UNIVERSITY OF OUM EL BOUAGHI

Report on the United Nations Sustainable Development Goal 15: Life on Land

ABSTRACT

This report highlights the University of Oum El Bouaghi's endeavors in pursuit of Sustainable Development Goal 15: Life on Land.



Introduction

This report summarizes the University of Oum El Bouaghi's contribution to Sustainable Development Goal 15 through biodiversity-related research, campus planning, environmental partnerships, and waste-management policies. It incorporates documented 2025 evidence from the Faculty of Earth Sciences and Architecture, including a seminar on ecological diversity and student geoscience innovation. The available evidence documents institutional policies and activities; it does not quantify changes in species status, habitat condition, or land degradation.

1. Biodiversity Conservation

Policy and Commitment

The university describes a policy framework for identifying, monitoring, and protecting threatened species, including species listed on the IUCN Red List. The stated measures include species identification, habitat protection, access management, monitoring, awareness activities, and cooperation with relevant authorities.

Research and Training Projects

The university reports research and training projects on biodiversity conservation and environmental pressures on ecosystems. These projects are described as contributing to knowledge of local biodiversity and potential protection measures.

2. Sustainable Campus Development

Local Biodiversity Integration

The university reports incorporating local biodiversity considerations into campus planning and construction. Measures during construction and renovation are described as protecting local plant resources and environmentally significant sites. Tree and plant planting is also reported as supporting the campus ecosystem.

3. Mitigation of Alien Species

Policy and Legal Compliance

The university describes a policy approach to reducing risks associated with alien species on campus. It reports that introducing non-native plants or animals requires prior approval from the relevant authorities and that the approach includes monitoring, awareness, and collaboration with local partners.

4. Responsible Waste Disposal

Waste Disposal Policy

The university describes procedures for waste disposal, including hazardous materials, under applicable national legislation. The stated approach emphasizes appropriate handling and covering of hazardous waste.

Plastic Reduction Policy

The university reports a plastic-reduction policy intended to encourage alternatives, reduce plastic use, and support recycling in accordance with local laws and regulations.

2025 Biodiversity Outreach and Geoscience Innovation

On 14 December 2025, the Faculty of Earth Sciences and Architecture hosted a scientific seminar entitled “Ecological Diversity in Algeria and Conservation Strategies” at the university’s central administrative tower. The official faculty notice records the event date, venue, subject, and participation by faculty members, students, and staff. This is direct evidence of educational outreach concerning terrestrial biodiversity and conservation.

Faculty of Earth Sciences and Architecture

Ecological diversity seminar and photo record (14 December 2025)



Event poster: “Ecological Diversity in Algeria and Conservation Strategies” (14 December 2025).



User-supplied display board illustrating biodiversity and green spaces in the Solar City case study.

Geoscience collaboration and student innovation

On 26 October 2025, the Natural Resources and Sensitive Environments Research Laboratory received a scientific delegation from Selçuk University, Konya. The official university report states that geology students presented their startup concept, Rare Terra Innovation, and that the visit included discussion of research coordination and possible joint research projects.

Selçuk University delegation visit (26 October 2025)

The faculty describes Rare Terra Innovation as a project exploring the valorisation and extraction of rare earth elements from phosphate using smart reactors. Its official notice records the “Innovative Project” label, while a separate report records the Master 2 dissertation defence on 3 December 2025. These records support reporting the initiative as student geoscience research and innovation; they do not demonstrate measured biodiversity benefits or verified environmental performance.

Rare Terra Innovation project label

Rare Terra Innovation Master 2 dissertation defence (3 December 2025)



Rare Terra Innovation project slide, supplied as supporting evidence.



Photographs of the scientific delegation visit and laboratory presentation (26 October 2025).

Partnerships Supporting Terrestrial Ecosystems

The university partnership register identifies agreements that provide a formal basis for research and cooperation with forest, dryland, and environmental institutions. The selected entries below are directly relevant to SDG 15. Dates and renewal terms are reproduced from the register; where renewal is permitted, the table does not independently establish whether renewal was exercised.

Agreement and SDG 15 relevance	Signed	Term / listed end date	Official agreement
Joint research team framework with the University Centre of Mila, CRSTRA, the National School of Forestry (Batna), and the General Directorate of Forests	03/01/2021	3 years; renewable tacitly. Listed end date: 03/01/2024.	Open PDF
Cooperation framework with the Directorate of Agricultural Services (DSA), Oum El Bouaghi	14/02/2021	3 years; tacit renewal. Listed end: 14/02/2024.	Open PDF
Scientific and technical cooperation framework with the Scientific and Technical Research Centre for Arid Regions (CRSTRA)	26/01/2022	5 years; renewable tacitly. Listed end date: 26/01/2027.	Open PDF
Cooperation agreement with the Directorate of the Environment of Oum El Bouaghi	21/05/2024	5 years; renewable. Listed end date: 21/05/2029.	Open PDF

These partnerships strengthen the university's documented institutional capacity for cooperation on forestry, arid-land research, and environmental management. Their inclusion is evidence of formal collaboration; assessment of implementation or ecological impact requires activity records and outcome indicators.

Sources for 2025 evidence

Faculty of Earth Sciences and Architecture

Ecological diversity seminar and photo record (14 December 2025)

Selçuk University delegation visit (26 October 2025)

Rare Terra Innovation project label

Rare Terra Innovation Master 2 dissertation defence (3 December 2025)

Official university partnership register

Conclusion

The report documents policies and activities related to biodiversity conservation, campus planning, alien-species management, waste reduction, environmental outreach, geoscience research, and institutional partnerships. The listed agreements with agricultural services, CRSTRA, forestry, and environmental partners provide formal channels for cooperation relevant to terrestrial ecosystems and land stewardship. The sources document the agreements and activities, but do not quantify resulting changes in species status, habitat condition, or land degradation.

Continued monitoring with defined indicators and regular outcome reporting would enable the university to assess the reach and environmental effects of these measures over time.