



Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification and reverse degradation.

Ambassador of SDG 15:

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At UTM, the commitment to sustainability is reflected in our comprehensive program which aligns with the United Nations Sustainable Development Goal 15: Life on Land. The university offers a diverse range of courses specifically designed to address the challenges and opportunities associated with terrestrial ecosystems and biodiversity conservation. Students engage in in-depth studies on different topics. A total of 55 courses concerning SDG15 are provided at ISSBAT and FST

<http://www.parcours-lmd.salima.tn/>

Activities and Events on 2022

In order to protect terrestrial ecosystems, fight against desertification, restore soil and raise students' awareness of biodiversity, UTM-ISSBAT organized different events in 2022

- the Sustainable Living Alternatives Club organized every saturday activities in the forest-garden of ISSBAT
- visit to the EL Baraka nursery in Bir Drassen
- visit to a spirulina farm



Prizes on 2022

- UTM-ISSBAT student, Siwar Ben Kraiem, supported by ENACTUS UTM-ISI has won the second place at the ENACTUS World Cup in San Juan, Puerto Rico with EPACT project which promote innovative formulas for animals' food based on vegetable local species valorization



- During COP 27th, Pr Atef JAOUANI and his team, UTM-ISSBAT received the PRIMA WEFE NEXUS 2022 prize in recognition of their successful implementation of innovations in combined management practices for water, energy, food and ecosystem resources



Scientist publications on 2022

22 scientific articles were published in the field of **biodiversity and terrestrial conservation**

- Under the supervision of M.S. Achouri, Professor at UTM-FST, a study on Antibiotics effects on terrestrial Crustacea was conduct.
- PhD student Mohamed Mendili UTM-FST and co-authors v on Anti-Inflammatory Potential of Compounds Isolated from Tunisian medicinal Lichens Species.
- PhD Mohamed Khalil Meliane UTM-FST with co-authors conducted studies in several national parks and published on Mammalia species biodiversity and activities.

2022	
Publications	22
Views	
Citation	

- PhD student Imen Ben Osman UTM-FST with co-authors worked on the bryophyte community biodiversity in North Africa.
- Meriam Tir, UTM-FST, and co-authors are interested in the healing properties of local plants and trees.
- PhD Aymen Nefla UTM-FST, is interested in the migration of birds and turtles in Northwest Africa.
- Under the direction of Pr Saïd Nouria UTM-FST, studies on the Herpetofauna, Mammalia and Hymenoptera in Tunisia were conducted

<https://www.researchgate.net/publication/359773927> Antibiotics effects on the life history traits of *Porcellionides pruinosus* C rustacea Oniscidea

<https://www.researchgate.net/publication/361783807> Anti-Inflammatory Potential of Compounds Isolated from Tunisian Lichens Species

<https://www.researchgate.net/publication/359891289> Phenolic Content Antioxidant Antibacterial and Anti-Acetylcholinesterase Activities of Biosynthesized and Characterized Silver Nanoparticles from Tunisian Medicinal Lichen Species

<https://www.researchgate.net/publication/359741593> Bioaccumulation of potentially toxic elements in some lichen species from two remote sites of Tunisia

<https://www.researchgate.net/publication/356148852> Screening of antimicrobial potential of methanolic acetone and quencher extracts from *Cladonia rangiformis* Hoffm and *Cladonia pocillum* Ach

<https://www.researchgate.net/publication/365782308> Daily and seasonal activity patterns of the dorcas gazelle scimitar-horned oryx north-African ostrich and canids in an arid habitat

<https://www.researchgate.net/publication/364060182> Finding slender-horned gazelles in the Sahara's Grand Erg Oriental Tunisia

<https://www.researchgate.net/publication/363109691> Sedentarization of the striped hyaena *Hyaena hyaena* in Dghoumes National Park Tunisia

<https://www.researchgate.net/publication/366515962> The first African record of *Isoethecium algarvicum* in Kroumiria Tunisia a relictual element of the Neogene flora

<https://www.researchgate.net/publication/364341255> New bryophytes for Tunisia North Africa Part 2 other families

<https://www.researchgate.net/publication/365642261> The rare threatened liverwort *Pallavicinia lyellii* Hook Carruth in North Africa Kroumiria Tunisia a unique population

<https://www.researchgate.net/publication/364984070> *Eucalyptus camaldulensis* Seeds as a Potential Source of Beneficial Compounds High-Performance Liquid Chromatography - Photodiode Array - Mass Spectrometry HPLC-PDA-MSMS Profiling of Secondary Metabolites

<https://www.researchgate.net/publication/361454869> In vivo evaluation and molecular docking studies of *Schinus molle* L fruit extract protective effect against isoproterenol-induced infarction in rats

<https://www.researchgate.net/publication/361250209> *Millettia ferruginea* extract attenuates cisplatin-induced alterations in kidney functioning DNA damage oxidative stress and renal tissue morphology

<https://www.researchgate.net/publication/359984525> Phytochemical Profiling of *Ephedra alata* subsp *alata* Seeds by High-Performance Liquid Chromatography-Electrospray Ionization-Quadrupole-Time-of-Flight-Mass Spectrometry HPLC-ESI-QTOF-MS Molecular Doc

<https://www.researchgate.net/publication/366355990> Timing of migration dates and detection of first wintering sites for the Turtle Dove in Northwest Africa

<https://www.researchgate.net/publication/364587860> Nouvelle liste taxinomique de l'herpetofaune de Tunisie New taxonomic checklist of the herpetofauna in Tunisia Bulletin de la Societe Herpetologique de France 180 5-26

<https://www.researchgate.net/publication/365341041> First records of albinism and leucism in *Ctenodactylus gundi* Rodentia Ctenodactylidae

<https://www.researchgate.net/publication/366093446> Nouvelle liste taxinomique de l'herpetofaune de Tunisie

<https://www.researchgate.net/publication/360484513> Ants Hymenoptera Formicidae of North African archipelago Kerkennah

<https://www.researchgate.net/publication/360469269> Body Size Food Habits and Burrow Distribution and Orientation in the North African Spiny-tailed lizard *Uromastyx acanthinura* in Tunisia

