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Call for papers	January	06,	2025
Paper Submission Deadline	March	15,	2025
Acceptance Notification	March	30,	2025
Holding of the Seminar	May	28-29	, 2025

Participation Fees : 2000DA, payable on the day of the event, includes: Coffee breaks, Lunches, and Seminar proceedings.

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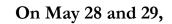
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## **APPEL A COMMUNICATION**

#### 2<sup>nd</sup> **National Seminar on Eco-Materials** and **Eco-Structures Design**

# 2<sup>nd</sup> NSEM&ESD'25







The seminar website https://form.univ-usto.dz/2nd-nsemesd25

### Presentation

The growing focus on sustainable development has presented significant challenges for the construction industry over the years, particularly concerning the consumption of natural resources and energy. This situation highlights the need for a more strategic approach to minimize environmental impacts. Concepts such as ecology, clean and healthy environments, sustainable construction, eco-construction, efficient materials, and renewable energy are not yet fully embraced in Algeria, even though they are widely accepted in many developed and emerging countries. Eco-materials, recognized for their environmental benefits, can be used in construction, housing, furniture, and interior design. These materials stem from eco-design principles, created with environmental responsibility in mind and made from recyclable materials. Their goal is to assess and reduce their environmental impact throughout their entire lifecycle. Ecomaterials are crucial to ecological construction practices, including the use of the High Environmental Quality (HEQ) label as a standard for construction projects.

The **2nd National Seminar on Eco-Materials and Eco-Structure Design** builds upon the first seminar held in 2021. This event aims to bring together academics and industry professionals to exchange knowledge and stay updated on the latest scientific and technological advancements in this field.

Energy efficiency involves using less energy to achieve the same results. This practice includes optimizing energy use across various sectors such as buildings, transportation, and industry, to reduce waste and consumption. Enhancing energy efficiency not only reduces energy costs but also significantly lowers environmental impacts, including greenhouse gas emissions. By adopting energy-efficient technologies, promoting sustainable practices, and raising awareness, we can contribute to a more sustainable future, improve energy security, and combat climate change.

The purpose of this scientific event is to provide an opportunity for academic and industrial professionals to share their knowledge and stay informed about the latest scientific and technological advancements in the fields of ecomaterials and the environment. The objectives are to: Promote the results of applied research in the field of materials and the environment;

Encourage scientific exchanges and the rapprochement of university research and that of the centers under the « La Direction Générale de la Recherche Scientifique et du Développement Technologique » DGRSDT « The General Direction of Scientific Research and Technological Development » GDSRTD and contribute to the integration of the Algerian university in its socio-economic environment

To promote the exchange of experience, knowledge and information on the progress of research in the field of materials and sustainable development

Establish partnership frameworks and consolidate collaboration in the field of research and development, by encouraging joint projects initiated by the various participants and institutions.

Topics

**Topic 1 :** Assessment of Eco-Materials in Construction & Technological Innovations in Eco-Design

Topic 2: Circular Economy in the Construction Sector

**Topic 3:** Life Cycle Assessment of Eco-Materials

**Topic 4:** Advanced design and calculation of structures

**Topic 5:** Strategies for Integrating Energy Efficiency in Buildings

#### **Participation form**

# 2<sup>nd</sup> National Seminar on Eco-Materials and Eco-Structures Design

# 2<sup>nd</sup> NSEM&ESD'25

on May 28 and 29, 2025

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Communi	cation title:	·	

## Instructions for authors

Participants are invited to submit their articles (maximum 08 pages) for oral presentation. The articles should be submitted in MsWord format in a single column, including figures, tables, and references that conform to the 2<sup>nd</sup> NSEM&ESD'25 template. The manuscript must be sent to the following email addresses: <u>https://form.univ-usto.dz/2nd-nsemesd25</u> For any questions or requests for additional information, please contact us at the following email addresss:

nsemesd25@univ-usto.dz

https://www.univ-usto.dz/

## News: Possibility of publication