Policy: Climate action plan research goals for Lankaran State University

Address: 50 H.Aslanov, Lankaran

Tel:+ 994 025 255 25 59

Email: int-rel@lsu.edu.az

Website: http://lsu.edu.az

Climate action plan research goals

Increase Climate Change and Sustainability Research Funding

- **Objective**: Increase the total funding for climate change and sustainability research by 40% by 2026.
    - **Specific**: Secure additional research grants and external funding for projects focused on climate change mitigation, adaptation, and sustainability.
    - **Measurable**: Track total research funding from grants, external sponsors, and institutional support.
    - **Achievable**: Achieved by fostering partnerships with government agencies, private sector companies, and NGOs.
    - **Relevant**: Additional funding is needed to conduct cutting-edge research on climate solutions.
    - **Time-bound**: Achieve a 40% increase by 2026.

Promote Interdisciplinary Climate Change Research

- **Objective**: Increase interdisciplinary climate research publications by 30% by 2027.
    - **Specific**: Encourage collaboration across departments (e.g., science, policy, engineering, and social sciences) to publish joint climate-related research papers.
    - **Measurable**: Track the number of interdisciplinary climate change research publications.
    - **Achievable**: Create interdisciplinary research hubs, provide funding for collaborative projects, and support joint conferences.
    - **Relevant**: Climate change is a multifaceted issue that requires integrated solutions from various fields of expertise.
    - **Time-bound**: Achieve a 30% increase in interdisciplinary publications by 2027.

Establish Climate Action Research Centers

- **Objective**: Establish at least two climate action research centers by 2026.
    - **Specific**: Create dedicated research centers focused on climate solutions, such as renewable energy, carbon sequestration, and environmental policy.
    - **Measurable**: Track the establishment of centers and the number of research projects they support.
    - **Achievable**: Achieved through collaborations with faculty, institutional investment, and partnerships with research institutions.
    - **Relevant**: Research centers can drive innovation and serve as hubs for climate-related research.
    - **Time-bound**: Establish at least two research centers by 2026.

Develop Climate Change and Sustainability Research Partnerships

- **Objective**: Establish 10 research partnerships with external organizations (NGOs, government agencies, corporations) by 2026.
    - **Specific**: Partner with NGOs, local and international government agencies, and private companies to fund and conduct joint climate research.
    - **Measurable**: Track the number of research partnerships created.
    - **Achievable**: Through networking, outreach, and formal agreements with external stakeholders.
    - **Relevant**: Collaboration with external organizations enhances the impact and scope of research.
    - **Time-bound**: Secure 10 partnerships by 2026.

Increase Research on Climate Change Mitigation Technologies

- **Objective**: Increase the number of research projects focused on climate change mitigation technologies by 50% by 2028.
    - **Specific**: Focus on developing and researching technologies to reduce greenhouse gas emissions, such as carbon capture, renewable energy innovations, and sustainable agriculture practices.
    - **Measurable**: Track the number of active research projects in these areas.
    - **Achievable**: Support researchers with grants and incentives for developing and testing new technologies.
    - **Relevant**: Technology is key to addressing the climate crisis and scaling solutions.
    - **Time-bound**: Achieve a 50% increase in mitigation research by 2028.

Foster Student Involvement in Climate Research

- **Objective**: Increase student participation in climate research projects by 25% by 2026.
    - **Specific**: Provide opportunities for students to engage in research on climate change, sustainability, and related fields through internships, fellowships, and research assistant positions.
    - **Measurable**: Track the number of students participating in research projects.
    - **Achievable**: Through collaboration with faculty, funding for student positions, and integrating research opportunities into coursework.
    - **Relevant**: Involving students in climate research builds future leaders in sustainability and climate action.
    - **Time-bound**: Achieve a 25% increase by 2026.

Publish High-Impact Climate Research

- **Objective**: Publish 50 climate-related research papers in high-impact journals by 2027.
  - **Specific**: Focus on publishing original research related to climate science, policy, and sustainability in leading journals.
  - **Measurable**: Track the number of research papers published in peer-reviewed, high-impact journals.
  - **Achievable**: Provide support for researchers in the form of funding, time allocation, and collaboration with other experts.
  - **Relevant**: High-impact publications increase the visibility and credibility of climate research.
  - **Time-bound**: Achieve 50 publications by 2027.

Facilitate Climate Change Data Sharing and Open Access Research

- **Objective**: Create an open-access climate research database by 2025.
  - **Specific**: Develop a publicly accessible database of climate-related research, datasets, and findings.
  - **Measurable**: Track the development of the platform and the number of research datasets shared.
  - **Achievable**: Leverage university IT infrastructure and partnerships with data management platforms.
  - **Relevant**: Open access to data promotes collaboration and accelerates progress on climate solutions.
  - **Time-bound**: Launch the database by 2025.

Enhance Research on Climate Change Adaptation Strategies

- **Objective**: Increase research projects focused on climate adaptation by 30% by 2027.
  - **Specific**: Focus on researching climate adaptation strategies that help communities cope with the impacts of climate change, including resilient infrastructure and adaptive agricultural practices.
  - **Measurable**: Track the number of research projects in climate adaptation.
  - **Achievable**: Provide research funding, foster interdisciplinary collaboration, and encourage public-private partnerships.
  - **Relevant**: Adaptation research is vital to preparing for and mitigating the effects of climate change.
  - **Time-bound**: Achieve a 30% increase by 2027.

Promote Climate Change Education and Public Policy Research

- **Objective**: Increase research on climate policy and governance by 40% by 2028.
  - **Specific**: Encourage research into effective climate policies, governance structures, and international cooperation to address climate change.
  - **Measurable**: Track the number of policy research papers published and the impact of these publications.
  - **Achievable**: Promote collaboration with policy experts and government agencies to inform evidence-based policymaking.
  - **Relevant**: Effective climate policy is essential for coordinated global and local climate action.
  - **Time-bound**: Achieve a 40% increase in climate policy research by 2028.