based approaches to land sustainability.

Community Engagement and Partnerships

- NSU collaborated with local authorities, environmental organizations, and community stakeholders to promote biodiversity conservation and sustainable land management practices.
- Student-led initiatives, including environmental awareness campaigns, tree planting events, and ecological education activities, strengthened public engagement and environmental stewardship.
- Participation in scientific conferences and environmental forums facilitated knowledge exchange on terrestrial ecosystem protection and sustainable development.



Monitoring and Future Priorities

Monitoring Measures

- The University monitored indicators such as green space expansion, tree survival rates, biodiversity presence, and student participation in environmental activities.
- These indicators informed planning and supported continuous improvement of SDG 15 initiatives.

Future Priorities

- Expansion of biodiversity-friendly green spaces and ecological corridors on campus
- Strengthening research on land ecosystems and climate–biodiversity interactions
- Enhancing partnerships for regional biodiversity conservation initiatives
- Increasing student and staff involvement in ecosystem restoration and environmental monitoring

Conclusion

In 2025, Nakhchivan State University advanced SDG 15: Life on Land through the systematic integration of biodiversity conservation and sustainable land management into its institutional framework. By embedding ecological considerations into governance structures, campus planning, academic curricula, and research agendas, the University demonstrated a holistic and evidence-based approach to terrestrial ecosystem protection.

The expansion of green infrastructure and the use of native, climate-resilient species contributed to habitat enhancement and ecosystem stability within the campus environment. Academic and research activities further supported biodiversity monitoring, soil protection, and ecosystem conservation, while providing students with applied learning opportunities relevant to regional environmental challenges.

Collaboration with external stakeholders and community-based initiatives extended the impact of the University's efforts beyond campus boundaries, reinforcing its role in promoting sustainable land use practices at the local and regional levels. Overall, NSU's 2025 initiatives established a robust foundation for continued progress under SDG 15, aligning higher education, research, and environmental stewardship with national priorities and global sustainable development objectives.

