

Climate Action

Sustainable Development Goal 13 (Climate Action)



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Adopted: 2026

Review cycle: every 3 years

Introduction

Climate change represents one of the most urgent global challenges of the 21st century. Rising temperatures, biodiversity loss, changing precipitation patterns, and increasing natural disasters threaten ecosystems, economies, and human well-being worldwide.

Universities play a critical role in addressing climate change through education, research, innovation, and sustainable institutional practices. Lankaran State University (LSU) recognizes its responsibility to contribute to climate mitigation and adaptation efforts and to support the global objectives of the United Nations Sustainable Development Goals, particularly SDG 13: Climate Action.

Located in the southeastern region of Azerbaijan, LSU operates in an area characterized by rich biodiversity, agricultural activity, and ecological sensitivity. Climate change may significantly affect regional ecosystems, water resources, and agricultural productivity. Therefore, the university aims to integrate climate action into all aspects of its operations, education, and research activities.

This Climate Action Policy establishes LSU's institutional commitment to reducing environmental impacts, promoting climate resilience, and contributing to global sustainability efforts.



Vision and Commitment

Lankaran State University aims to become a regional leader in climate action and sustainability, integrating environmental responsibility into its governance, academic programs, and campus operations.



The university commits to:

✔ contributing to climate mitigation and adaptation strategies

✔ supporting the global transition to a low-carbon economy

✔ promoting environmental awareness and education

✔ developing innovative solutions to environmental challenges



POLICY OBJECTIVES

The primary objectives of this Climate Action Policy are to:

Reduce greenhouse gas emissions from university operations

Increase the use of renewable energy and energy-efficient technologies

Integrate climate change education into academic curricula

Strengthen interdisciplinary research on climate change and sustainability.

Promote sustainable resource management on campus

Raise climate awareness among students, staff, and local communities

SoDevelop partnerships with national and international environmental institutionsil
Pollution Reducing Land Productivity

Enhance resilience to climate risks and environmental challenges

Carbon Reduction and Net-Zero Commitment

Lankaran State University commits to achieving net-zero greenhouse gas emissions by 2050.

To achieve this target, the university will:



Will increase energy efficiency



Will expand the use of renewable energy sources



Will reduce carbon emissions in the transportation and logistics sector



Will develop waste reduction and recycling programs

Will implement tree-planting and biodiversity conservation projects





AZƏRBAYCAN RESPUBLİKASI ELM VƏ TƏHSİL NAZİRLİYİ
LƏNKƏRAN DÖVLƏT UNİVERSİTETİ

Sustainable Campus Operations



LSU will implement environmentally responsible practices in campus management.

Key actions include:

Energy Management

improving energy efficiency in buildings

implementing smart energy monitoring systems

expanding renewable energy installations

transitioning to energy-efficient lighting and equipment



SUSTAINABLE TRANSPORTATION



encouraging public transportation and carpooling



promoting cycling and pedestrian mobility



Waste Management



promoting composting
and circular economy
practices



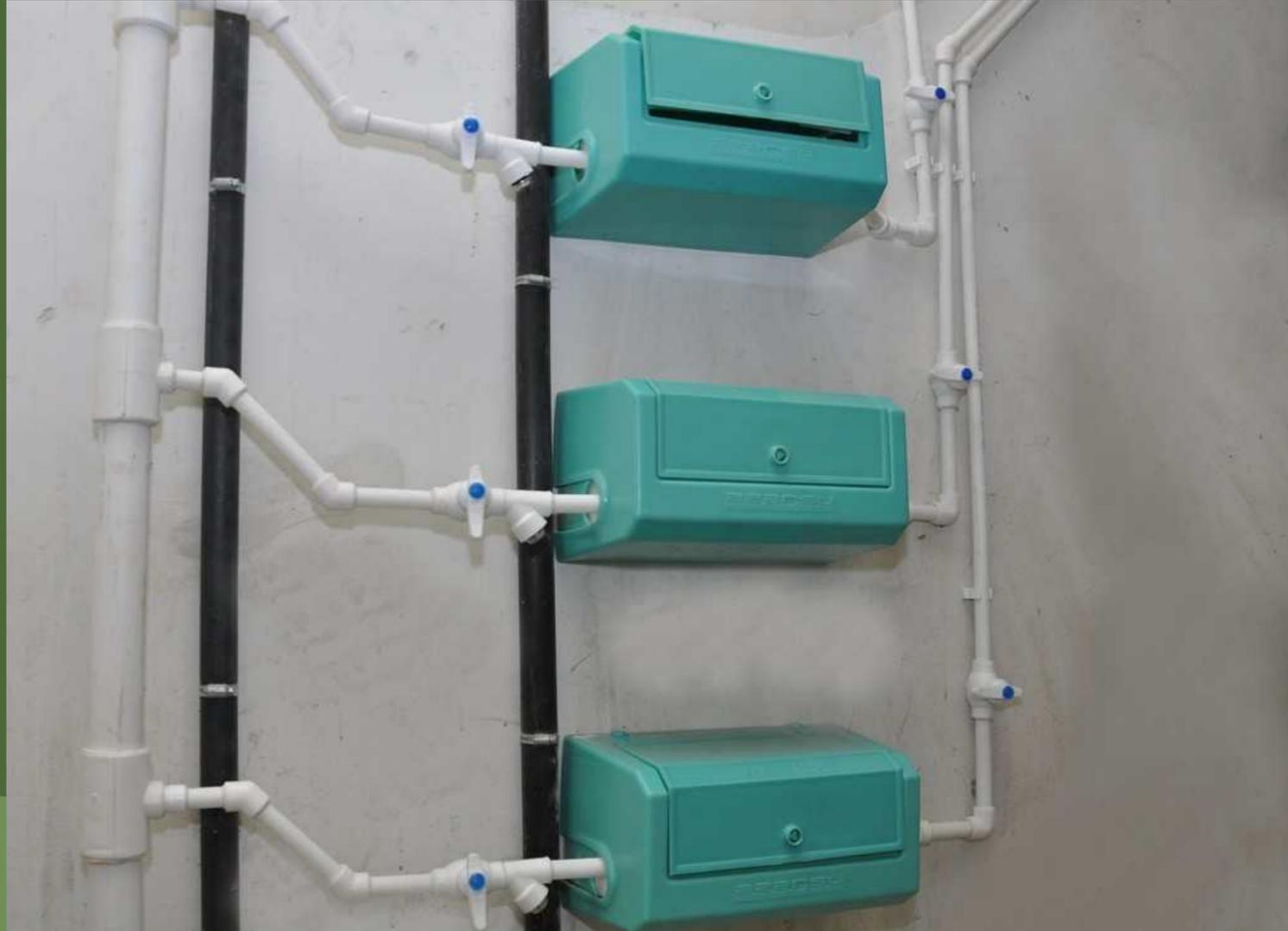
implementing recycling
programs across campus



reducing single-use plastics

Water Conservation

installing water-efficient systems



promoting responsible water use



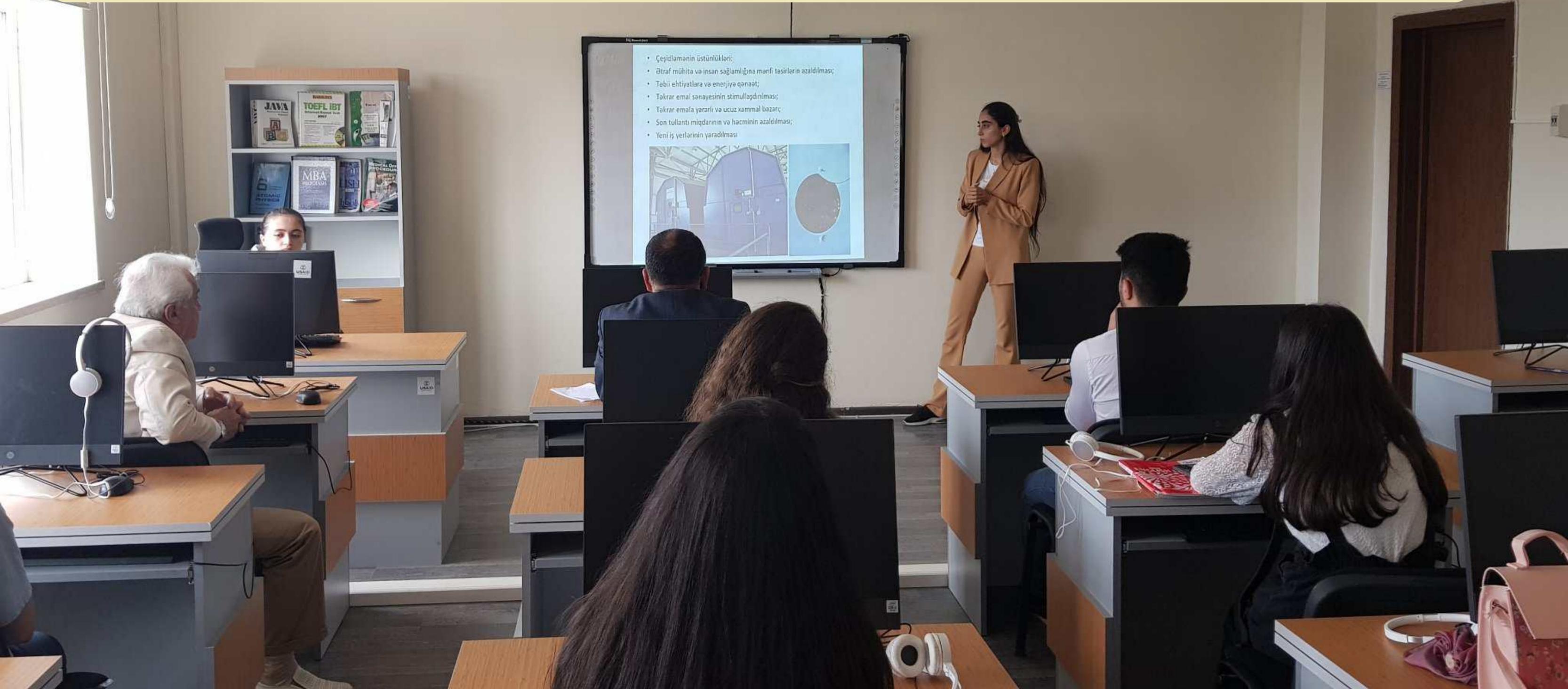
Climate Education and Curriculum Integration



Lankaran State University integrates climate education across multiple disciplines.
The university supports:
Academic courses on ecology, environmental protection, and sustainability



WORKSHOPS, AND TRAINING PROGRAMS ON ENVIRONMENTAL SUSTAINABILITY



SEMINARS AND TRAINING PROGRAMS ON ENVIRONMENTAL SUSTAINABILITY



LDU

Azərbaycan Respublikası Elm və Təhsil Nazirliyi
Lankaran Dövlət Universiteti
Akademik Həsən Əliyev adına Coğrafiya İnstitutu

AZƏRBAYCAN RESPUBLİKASINDA 2025-Cİ İLİN "KONSTITUSIYA VƏ SÜVERENLİKLİ"RLƏN EDİLMƏSİ, ELƏCƏ DƏ AKADEMİK HƏGƏN ƏLİYEV ADINA COĞRAFIYA İNSTITUTUNUN 80 İLLİK YUBİLİYİ İLƏ ƏLAQƏDAR "REGIONLARDA ELM VƏ TƏHSİLİN İNTEQRASIYASI" ADLI DÖVİRMİ MASA TƏŞBİRİ

Lankaran, 20 may 2025-ci il

LDU

Azərbaycan Respublikasında
"Konstitusiya və Suverenlik İli"
Akademik Həsən Əliyev adına Coğrafiya
İnstitutunun 80 illik yubileyi ilə əlaqə
"Regionlarda elm və təhsilin
adli dayirni masa

20 may 2025-ci il
Lankaran, Azərbaycan

Student research projects related to climate science



Interdisciplinary programs addressing climate change challenges

Soil science and agrochemistry

Plant protection and crop biotechnology

Agronomy and plant managing

Seed production

Oenology / Enology

Food safety and risk management

Food engineering and food production management

Forestry, forest biology, and forest conservation

Soil fertility and sustainable land management



Climate Research and Innovation

Research is a central pillar of LSU's climate strategy.
Priority research areas include:
renewable energy technologies



Sustainable agriculture



Climate adaptation strategies



Azərbaycan Respublikası Elm və Təhsil Nazirliyi
Lənkəran Dövlət Universiteti



**“BİOLOJİ MÜXTƏLİFLİYİN QORUNMASI VƏ EKOLOJİ
CƏHƏTDƏN DAYANIQLI SOSIAL-İQTİSADI İNKİŞAFA DOĞRU”
MÖVZUSUNDA BEYNƏLXALQ ELMİ KONFRANS**

Climate Risk Assessment and Adaptation

The university will conduct periodic climate risk assessments to identify environmental vulnerabilities affecting campus infrastructure and regional ecosystems.

These actions will strengthen the university's resilience to climate impacts.

Adaptation strategies may include:

**resilient infrastructure
development**

**sustainable land and
ecosystem management**

**disaster preparedness
planning**

**protection of
biodiversity and natural
habitats**



Community Engagement and Environmental Awareness



Lankaran State University actively engages with the local community to promote climate awareness. Activities include:



environmental seminars and conferences

sustainability workshops

public awareness campaigns

cooperation with schools and local organizations

HEYDƏR ƏLİYEV - 101



HEYDƏR ƏLİYEV
Azərbaycanın gənəli dövlət xadimi
Azərbaycan Respublikasının 101 öncüsü

20.09.1923 - 10.01.2003
Azərbaycanın 101. Prezidenti (1999-2003)
Azərbaycanın 101. Prezidentinin oğlu

20.09.1923 - 10.01.2003
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Azərbaycanın 101. Prezidenti (1999-2003)
Azərbaycanın 101. Prezidentinin oğlu



ECOpupils: Məktəblilərin ekoloji savadlığının artırılması proqramı

 Astara şəhər 1 nömrəli tam orta məktəb
 15/10/2024 - 15/01/2025
 Babək Rzadə

TƏHSİLDƏ İNKİŞAF VƏ İNNOVASİYALAR ÜZRƏ
VIII QRANT MÜSABİQƏSİ





Student Engagement and Climate Leadership



Students are essential actors in climate action.

The university supports:

**environmental
student organizations**

**student-led
sustainability projects**

**volunteer
environmental
programs**

**participation in
national and
international climate
initiatives**





Monitoring, Reporting, and Transparency

The University monitors key indicators for assessing the effectiveness of climate action.

greenhouse gas emissions

energy consumption

renewable energy use

water consumption

waste generation

climate-related research outputs



**The implementation of this policy is overseen by the University Sustainability Committee.
Responsibilities include:**



Governance and Implementation

coordinating climate action initiatives

**monitoring environmental
performance**

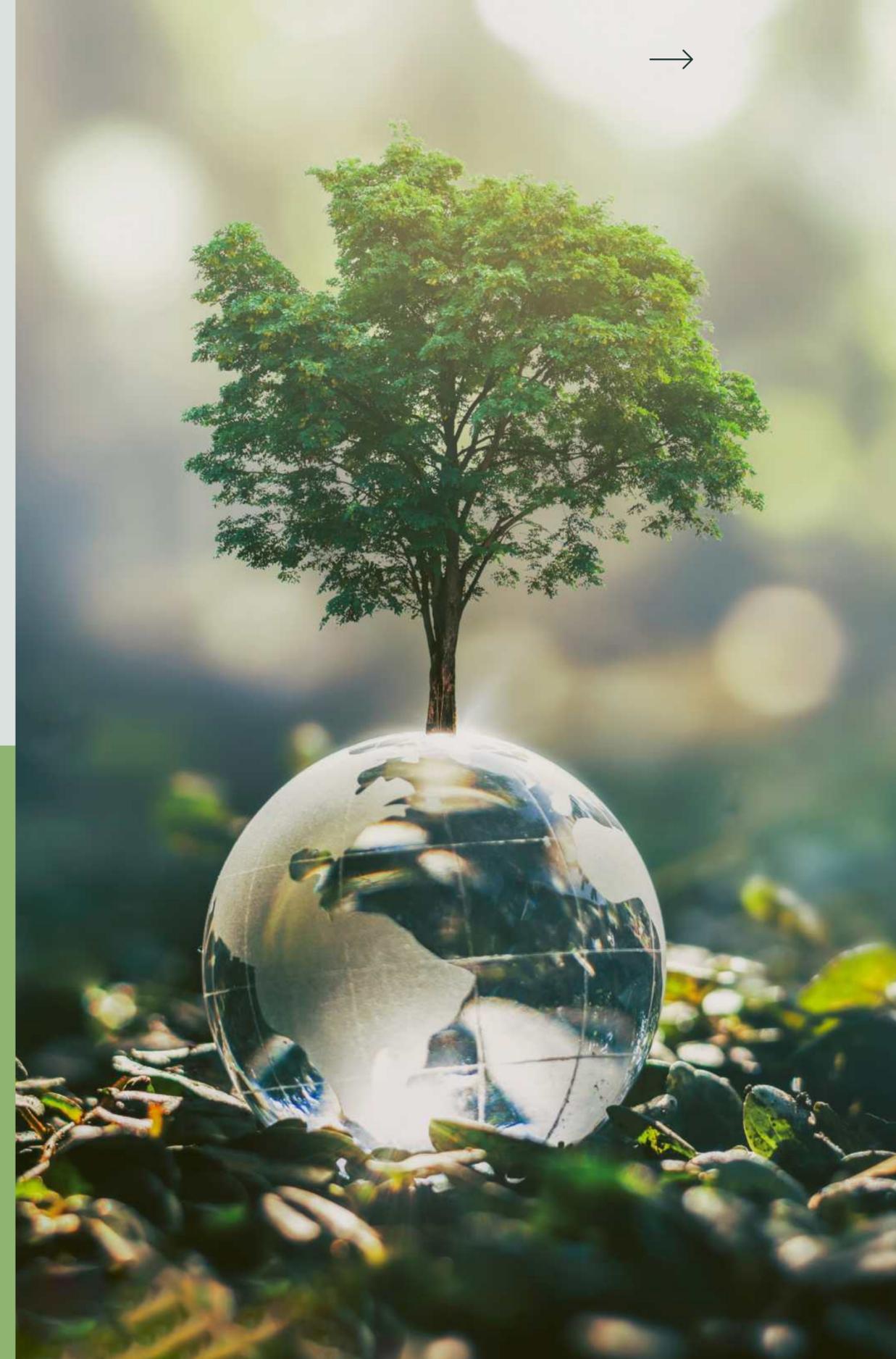
**supporting sustainability research
and education**

**advising university leadership on
environmental policies**

Continuous Improvement

Lankaran State University recognizes that climate action requires ongoing commitment and innovation. This policy will be reviewed periodically to:

- align with evolving environmental challenges
- incorporate scientific advancements
- support national and international climate strategies
- strengthen institutional sustainability practices



Conclusion



Through this Climate Action Policy, Lankaran State University reaffirms its commitment to addressing climate change through education, research, sustainable operations, and community engagement.

By integrating climate action into institutional strategy and governance, LSU contributes to global efforts to combat climate change and to build a more sustainable and resilient future for society.