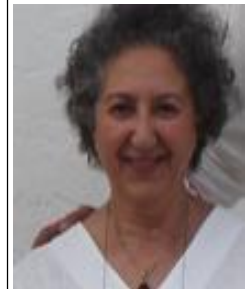




Climate action- Take urgent action to combat climate change and its impacts.

Ambassador of SDG 13:
 Samia Mouelhi is assistant professor in ecology at the University of Tunis El Manar, Higher Institute of Biological Sciences of Tunis and Coordinator of the professional master's degree in Environmental Risk Management. She is a member of the laboratory Diversity, Management & Conservation of Biological Systems, the Faculty of Sciences of Tunis.

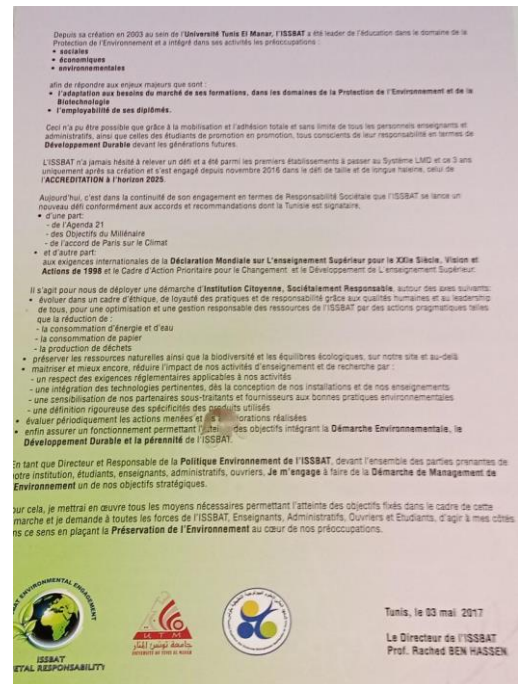


Tunis El Manar University, UTM has defined a strategic line to affirm its commitment to the climate issue. We do it in a clear and determined way throughout our curricular, research and non-curricular activities.

UTM cooperate with different national and international organizations to achieve a better climate change consideration through renewable energies, green technologies and spaces, ecological transport, water management and governance.

To affirm its societal commitment, the management of the Higher Institute of Biological Sciences of Tunis, ISSBAT signed, in 2017 in front of the stakeholders, an environmental charter. It is a question of setting up a responsible management of resources to contribute to the national effort of application of the Paris agreement and the achievement of the SGD.

Source:
<http://www.utm.rnu.tn/utm/documents/Climate-sustainability12012021.pdf>



Med-EcoSuRe Project

The project Med-EcoSuRe (2019-2023) offers an innovative approach to the definition and diffusion of cost-effective energy renovation within university buildings, with the perspective of extending results to the whole public buildings sector in the long term.



Med-EcoSuRe
 Mediterranean University as Catalyst for Eco-Sustainable Renovation

Tunisia, Italy, Spain, Palestine

It's about Environmental protection, climate change, adaptation and mitigation, energy efficiency, renewable energy,



BERSOV

Project

BRESOV - Breeding for resilient, efficient and sustainable organic vegetable production involves 22 partner

institutions from ten European countries as well as China, Tunisia and South Korea. This is an EU_H2020 project shaping the future of organic breeding and farming in relation to climate and climate change.

MedECC Project

Dr Cherif Semia is a full professor at UTM - ISSBAT. She is part of the editorial board of the Independent Network of Mediterranean Experts on Climate and Environmental Change (MedECC). As Coordinating Leading Author, she produced the first Mediterranean Assessment Report (MAR1), which enabled her to obtain the 2020 Council of Europe North-South Prize in December 2021.

Pr Cherif Semia also presented an online conference entitled "The Road to a more Sustainable and Climate Resilient Mediterranean." within this framework of the Med Dialogue +2030 organized by the European Institute of the Mediterranean/Club of Rome/La Caixa foundation.

Conférence Min: 28 : <https://www.youtube.com/watch?v=7jjYSIzv54E>



Action plant one tree for the climat

students planting fruit trees

Using ancient irrigation technique, terracotta jars



Climate and environmental change in the Mediterranean: grasping the scope of the challenge

The Regreening Tunisia project

To raise awareness and build resilience to climate change, the Regreening Tunisia project was create in 2013 by UTM - ISSBAT in collaboration with Eco-Conscience association and the Tunisian Permaculture Association. The project is included in the course of the professional master's degree in Environmental Engineering. The partners are working together to mitigate climate change by proposing an alternative model of sustainable agricultural based on the scarcity of land and water. On bare soils, they create water-efficient edible oasis-forests in educational establishments. Regreening Tunisia was one of the nominees for the 2018 UNESCO-Japan Prize on Education for Sustainable Development. In 2021, the project runs a series of conferences to keep students, parents, teachers and the community involved and

organizes days of planting fruit trees and medicinal plants with terracotta jars at Pierre de Coubertin Sports high school, Hakim Kassar middle school and ISSBAT.

Carbone Emissions Reporting

In order to integrate climate change measures into UTM – ISSBAT a first carbon emission reporting was carried out in 2021 in collaboration with the International Center for Environmental Technologies of Tunis (CITET) and the National Agency for Energy Management (ANME). 2 students defended their

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AGENCE NATIONALE POUR LA MAÎTRISE DE L'ÉNERGIE
ANME

INSTITUT SUPÉRIEUR DES SCIENCES BIOLOGIQUES APPLIQUÉES DE TUNIS

RAPPORT DE PROJET DE FIN D'ÉTUDES
En vue de l'obtention de la
LICENCE APPLIQUÉE EN PROTECTION DE L'ENVIRONNEMENT
Parcours traitement et valorisation des rejets

Contribution à l'ODD n°13, lutte contre le changement climatique : estimation préliminaire des émissions carbone de l'ISSBAT (transport et consommation énergétique) pour l'année 2020-2021

Présenté par : **Ibrahim GAHGOUH**

Soutenu le 2012/2021 devant le jury composé de :
Présidente : Dr. Samia MOUËLHI
Examinatrice : Dr. Lamia BOUZRI
Encadrant : Ahmed CHADLIACHI

Année universitaire 2020/2021

REPUBLIQUE TUNISIENNE
MINISTÈRE DE L'ENSEIGNEMENT SUPÉRIEUR ET DE LA RECHERCHE SCIENTIFIQUE
UNIVERSITÉ DE TUNIS EL MANAR

Rapport de Projet de fin d'Études
En vue de l'obtention de la :
LICENCE APPLIQUÉE EN : PROTECTION D'ENVIRONNEMENT
Parcours : Traitement et Valorisation des Rejets

Contribution à l'ODD n°13, lutte contre le changement climatique : estimation des émissions carbone de l'ISSBAT (bâtiments, mobilier, matériel informatique) pour l'année universitaire 2020-2021.

Présenté par : **CHERIF Oussema**

Soutenu le 14/07/2021 devant le jury :
Présidente : Dr. Samia MOUËLHI
Examinatrice : Dr. Lamia BOUZRI
Encadrante : Ing. Général Naziba HASSINE

Année universitaire 2020/2021

THÈSE DE DOCTORAT

Présentée Pour Obtenir le Grade de DOCTEUR En Géologie
Laboratoire des Ressources Minérales et Environnement (LRME)

Etude morphodynamique du système littoral face aux changements climatiques et à l'élévation du niveau de la mer (Golfe de Tunis, mer méditerranée)
"Morphodynamic study of the coastal system towards the climate changes and sea level rise (Gulf of Tunis, Mediterranean Sea)"

Soutenu publiquement le 03/07/2021
Par : Abderraouf HZAMI

Devant le jury composé de

Mr. Mohamed Ghanmi	Professeur, FST	Président
Mr. Kamel Regaya	Professeur, FSB	Rapporteur
Mr. Mouldi Ibrahim	Maitre de conférences, INSTM	Rapporteur
Mme. Amina Mabrouk	Maitre de conférences, FST	Examinatrice
Mr. Saadi Abdeljaouad	Professeur, FST	Directeur de thèse
Mr. Essam Heggy	Professeur, USC/NASA	Invité

bachelor's thesis.

- Smallholder farmers' strategies to mitigate the effect of climate change

