

15.2.4 - Does your university as a body offer educational programmes on ecosystems (looking at wild flora and fauna) for local or national communities?

The Azerbaijan State Oil and Industry University (ASOIU) actively offers and supports educational programmes, workshops, and outreach activities focused on ecosystems, biodiversity, and sustainable land and water management for both local and national communities. These programmes are implemented through its Faculty of Geological Exploration and Ecology, the Department of Environmental Engineering combining scientific research with public engagement.

1. Educational and Training Programmes on Ecosystems

ASOIU conducts field-based training and applied learning programmes that enable students and community participants to study natural ecosystems directly. A notable example is the International Geophysics Field Camp organized in collaboration with UFAZ, BP, and the Society of Exploration Geophysicists (SEG).

This camp, held annually in the Astara region, brings together local and international students to explore and analyze the interaction between groundwater systems, soil composition, and vegetation patterns. Participants learn to use geophysical and geochemical instruments — such as Ground Penetrating Radar (GPR), seismic methods, and pH/conductivity sensors — to monitor ecosystem health and understand the dynamics of natural habitats.



2. Community Awareness and Outreach

ASOIU extends its educational mission beyond the university by organizing public lectures, seminars, and community outreach events on biodiversity and sustainable environmental management. In collaboration with the Ministry of Ecology and Natural Resources of Azerbaijan, ASOIU invites local school students, municipal representatives, and civil society groups to participate in tree-planting campaigns, environmental cleanup actions, and biodiversity awareness sessions.



Through a combination of academic programmes, public training, community engagement, and international collaboration, ASOIU actively offers educational opportunities on ecosystems and biodiversity for both local and national audiences. These initiatives demonstrate the university's institutional commitment to raising awareness, fostering environmental stewardship, and promoting the protection of wild flora and fauna in alignment with SDG 15 (Life on Land).