



الجمهورية الجزائرية الديمقراطية الشعبية  
People's Democratic Republic of Algeria  
وزارة التعليم العالي والبحث العلمي  
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كلية الهندسة المعمارية والهندسة المدنية  
Faculty of Architecture and Civil Engineering  
قسم الهندسة المدنية  
Department of Civil Engineering



## National Conference On Rehabilitation of Buildings & Public Works Infrastructure

# REHABUILT'26



Oran, June 13 & 14, 2026



rehabuilt26@univ-usto.dz

AR: [www.univ-usto.dz/ar/rehabuilt26/](http://www.univ-usto.dz/ar/rehabuilt26/)  
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Amphitheater and Conference Hall, Faculty of Architecture and Civil Engineering, USTO-MB



## Conference Overview

Existing buildings, historical heritage, and public works infrastructures are increasingly facing critical challenges related to vulnerability and deterioration. In response, this seminar aims to promote innovative and operational solutions that combine heritage preservation with advanced rehabilitation technologies.

The papers will contribute to advancing modern inspection and diagnostic methods, assessing the causes of pathologies, analyzing the compatibility and durability of repair materials, and optimizing both structural and seismic retrofitting. Another major focus of this event will be dedicated to energy rehabilitation.

Beyond buildings, these challenges also concern the resilience of transport infrastructures, including inspection and monitoring strategies for dams, bridges, tunnels, slope instability, and rockfall. By merging traditional engineering with digital advancements like AI and reverse engineering, this scientific event seeks to foster multidisciplinary collaboration and advance sustainable rehabilitation strategies.

It provides a platform where scientists, researchers, policymakers, and industry leaders gather to exchange knowledge, share cutting-edge research, and collaborate on sustainable practices in civil engineering. The two-day event includes activities such as Plenary Keynote Lectures, Thematic Sessions, Poster Sessions, Networking Opportunities, and Tours.

Given your contributions in this field, we are confident that your participation will greatly enhance the depth and quality of our discussions. We would be honored if you could present your recent research and share your insights with the academic community.

The Conference will bring together researchers, scientists, engineers, and professionals from around the country to celebrate excellence in rehabilitation and promote recent innovations in science and engineering.

### دياجة الملتقى

تواجه المباني العتيقة والتراث التاريخي والبنى التحتية للأشغال العمومية بشكل متزايد تحديات حرجية مرتبطة بالهشاشة والتدهور. واستجابة لهذه الإشكاليات، يهدف هذا الملتقى إلى تعزيز حلول مبتكرة وعملية تجمع بين الحفاظ على التراث وتكنولوجيا إعادة التأهيل المتقدمة. سيشهد الأبحاث المقدمة في تطوير أساليب التفتيش والتشخيص الحديثة، وتقييم أسباب الاختلالات وكذلك مائة وتوافق مواد الترميم، إضافة إلى تحسين عمليات التدعيم الهيكلي والزلازلي، مع التركيز على إعادة التأهيل الطاقوي.

ولا تقتصر هذه التحديات على المباني فقط، بل تمتد لتشمل مرونة البنى التحتية للنقل، بما في ذلك استراتيجيات التفتيش والمراقبة للسدود والجسور والأنفاق وعدم استقرار المنحدرات وتساقط الصخور. ومن خلال دمج الهندسة التقليدية مع التطورات الرقمية مثل الذكاء الاصطناعي والهندسة العكسية يسعى هذا الحدث إلى تعزيز التعاون متعدد التخصصات وتطوير استراتيجيات مستدامة لإعادة التأهيل. يوفر هذا الحدث منصة تجمع العلماء والباحثين وأصحاب القرار لتبادل المعرفة ومشاركة أحدث الأبحاث والتعاون في تطوير ممارسات مستدامة في الهندسة المدنية. ويتضمن برنامجاً يمتد ليومين يشمل محاضرات رئيسية، جلسات موضوعية، عروض ملصقات، فرص تواصل، وجولات علمية نظراً لمساهماتكم في هذا المجال. نحن على ثقة بأن مشاركتكم ستثري مناقشاتنا. وسعدنا بتقديمكم عرضاً عن أبحاثكم الحديثة ومشاركة رؤاكم مع الوسط الجامعي.

سيجمع المؤتمر باحثين وعلماء ومهندسين ومهنيين من مختلف أنحاء البلاد للاحتفاء بالتميز في مجال تأهيل المباني والترويج لأحدث الابتكارات في العلوم والهندسة

## Submission

REHABUILT'26 invites researchers and practitioners to submit papers proposing robust solutions to the challenges outlined in our thematic tracks. We particularly welcome original research focusing on materials, structures, and innovative technologies aimed at addressing the inherent challenges of building and infrastructure rehabilitation.

يدعو الملتقى الباحثين والمختصين إلى تقديم أوراق علمية تتضمن حلولاً علمية وعملية للتحديات المطروحة ضمن محاوره، مع تشجيع خاص للأبحاث المبتكرة التي تتناول المواد والأنظمة الإنشائية والتقنيات الحديثة الموجهة لمعالجة قضايا إعادة تأهيل المنشآت والبنى التحتية

## Guidelines

Full paper should be between 4 and 8 pages in length. Papers must be original contributions and may be written in either Arabic, French or English. Including: the title of the paper, the relevant thematic topic, the names, affiliations, and contact details of the authors. They must be formatted using a standard font with standard margins.

Submissions must be made exclusively in Microsoft Word format through the seminar's online platform

## Deadlines

Submission of a full paper before May 06, 2026

Notification of Acceptance before May 13, 2026

## Key Sessions and Topics

### Axis 1: Architectural & Built Heritage

Restoration, conservation, authentic materials & original techniques.

### Axis 2: Structure & technical regulations

Advanced diagnostics, seismic analysis & retrofitting, & updating the technical standards & regulations for the rehabilitation.

### Axis 3: Materials & Energy Rehabilitation

Degradation mechanisms, pathology, durability, innovative materials, repair techniques & energy rehabilitation of buildings.

### Axis 4: Public Works Infrastructure & Monitoring

Resilience & rehabilitation of transport infrastructures (road, maritime, and railway), including inspection & monitoring strategies for dams, bridges, tunnels, slope instability and rockfall.

### Axis 5: Non-Destructive Testing, Artificial Intelligence, & Reverse Engineering

Advanced diagnostics & the application of digital engineering tools in rehabilitation.

## Registration fees

- Phd Student : 2000 DA
- Teacher / Researcher : 5000 DA
- Professional : 10000 DA

REHABUILT'26



Designed by SNA



# Conference Presidency

Honorary chair:  
**Prof. Emeritus  
HAMOU Ahmed**

Rector of the University of Science and Technology of  
Oran – Mohamed Boudiaf

**Prof. KHALDI Abdelkrim**

Dean of the Faculty of Architecture and Civil Engineering



## Conference Chair



**Dr. MAMMAR Lahouari**

Department of Civil Engineering

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