



الجامعة الأورومتوسطية بفاس
EUROMED UNIVERSITY OF FES
UNIVERSITÉ EUROMED DE FÈS

SDG15 report

Land life

2025



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SDG15 Report: Life on Land

Introduction

Sustainable Development Goal 15, dedicated to Life on Land, represents a key pillar of our commitment to a balanced planet. It underscores the urgent need to protect, restore, and promote the sustainable use of terrestrial ecosystems, forests, and the biodiversity that sustain them. This report examines the critical challenges and innovative approaches needed to achieve the ambitious goals of SDG 15, highlighting the crucial importance of preserving biological diversity and ensuring the sustainability of terrestrial ecosystems for generations to come.

The fifteenth goal of the United Nations SDGs aims to establish sustainable management of terrestrial ecosystems (forests and mountains) by preserving biodiversity and soils, limiting the long-term impacts of natural disasters.

In this context, a number of educational and research activities are carried out by the Euromed University of Fez through teaching modules, end-of-study projects (PFE), research and patents.

Training

Master's in Environmental Engineering and Water Management (GEGE)

- Natural and Disturbed Systems - Microbiology;
- Materials in the environment and methods of analysis;
- Pollution, nuisances and impacts;
- Environmental economics;
- Environmental policy and society;
- Water, soil and air;
- Water quality in watersheds - Aquatic ecology;
- Water treatment;
- Modeling of hydroecosystems;
- Water management.

Master in Transport and Sustainable Mobility (TMD)

- Energy and climate change;
- Transport externalities: elements of analysis and calculations;
- Environmental and transport economics;
- Sustainable development;
- Sustainable transport;
- "Transport and sustainable mobility" integrative project.

Civil Engineering Cycle (GC)

- Engineering Geology;
- Load hydraulics and free surface hydraulics;
- Hydrology and hydrogeology;
- Road infrastructure;
- Building energy;
- Environment (EIA);
- River hydraulics and watercourse development;
- Maritime hydraulics and port engineering;

- Advanced Geotechnical Engineering;
- Railway infrastructure and remote-controlled systems;
- Land use planning and urbanization suitability;
- Bridges and crossing structures.

Final year projects

- Sanitation and health safety: application on a pilot case – STEP Ain Aouda;
- Valorization of wet pomace for boiler feed;
- Biochar and biogas treatment;
- Activated sludge and MBBR fluidized bed for wastewater treatment;
- Physicochemical characterization of industrial liquid discharges and proposal of treatment solutions;
- Numerical simulations of supercritical flows at the location of narrowing channels: taking into account friction, dispersion and turbulence;
- Route of the Rabat-Fez high-speed line;
- Study of the construction of a crossing structure over the El Qati valley as part of flood protection of the natural, architectural and built environments of Ighil N'Oumgoune;
- Sidi Abbou Dam – Hydraulic and hydrological study, sizing and verification of static and seismic stability (embankment dike system);
- Sizing of a solution to reinforce the excavations of the Wave project in Tangier;
- Study of a treatment plant;
- Physicochemical characterization of sludge from OCP WWTPs: Evaluation of agronomic and environmental quality.

Research projects and doctoral theses

- Antibacterial and antiviral coatings from marine waste (research project);
- Treatment of water contaminated by margins using bio-sourced adsorbents (research project);
- CO₂ sequestration by spongy biomass (research project);
- New approach to formulating clay-based geopolymers for additive manufacturing (research project);
- Synthesis of bio-sourced cementitious materials for construction using additive manufacturing (research project);
- Cellulose nanocrystals for the design of biodegradable plastics (doctoral thesis defended);
- Food packaging and catalyst by modification of crustacean shells (doctoral thesis defended).

Patents

- Antibacterial and antiviral adhesive films based on crosslinkable viologens (A. El Kadib, N. Katir, M. Boundor, MA Benzaouia, National Patent MA. National Patent MA. N°60439. 15/05/2023).
- Antibacterial and antiviral sprayable formulations for surface coatings (A. El Kadib, M. Bousmina, MA Benzaouia, N. Katir, M. Elfahime, National Patent MA. N°58510. 21/11/2022).
- Construction process based on monolithic structure technology (Abderrahim Belabid, Hajar Akhzouz, Hanane Elminor, Hassan Elminor. 12/30/2022).

Scientific publications

- HR Vanaei, A. El Magri, MA Rastak, S. Vanaei, S. Vaudreuil, A. Tcharkhtchi. Numerical-Experimental Analysis toward the Strain Rate Sensitivity of 3D-Printed Nylon Reinforced by Short Carbon Fiber. *Materials*. 15(24), (2022).<https://www.mdpi.com/1996-1944/15/24/8722>

- O. Benmoussa “Population and Economic Development: A Counterintuitive Relationship for a Sustainable World”. International Journal of Advanced and Applied Sciences 10(3), (2022), pp. 14-25, 2023
- N Hammi, M Kedzierska, N Wronska, N Katir, J Dhainaut, S Royer, Mr. Bryszewska, K. Miłowska, A. El Kadib. *Boron nitride embedded in chitosan hydrogel as hydrophobic, promising metal-free, sustainable antibacterial materials. Materials Advances, 2023, <https://doi.org/10.1039/D3MA00445G>
- N Wrońska, * N Katir, M Nowak-Lange, A El Kadib, K Lisowska. Biodegradable Chitosan-Based Films as an Alternative to Plastic Packaging. Foods, 12 (2023) 3519
- A. Brik, M. El Kadiri, T. El Assimi, P. Dambruoso, R. Beniazza, G. Gouhier, A. El Kadib, M. Lahcini. * Bismuth supported on phosphonium functionalized chitosan as sustainable heterogeneous catalysts for one-pot Biginelli condensation. Molecular Catalysis, 548 (2023) 113422
- N. Hammi, * N. Couzon, T. Loiseau, C. Volkringer, A. El Kadib, S. Royer, J. Dhainaut. * Hierarchically Porous ZIF-67/Chitosan Beads with High Surface Area and Strengthened Mechanical Properties: Application to CO₂ Storage. Materials Today Sustainability, 22 (2023) 100394
- M. El Kadiri, T. El Assimi, P. Thébault, A. El Meziane, S. Royer, A. El Kadib, G. Gouhier, * M. Lahcini. * Bismuth Nanoparticles Supported on Biobased Chitosan as Sustainable Catalysts for the Selective Hydrogenation of Nitroarenes. ACS Appl. Nano Mater., 6 (2023) 4017-4027
- S. Blilid, M. Boundor, N. Katir, M. El Achaby, M. Lahcini, JP Majoral, M. Bousmina, A. El Kadib. * Expanding chitosan reticular chemistry using multifunctional and thermally-stable phosphorus-containing dendrimers. Macromolecules, 56 (2023) 1223-1235
- A. El Kadib, N. Wrońska, K. Lisowska, A. Anouar, N. Katir, K. Miłowska, B. Bielska, M. Bryszewska. Functional Bio-Based Chitosan Films: From Material Design to Biological Properties. In Functional Materials in Biomedical Applications Edition. Jenny Stanford Publishing, 2023, eBook ISBN 9781003411468
- E. Boutrouia, T. El Assimi, Mr. Raihane, R. Beniazza, H. Ben Youcef, Mr. Khouloud, Mr. Hassen V. Baouab, A. El Kadib, Mr. Lahcini. * Polymethyl methacrylate-g-carboxy-methylcellulose as an amphiphilic coating material for slow-release fertilizer. Prog. Org. Coat., 172 (2022) 107102
- A. Anouar, A. Grirrane, E. Alvarez, N. Katir, A. Primo, H. Garcia, * A. El Kadib. * Nanosized copper stabilized on ternary P, N, S-doped graphene from chitosan shellfish waste: preparation and catalysis of single and double A₃-type amine coupling. Materials Today Sustainability, 18 (2022) 100109
- N. Hammi, S. Chen, A. Primo, S. Royer, H. Garcia, * A. El Kadib. * Shaping MOF oxime oxidation catalysts as three-dimensional porous aerogels through structure-directing growth inside chitosan microspheres. Green Chem., 24 (2022) 4533-4543
- N. Hammi, S. Chen, C. Michon, S. Royer, * A. El Kadib. * Cu nanoparticles embedded on reticular chitosan-derived N-doped carbon: Application to the catalytic hydrogenation of alkenes, alkynes and N-heteroarenes. Molecular Catalysis, 519 (2022) 112104
- A. Dra, K. Khallouk, K. Tanji, I. El Mrabet, Y. Fahoul, B. El Fathi, A. Arrahli, A. El Gaidoum, L. Mardi, A. Taleb, A. Chaouni, A. Kherbeche. Removal of Crystal Violet Dye from Aqueous Solution Using Oued Sebou Sediment (Fez-Morocco): Box-Behnken Optimization and

Germination Studies. Water, Air, & Soil Pollution DOI:<https://doi.org/10.1007/s11270-023-06110-4>

- A. El Gaidoumi, K. Tanji, A. Loqman, I. El Mrabet, A. Arrahli, A. Dra, Y. Fahoul, M. Zouheir, B. El Bali, A. Kherbeche. Cu(II) impregnated clay-derived HS zeolite: Synthesis, characterization and catalytic activity on catalytic wet peroxide oxidation (CWPO) of phenol. Journal of Coordination Chemistry DOI:<https://doi.org/10.1080/00958972.2022.2154156>
- A. El Gaidoumi, K. Tanji, A. Loqman, I. El Mrabet, Y. Fahoul, A. Arrahli, A. Dra, M. Zouheir, B. El Bali, A. Kherbeche. Silver-photodeposited TiO₂-clay nanocomposite: sol-gel synthesis, characterization and CCD optimized photocatalytic activity. Journal of the Iranian Chemical Society DOI:<https://doi.org/10.1007/s13738-022-02668-8>
- A. Ksakas, A. Arrahli, A. Dra, Y. Fahoul, M. Iboustaten, A. El Gaidoumi, K. Tanji, A. Kherbeche. Kinetic, equilibrium, and thermodynamic studies of heavy metal removal from aqueous solutions by natural material from Morocco. Euro-Mediterranean Journal for Environmental Integration DOI:<https://doi.org/10.1007/s41207-022-00298-3>
- Belabid, A., Akhzouz, H., Elminor, H., & Elminor, H. (2023). Characteristics of traditional building materials and techniques based on earth, stone and timber: An overview and focus on Morocco, Journal of engineering research and technology, volume 10, issue 2, 2023<https://doi.org/10.33976/JERT.10.2/2023/1>
- Belabid, A., Akhzouz, H., Elminor, H., & Elminor, H. (2023). Monolithic Structure Technology: A New Construction Process to Enhance Traditional Construction. International Journal of Sustainable Construction Engineering and Technology, 14(1), 42-47.<https://penerbit.uthm.edu.my/ojs/index.php/IJSCET/article/view/12180>
- Lachgar, N., Berrajaa, A., Essabbar, M., Saikouk, H. Machine Learning Approach for Reference Evapotranspiration Estimation in the Region of Fes, Morocco Lecture Notes in Networks and Systems, 2023, 669 LNNS, pp. 105-113
- Essabbar, M., Bakkali, S., Saikouk, H. Intelligent IoT Platform for Precocious Detection of Late Blight and TYLCV Tomato Disease in Morocco, Lecture Notes in Networks and Systems, 2022, 454 LNNS, pp. 54-64

Events and activities

CLUB WE GREEN IN ACTION: "ENHANCING IFRANE NATIONAL PARK: LET'S OPEN OUR EYES!"



Saturday, October 28, 2023; the "We Green" club of students from the Euromed University of Fez (UEMF) organized an awareness day for its members through visits to several environmental centers as well as a clean-up action in the Ifrane National Park.

As part of these social activities, the "We Green" club kicked off this day aimed at raising public awareness of environmental issues with the main objective of: Encouraging reflection on environmental issues, creating ecological habits through a cleaning action and awareness of biodiversity issues through a visit to the Ifrane National Park, its fish farming station in Ras El Mae and its cedar house. The day was marked in particular by a cleaning action in the forest of the Zerouka I lake in Ifrane with the ambition of reducing the negative impact of waste and residues that affect the environment.

Note that Zerrouka I is a small, shallow, drainable artificial fish pond. It is located on the Zerrouka (or Zrouka) wadi, the main tributary of the Tizguite wadi. The dike is about 300m from the spring, so its waters flow directly into it. The reservoir is limited by a concrete wall, at least on the west bank. The spring waters are also used to supply the city of Ifrane with drinking water.

At the level of this body of water which is an integral part of the Ramsar Site of Oued Tizguite; the vegetation is not very varied (around fifteen species with a wide geographical distribution) and very limited in space, the edges of the lake being concreted and mowing is frequent there.

It is a fairly sheltered trout lake, somewhat interesting for birds. It is home to few wintering birds (less than 400 birds), the population being composed mainly of divers: coots and crested coots, little grebes, pochards, tufted ducks and ferruginous wagtails, with occasional shovelers and/or mallards. Among the breeders, the common coot (20-25 pairs), the crested coot (about 10 pairs) and the little grebe (5-8 pairs) are the most regular.

Finally, it should be noted that the Euromed University of Fez is a public utility, non-profit institution with an eco-campus that meets international standards and provides a pleasant and stimulating environment for its students from more than 40 nationalities.

UEMF graduates are equipped with training in soft skills, study skills, life skills and professional skills and this profile; based on several pillars; allows students to acquire numerous skills related in particular to multilingualism, multiculturalism, innovation and entrepreneurship, the digital environment, international mobility, and sustainable development in addition to the pillar of social responsibility and eco-citizenship through which students are instilled with the values of respect for the environment, sustainable development and civic responsibility.

<https://www.oujdacity.net/national-article-157654-fr/club-we-green-en-action-sublimez-le-parc-national-difrane-ouvrons-les-yeux.html>

<https://premiumtravelnews.com/2023/10/30/club-we-green-parc-national-difrane/>

Hiking in the Taza region - Chaara Cave UEMF STUDENTS

<https://www.youtube.com/watch?app=desktop&v=WbgyU5oYeZY>

<https://www.youtube.com/watch?v=erDEg1GsDyc>

The FEMG and EEMGC “Practical Workshops” Master GEGE 1st year and GC 2nd year



As part of the practical illustration of the courses “Disturbed Natural Systems” & “Ecology and Sustainable Development” for the benefit of students in the 1st year of the Master’s degree “Environmental Engineering and Water Management” and the 2nd year of the civil engineering cycle, a field trip was carried out on January 29 and 30, 2020.

The first day was devoted to the study of the Moulay Bousselham lagoon (Merja Zerga), a wetland essential to the balance of ecosystems.

The various components of the biodiversity of this lagoon were reviewed, commented on and analyzed with systematic reference to the lessons given. The rest of the day was devoted to visiting the archaeological site of “Lexus”, a city founded by the Phoenicians in the 12th century BC and one of the oldest urban centers in the western Mediterranean. The site curator explained to the civil engineering students the techniques of construction, development, design and use of the components of this ancient Phoenician city.

The second day was devoted to a visit to the Tangier Marina, where the students were welcomed by the President of SAPT (Tangier-ville Port Development Company), who indicated that the Tangier-ville port is one of the major projects contributing to making the

city of the strait a destination of choice for pleasure and cruise tourism on an international scale and in the Mediterranean basin in particular. A presentation of "Tanja Marina Bay" by the Marketing and Strategic Intelligence Director of SAPT was given, followed by a visit to the "marine" museum, as well as a presentation of the rehabilitation and enhancement program for the ancient walls.

The students were also able to visit the Marina conversion site, a project that perfectly embodies the slogan "Give the port back to the city, unite the port and the city." Explanations were provided by the engineers in charge of carrying out the project and by the site divers. A fruitful exchange between students and engineers then focused on the methodologies used in this conversion.

Finally, a visit to the operational part of the Marina marina took place, detailing the technical aspects of its on-shore and off-shore components presented by the Port Director who also gave an overview of the history of the works, the developments carried out and the works in progress to return the marine domain to the population of Tangier and make this city an essential destination for pleasure and cruise tourism in the Mediterranean basin.

<https://ueuromed.org/actualites/ateliers-workshops/les-practical-workshops-de-la-femg-et-de-leemgc-master-gege-1ere-0>

Canyoning at the Ait Smail waterfall



A canyoning day for nature lovers and thrill seekers. This activity is reserved for non-beginners.

<https://ueuromed.org/evenements/activites-des-etudiants/canyoning-au-cascade-ait-smail?page=1>

2024: Euromed University of Fez at the heart of action for the SDGs

Cleaning action



A clean-up action in ZROUKA, located at the entrance to the city of IFRANE, thanks to this action, passengers of the lake would no longer be exposed to an annoying and unpleasant sight of garbage scattered all along the way. Also, this campaign aims to reduce the negative impact of waste and residues that affect the environment and cause pollution.

https://www.linkedin.com/posts/club-we-green-uemf-946a45292_une-action-de-nettoyeag-%C3%A0-zrouka-situ%C3%A9-a-activity-7138633128520073216-v_sw?utm_source=share&utm_medium=member_desktop

Raising awareness of the protection of aquatic biodiversity



The Ras El Mae fish farming station was our second stopover. The main mission of the Ras El Mae fish farming station is to develop salmon farming to ensure the restocking of fishing grounds and environmental education and awareness of the protection of aquatic biodiversity with a rich program of excursions and workshops dedicated to the environment, its protection and the development of sport fishing carried out regularly, for the benefit of schoolchildren in order to promote awareness of the main ecological problems of fish, including overfishing, fishing methods that are harmful to the environment and habitat degradation.

https://www.linkedin.com/posts/club-we-green-uemf-946a45292_la-station-de-pisciculture-ras-el-ma-%C3%A9t%C3%A9-activity-7138628112249933825-HYJN?utm_source=share&utm_medium=member_desktop

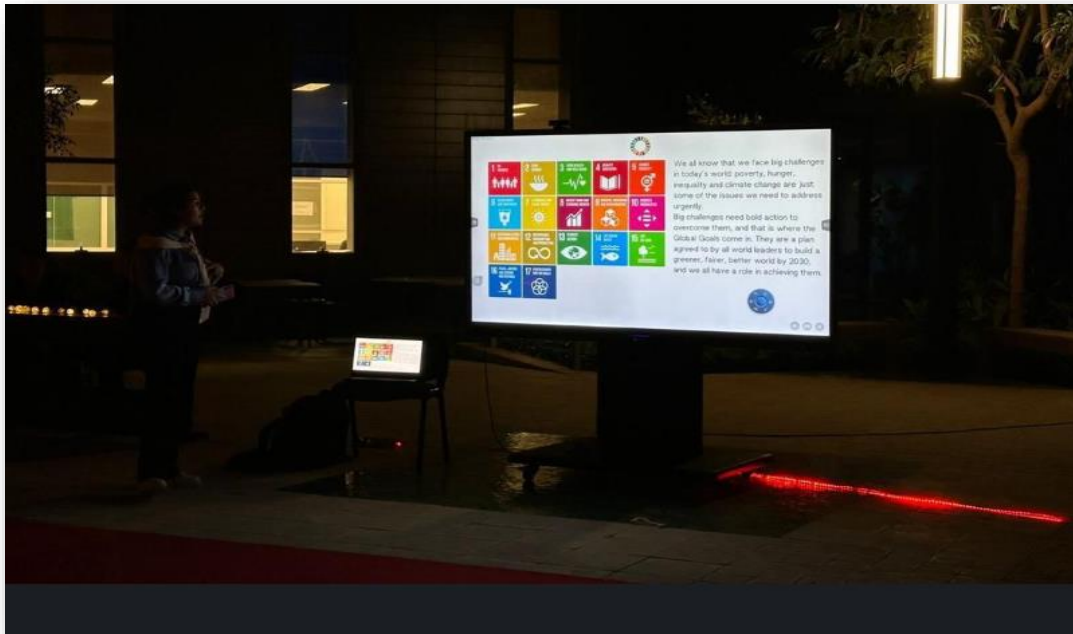
Visit to the Maison de la Cédraie: discovery of ecosystems



Visit the Maison de la Cédraie, located in the heart of the AZROU forest, is a center for discovering cedar forest ecosystems, its management and its goods and services. It also plays the role of a cornerstone for raising awareness and educating tourists and locals about the vital role that the cedar forest plays for the ecological balance and for the future of Morocco.

<https://www.instagram.com/p/CzLqH6Zs-Jb/?igsh=MzRIODBiNWFIZA==>

Presentation of the Sustainable Development Goals (SDGs).



We present our first activity, with the aim of familiarizing ourselves with our dear WE GREEN members, through a presentation of the Sustainable Development Goals (SDGs).

https://www.linkedin.com/posts/club-we-green-uemf-946a45292_nous-pr%C3%A9sentons-notre-premi%C3%A8re-activit%C3%A9-activity-7117957803733843968-89BZ?utm_source=share&utm_medium=member_desktop

PLANETFLIX; Celebrates Sustainability



Delighted to share the success of the PLANETFLIX event, a sustainability-focused cinematic journey organized by the Global Shapers Community Fez in collaboration with the WE Green Club of the Euro-Mediterranean University of Fez. An inspiring fusion of thought-provoking documentaries, captivating discussions, and a vibrant community dedicated to shaping a more sustainable future. Grateful for the collaborative efforts that made this event a resounding success.

https://www.linkedin.com/posts/mohammed-o-441220129_planetflix-globalshapers-wegreenclub-activity-7132297857616764928-g0kU?utm_source=share&utm_medium=member_desktop

Recycling Activity



Creation of a “Christmas Tree” masterpiece through the recycling of several objects, namely: water bottles, cups, sticks, caps.

<https://www.instagram.com/reel/C1NLd3ysWRK/?igsh=MzRIODBiNWFIZA==>

“How to be the Coolest” training



Eco-responsibility within our community: The action took place in 2 essential parts: A theoretical part where we covered the essentials to know about how to be responsible, then a practical part where everyone was able to share a word to raise awareness among those around us.

<https://www.instagram.com/reel/C4eKOH4MNZf/?igsh=MzRIODBiNWFIZA==>

Organizing a gardening activity



The UEMF Rotaract Club is organizing a gardening activity with the children of BAB KHOUKHA.

<https://www.instagram.com/reel/C1KwYwNsShy/?igsh=MzRIODBiNWFIZA%3D%3D>

Wahid BENKHADDA wins the Best Oral Communication Award at the ISMESH 2024 International Symposium



We are proud to announce that Mr. Wahid BENKHADDA, a fourth-year doctoral student, won the prestigious award for best oral presentation at the ISMESH 2024 International Symposium. This distinction was awarded to him for his outstanding presentation during the event, which was held on May 7 and 8 at the Ecole Supérieure de Technologie in Fez.

Mr. BENKHADDA's participation in this symposium was part of his thesis project in the field of materials and environmental chemistry, in which he raises the issue of olive margins; a widespread problem at the regional, national level but also throughout the Mediterranean basin region.

We extend our sincere congratulations to Mr. Wahid BENKHADDA for this well-deserved recognition, which underlines the commitment of UEMF and its community to academic excellence and innovative research.

<https://ueuromed.org/actualites/cedoc/wahid-benkhadde-remporte-le-prix-de-la-meilleure-communication-orale-au-symposium>

THE Impact Ranking: 1st at the regional level in the SDG 15: Life on Land category

Rank	Name	Life on land	Overall
201–300	Abdelmalek Essaâdi University Morocco	55.2–64.6	58.8–64.4
301–400	Ibn Tofaïl University Morocco	45.8–55.1	69.9–75.7
401–600	Mohammed V University of Rabat Morocco	29.3–45.7	64.5–69.8
601+	Euromed University of Fez Morocco	2.0–29.1	64.5–69.8

Strengthening collaborations for sustainable agriculture



Euromed University of Fez hosted an American delegation as part of the LeadAR program, a University of Arkansas project focused on training leaders in agriculture and sustainable economics. The visit, led by industry professionals and researchers, was welcomed by Prof. Salim Bounou, Vice President for Research and Partnerships, and provided an opportunity to explore synergies for sustainable agricultural development in Morocco.

Through this meeting, the UEMF reaffirms its commitment to innovative solutions for a greener and more responsible future.

https://www.linkedin.com/posts/universit-euro-m-diterran-enne-de-f-s_sustainability-uemf-myuemf-activity-7248975557097402368-r0lb?utm_source=share&utm_medium=member_desktop

UEMF celebrates International Mountain Day differently



On March 1, 2024, the Euromed University of Fez organized an international conference entitled "Restoring mountain ecosystems: the case of the Fez-Meknes region," in collaboration with several partners, including the Institute of Legal and Political Sciences (ISJP) and the African Network for Sustainable Development (RA2D). The event, organized in conjunction with International Mountain Day, addressed the challenges of restoring mountain ecosystems, in line with the initiative of the United Nations Decade on Ecosystem Restoration (2021-2030).

Over two days, the conference brought together experts, researchers, and field stakeholders to discuss ecological issues and sustainable development in the mountains through panels focused on the social, economic, and political challenges of this theme. The second day took place in the municipality of Tazouta, with practical activities such as hiking, awareness-raising workshops, and local product exhibitions. This edition highlighted the importance of preserving mountain ecosystems while involving local populations and strengthening the solidarity economy.

<https://ueuromed.org/actualites/congres-et-colloques/luemf-celebre-la-journee-internationale-de-la-montagne-autrement>

2025: Euromed University of Fez intensifies its commitment to the SDGs

Hands for nature



We organized an outing to the Ain Chkef forest with the aim of contributing to its preservation by cleaning it up. This initiative aimed to raise awareness among participants about the importance of environmental protection and to strengthen the spirit of collaboration.

https://www.instagram.com/p/DCgvOvkMzcC/?img_index=3

Italian Design Day: Reading nature and protecting its culture



As part of its Conference Series, the Euromed University of Fez is sharing its activities promoting "Made in Italy" in partnership with the Italian Embassy in Morocco, by welcoming the Italian writer, botanist and landscaper Umberto Pasti this Wednesday, April 23, 2025. A renowned international figure, he is committed to the preservation of biodiversity, the enhancement of landscapes and the transmission of knowledge.

This meeting is part of the 9th edition of the "Italian Design Days" (IDD), organized around the theme "Reading nature and protecting its culture, for a design that repairs inequalities." A theme that resonates with that of the 2025 edition of the International Triennale of Milan, which highlights innovative approaches to design that serve the preservation of heritage – tangible and intangible – with a view to sustainability and inclusion.

Italian Design Day is an unmissable event celebrating Italian excellence in all its creative expressions. For several years, it has highlighted the synergies between innovation, craftsmanship, sustainability, and transmission, in close collaboration with Moroccan institutions and local communities. Through this exchange, Pasti demonstrated the profound connections between nature, culture, and design, and their role in building a more equitable future.

Taking place at the Euromed University of Fez, a proven partner, this initiative demonstrates the importance given to intercultural dialogue and academic cooperation in the service of a fairer and more sustainable society.

<https://ueuromed.org/actualites/cycle-de-conferences/journee-du-design-italien-lire-la-nature-et-protoger-sa-culture>

THE Impact Ranking 2025: 1st at regional level and 3rd nationally in the category SDG 15: Life on Land

Rank ▲	Name	Life on land	Overall
201–300	Abdelmalek Essaâdi University Morocco	55.1–64.4	60.9–65.5
201–300	Ibn Tofaïl University Morocco	55.1–64.4	70.3–76.1
401–600	Euromed University of Fez Morocco	35.6–48.4	65.6–70.2
401–600	Mohammed V University of Rabat Morocco	35.6–48.4	60.9–65.5
601–800	Université Hassan II de Casablanca Morocco	15.5–35.5	60.9–65.5

Happiness grows where green spaces thrive.



<https://www.instagram.com/p/DN8hnTPCPtZ/>

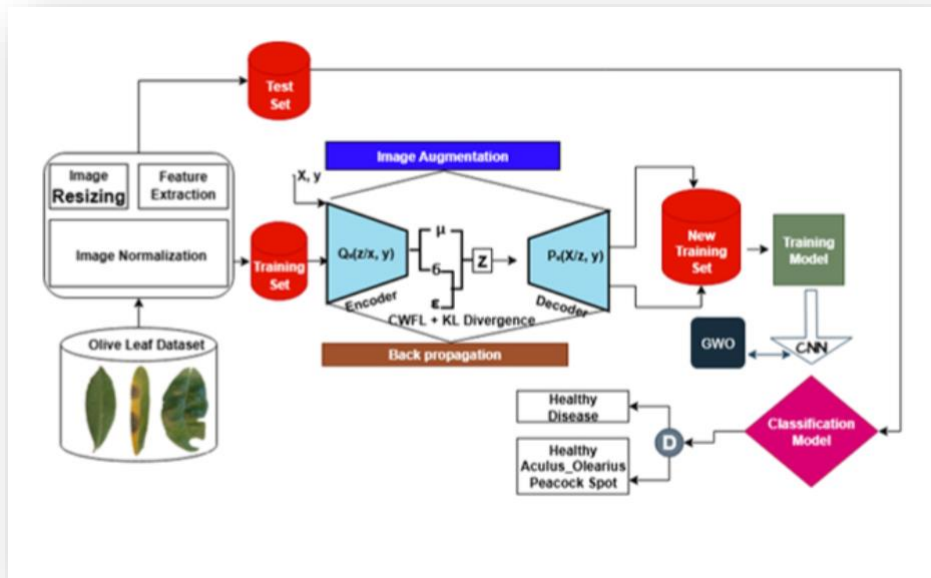
Cleaning action, Integration week



The 2025 Integration Week at UEMF combined academic, athletic, and community activities. A highlight: our new students mobilized for a cleanup in the Ain Chkef forest, affirming their civic and environmental commitment upon their arrival.

https://www.linkedin.com/posts/universit-euro-m-diterran-enne-de-f-s_myuemf-semaineintegration-engagement-activity-7375844822248607744-ydWC?utm_source=share&utm_medium=member_desktop&rcm=ACoAADTGRfcBC1u9wYbkACypuAdXhOuzPcQwP94

Doctoral thesis defense in “Artificial Intelligence” by Mr. Kaloma Usman MAJIKUMNA



Thesis defense – Kaloma Usman MAJIKUMNA

Title: Managing plant survival and disease risks under water stress using artificial intelligence: the case of olive trees in Morocco

This thesis studies the impact of water stress and diseases on olive trees in Morocco, by combining artificial intelligence, remote sensing and field experiments. An innovative deep learning model has been able to detect diseases with 99.2% of predecision, while tests of irrigation have identified the varieties and most resilient indicators. The results provide concrete recommendations for sustainable and climate-adapted agriculture.

<https://ueuromed.org/actualites/cedoc/doctoral-thesis-defense-artificial-intelligence-mr-kaloma-usman-majikumna>