

13.3.1 - Does your university as a body provide local education programmes or campaigns on climate change risks, impacts, mitigation, adaptation, impact reduction and early warning?

Azerbaijan State Oil and Industry University (ASOIU) through its Sustainable Development Center organizes a range of local education programmes and awareness campaigns aimed at addressing the risks, impacts, and mitigation of climate change. These activities support the goals of SDG 13 – Climate Action, focusing on both academic and community-based education.

Educational Programmes and Workshops

ASOIU regularly delivers training sessions, seminars, and workshops on climate change mitigation, carbon reduction, and adaptation technologies in the energy and industrial sectors. These programmes are designed for students, local community members, and industry professionals, emphasizing practical approaches to climate resilience in oil, gas, and urban infrastructure.

Examples include:

- Workshops on “Climate Change and the Energy Transition”, highlighting strategies to decarbonize the petroleum industry and integrate renewable energy into national systems.

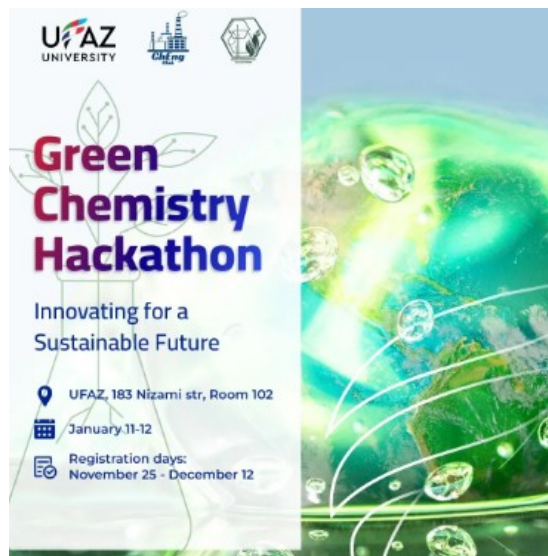


https://asoiu.edu.az/single_news/2545

- Student seminars on “Early Warning and Climate Monitoring Systems”, organized in collaboration with the Hydrometeorology Department and Emergency Situations Committee, addressing natural disaster preparedness and early warning mechanisms in Azerbaijan.
- Public lectures under the “Healthy Life and Green Future” initiative, promoting sustainable lifestyles, energy efficiency, and responsible resource consumption.

Community Engagement and Local Impact

ASOIU extends its climate education beyond campus through community outreach programmes in partnership with Baku city schools and municipal institutions, educating young learners and local residents on climate adaptation, recycling, and water conservation. The “Hackathon” series invites experts from international organizations and local agencies to share best practices on climate resilience and urban sustainability.



Integration with Research and Curriculum

Climate-related education is embedded into several ASOIU curricula and research activities. Courses such as Energy Engineering, Renewable Energy, and Ecological Engineering include modules on climate change impacts, greenhouse gas assessment, and adaptation planning. Graduate students are encouraged to conduct applied research on topics like carbon capture technologies, energy efficiency in oil production, and climate-resilient infrastructure design.

1. https://asoiu.edu.az/power_engineering/upload/syllabus/050608_ENG_3-4.pdf
2. https://asoiu.edu.az/info_main
3. https://asoiu.edu.az/chemical_technology_faculty/upload/syllabus/050606_ENG.pdf