Kasdi Merbah University Ouargla

SDG 12: Responsible Consumption and Production

The Universit y promotes responsible consumption and production through waste valorization, circular economy initiatives, and student-led research projects. It also raises awareness of chemical risks in consumer products and advances administrative sustainability by implementing paperless procedures for doctoral processes. This document compiles documented activities according to the relevant SDG 12 metrics of the Sustainability Impact Ratings, with links to supporting evidence for each activity.

Study day “Green Environment: Waste Management and Soil Protection”



Study day on waste management and soil protection

On Thursday, 5 December 2024, on the occasion of World Soil Day, the Department of Chemistry of the Faculty of Mathematics and Matter Sciences at Kasdi Merbah University of Ouargla, together with the

university's social and economic partners, organised a study day entitled "Green Environment: Waste Management and Soil Protection" in the discussion hall of University Pole 1. It brought together professors and students of the department and representatives of economic institutions and social partners.

After the opening with verses from the Holy Quran and the national anthem, the Vice-Dean for Studies, Prof. Mohamed Lakhdar Belfar, opened the day. Presentations followed by Prof. Louisa Zankhri, Head of the Department of Chemistry, Prof. Hicham Sebouker, Yassine Moussaoui and representatives of the economic and social partners.

As part of the national tree-planting campaign set by the Ministry of Higher Education and Scientific Research, the faculty's Department of Cultural, Scientific and Sports Activities, with the Directorate of Environment, the Wilaya Directorate of Forests and the Jawhara Chemistry Club, ran a tree-planting campaign, "A Tree for Every Student". Participants and university clubs also presented an exhibition of environmental products. The day ended with the honouring of all contributors and the planting of a large number of trees with the university community.



Source :

https://web.facebook.com/61558165199576/posts/%D8%AC%D8%A7%D9%85%D8%B9%D8%A9_%D9%82%D8%A7%D8%B5%D8%AF%D9%8A_%D9%85%D8%B1%D8%A8%D8%A7%D8%AD_%D9%88%D8%B1%D9%82%D9%84%D8%A9-%D9%83%D9%84%D9%8A%D8%A9-%D8%A7%D9%84%D8%B1%D9%8A%D8%A7%D8%B6%D9%8A%D8%A7%D8%AA-%D9%88%D8%B9%D9%84%D9%88%D9%85-%D8%A7%D9%84%D9%85%D8%A7%D8%AF%D8%A9-%D9%82%D8%B3%D9%85-%D8%A7%D9%84%D9%83%D9%8A%D9%85%D9%8A%D8%A7%D8%A1-

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Zero-paper digital platforms presented in a live radio broadcast from the university



Live broadcast of Algerian Radio Ouargla – Touggourt from the university

As part of the celebration of the 70th anniversary of National Student Day (19 May), Algerian Radio in Ouargla and Touggourt broadcast on the morning of Wednesday, 20 May 2026 a live programme from the honorary hall of the Rectorate of Kasdi Merbah University of Ouargla with the Rector, Distinguished Professor Mohamed Tahar Halilat. It was presented by the Director of Algerian Radio in Ouargla and Touggourt, Mr. Youssef Khalif, and the journalist Imane Laamouri.

The programme also hosted the Vice-Rector for Pedagogy, Prof. Abi Miloud Abdelfattah, the Vice-Rector for External Relations and Cooperation, Prof. Mohamed Mehdi Kadri, the Vice-Rector for Scientific Research and Postgraduate Studies, Prof. Redouane Kafi, the Head of the University Quality Unit, Prof. Lamia Omani, the Head of the Systems and Networks Centre, Prof. Akram Boukhmala, and the Director of the University Incubator, Prof. Mohcen Belhabib.

The topics included the university's technological and digital transformation, the fourth-generation university and its zero-paper digital platforms; start-ups under Ministerial Decision 1275, patents and the business incubator; partnerships with national and international companies; international mobility under Erasmus+; the opening of the Russian and Chinese corners; the Digital Centre for People with Disabilities; the

university's ISO 9001:2015 certification as the first Algerian university to obtain it; its rankings; and its new laboratories and programmes.

In the student part of the programme, the radio hosted two international students, Asto Mohamed El Abed from Mauritania and Arlond Sondoza from Zimbabwe, as well as Tamer Ahmed Tidjani, first in the Arab world for best pleader in the Arab Moot Court competition, and Bilal Rabah Boufateh, who manages the Fablab set up by TotalEnergies to support students' projects.



Source : https://www.univ-ouargla.dz/?p=20740

Students of the Faculty of Natural and Life Sciences win 2nd and 3rd places in the national Sustainability Challenge 2026



Prize-winning students at the Algeria Job Summit 2026

A new achievement for the Faculty of Natural and Life Sciences and for Kasdi Merbah University of Ouargla: its students and their supervising professors won second and third places in the national competition Sustainability Challenge 2026, organised within the Algeria Job Summit 2026 by the National Agency for the Valorisation of Research Results and Technological Development (ANVREDET).

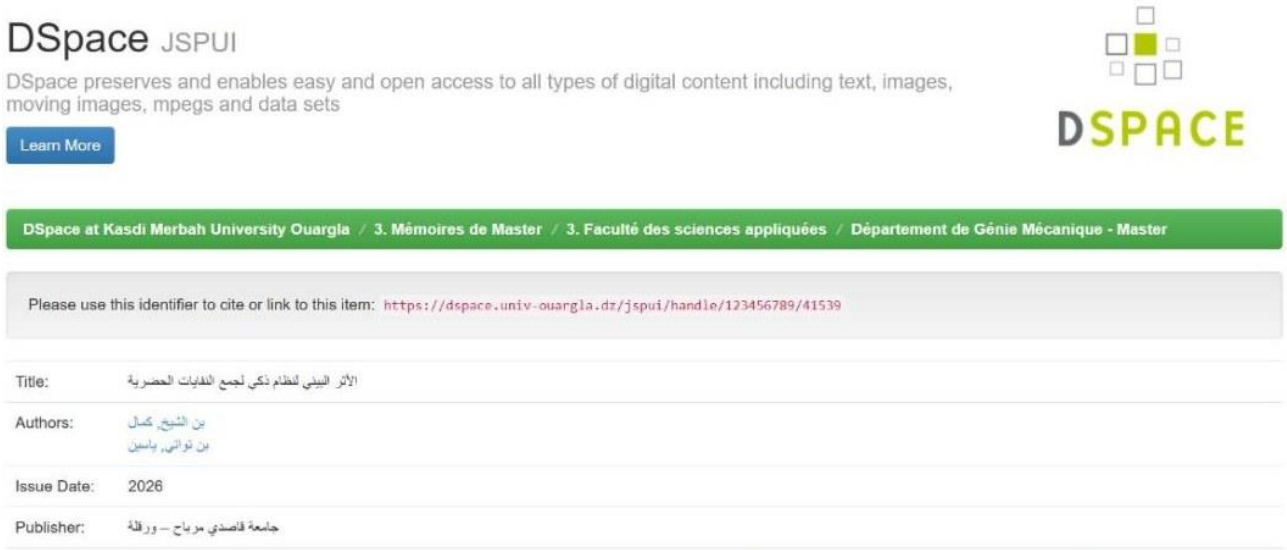
The winning students are Imane Tidjani, Amina Benbay, Amira Meriem Douadi, Soumia Aissa and the PhD student Badra Tadjine, enrolled under Ministerial Decision 1275 (“a diploma – an economic enterprise”).

Second place went to the BioSorb project, which aims at the sustainable valorisation of date-palm residues to remove pollutants from soil, air and water with a “zero waste” approach. Third place went to EcoPhrag-Carb, a smart and innovative system that removes pollution and recovers resources, while helping to reduce the carbon footprint and improve water management.

This award reflects the scientific excellence and innovation of the university’s students, and confirms the success of its efforts to turn research results into projects with sustainable economic and development value.

Source : https://www.univ-ouargla.dz/?p=20879

Master’s research on waste valorisation and the circular economy



Master’s thesis record in the university’s DSpace repository

Master’s students of Kasdi Merbah University of Ouargla work on turning local waste into resources. Their theses are freely available in the university’s open repository, DSpace.

A 2025 thesis in agronomic sciences (Faculty of Natural and Life Sciences) produced compost from date-palm waste mixed with sewage-treatment sludge. Over 60 days of monitoring, the balanced mixture of equal parts gave a mature, stable compost, showing that oasis residues can be recycled to enrich sandy soils and reduce the use of chemical fertilisers.

A 2025 thesis in biology proposes an industrial-ecology strategy for the Haoud Berkaoui oil zone near Ouargla, based on closed loops, waste recovery and cooperation between companies, with measures such as bioremediation of oily sludge, wastewater recycling and a local sorting centre.

A 2026 thesis in mechanical engineering (Faculty of Applied Sciences) models a smart urban waste collection system based on connected bins that report how full they are, and estimates its effect on fuel use, CO2 emissions and noise compared with traditional collection.

Source : https://dspace.univ-ouargla.dz/jspui/handle/123456789/40614

https://dspace.univ-ouargla.dz/jspui/handle/123456789/40466

https://dspace.univ-ouargla.dz/jspui/handle/123456789/41539

3rd Medical-Surgical Days of Ouargla on “Health and Environment”



Programme of the 3rd Medical-Surgical Days, 18–19 April 2025

On 18 and 19 April 2025, the Faculty of Medicine of Kasdi Merbah University of Ouargla and the Association of Doctors of Ouargla held the 3rd Medical-Surgical Days of Ouargla at the Lynatel Palace, on the theme “Health and Environment”.

The programme covered the impact of the environment on human health, environment-related diseases, innovative approaches and adaptation strategies, and the use of artificial intelligence and new technologies to assess and prevent environmental risks.

Among the e-posters presented were works on phthalates in cosmetics, lead poisoning linked to the use of kohl in Ouargla, and the health and regulatory issues of pesticides. These communications inform doctors

and the public about hazardous substances in everyday consumer products and how to prevent exposure to them.

Source : ……