

15.2.5 - Does your university as a body offer educational programme/outreach for local or national communities on sustainable management of land for agriculture?

Azerbaijan State Oil and Industry University (ASOIU) actively contributes to public awareness and education on the sustainable management of land and agricultural resources through interdisciplinary programmes, community outreach, and applied research aligned with SDG 15 – Life on Land.

1. Educational Programmes

- ASOIU integrates sustainability and environmental management into curricula across the Department of Ecology and Sustainable Development Center, covering topics such as soil protection, land use optimization, and water–energy–food nexus.
- Specialized lectures and workshops are delivered under the “Green Transformation Program”, where students learn about climate-smart agriculture, erosion control, and sustainable irrigation technologies.



2. Community Outreach and Capacity Building

- ASOIU organizes annual public seminars and short courses for local communities, municipal leaders, and agricultural cooperatives focused on:
 - Efficient use of land and water resources in arid regions of Azerbaijan
 - Restoration of degraded lands and reforestation methods
 - Application of renewable energy systems (solar-powered irrigation, waste-to-energy for agriculture)



3. Partnerships and Field Initiatives

- Collaborations with the Ministry of Ecology and Natural Resources, Agrarian University, and Khazar University promote joint projects on soil conservation, biodiversity, and sustainable land practices.
- ASOIU students participate in field-based learning projects in the Gobustan and Absheron regions, analyzing soil degradation, salinity, and sustainable re-cultivation methods.

4. Impact

These initiatives empower both students and local communities to adopt sustainable agricultural techniques, contributing directly to Azerbaijan's national strategies for combating desertification and ensuring responsible land stewardship.