

Journal of Materials and Engineering Structures

ISSN - Online : 2170-127X

Mouloud Mammeri University of Tizi-Ouzou

جامعة مولود معمري تizi-ouzou

جامعة مولود معمري تيزى-عزو



*Volume 6, Issue 3
September, 2019*

**RESEARCH REVIEW of
Sciences and Technologies**



RESEARCH REVIEW OF SCIENCES AND TECHNOLOGIES

EDITEUR

Université Mouloud MAMMERI de Tizi-Ouzou

BP 17 RP 15000, Tizi-Ouzou

Tél : 026 21 89 95 - 026 21 53 14 - 026 41 07 78

Fax : 026 21 29 68

Courriel : univ_tizi@ummto.dz

Site internet : <http://www.ummto.dz>

Responsables de la rédaction

Pr. Farid ASMA, Responsable des revues en ligne, Research Review of Sciences and Technologies, Editeur en Chef, UMMTO, Algérie

Pr. Hocine HAMMOUM, Editeur en Chef , UMMTO, Algérie

Assistants éditoriaux / Editorial Assistants

Melle. Djamilia MANSOUR, Assistante informatique, conception et réalisation

Mr. Said CHEKLAT, Assistant informatique, réseau et design

Email: rrst@ummto.dz

<http://revue.ummto.dz>

**RESEARCH REVIEW of
Sciences and Technologies**

JOURNAL OF MATERIALS AND ENGINEERING

STRUCTURES « JMES »

COMITÉ EDITORIAL/EDITORIAL BOARD

Editeurs en Chef/Editors in Chief

- Pr. Farid ASMA, Université Mouloud Mammeri de Tizi-Ouzou, Algeria
- Pr. Hocine HAMMOUM, Université Mouloud Mammeri de Tizi-Ouzou, Algeria

Comité Scientifique /Scientific Committee

- Pr. Laurent BLERON, Ecole Nationale Supérieure d'Arts et Métiers, France
- Pr. Hélène DUMONTET, Université Pierre et Marie Curie de Paris 6, France
- Pr. Fekri MEFTAH, Université de Cergy-Pontoise, France
- Dr. Marc OUDJENE, Université de Lorraine, France
- Pr. Khemais SAANOUNI, Université de Technologie de Troyes, France
- Pr. Redouane ZITOUNE, Université de Toulouse, France
- Dr. Mohamed SONEBI, Queen's University, Belfast, Northern Ireland, UK
- Pr. Khalil El-Hami, University of Hassan 1, Faculty of Khouribga, Morocco
- Pr. Hakim S. Abdelgader, Department of Civil Engineering, Tripoli University, Tripoli, Libya
- Pr. Kamal Mohammedi, M. Bougara University, Boumerdès MESOnexusteam/LEMI, Algeria
- Dr. Muhammad Mubaraki, Jazan University, Saudi Arabia
- Pr. Jamal KhatibFaculty of Science and Engineering, University of Wolverhampton, United Kingdom
- Dr. Ahmed Benamar, Université du Havre LOMC UMR 6294 CNRS, France
- Pr. Abdenour Alliche, Université Paris 6, France
- Pr. Ouali Amiri, Université de Nantes, France
- Dr. Taghreed Khaleefa Mohammed Ali, Koyauniversity, Iraq
- Prof. Dr. A.S.M. Abdul Awal, Universiti Tun Hussein Onn Malaysia (UTHM), Malaysia
- Dr. Mena Souliman, University of Texas at Tyler, United States
- Prof. Prasanta Sahoo, Jadavpur University Department of Mechanical Engineering Kolkata 700032, India
- Dr. Hossam El-Din Sallam, Jazan University, Saudi Arabia
- Dr. Tarek MERZOUKI, Université de Versailles Saint Quentin en Yvelines Laboratoire Ingénierie des Systèmes de Versailles, France
- Dr. HDR Badis HADDAG, Laboratoire LEM3 – UMR CNRS 7239 Institut Mines-Telecom, InSIC 27 voie de l'Innovation, 88100 St-Dié – France

Assistants éditoriaux / Editorial Assistants

- Melle. Djamil MANSOUR
- Mr. Said CHEKLAT

Email: jmes@ummto.dz

Site : <http://revue.ummto.dz/index.php/JMES>

Journal of Materials and Engineering Structures

Vol. 6, No. 3, September (2019)

Table of Contents

Preloading of harbor's quay walls to improve marine subsoil capacity <i>Houssam KHELALFA</i>	305
The contribution of GIS in the quantification of the evolution of Skikda's coastline between 1960 and 2002 and the impact of developments <i>Nedjoua CEMALI, Mohamed Tahar BENAZZOUZ, Sihem RAMOUL</i>	323
Deriving a specific response spectrum from the site of the Algiers Grand Mosque (Algeria) <i>Tounisia BOUDINA, Ahcene SERIDI, Dalila BENAMARA</i>	337
Comparison between DRF for displacement and acceleration spectra with uncertain damping for EC8 <i>Baizid BENAHMED, Abbas MOUSTAFA, Mohamed BADAOUI</i>	345
Strengthening of Self-Consolidating High Strength RC Dapped Ends with CFRP Fabrics <i>Qasim Muhammed SHAKIR, Baneen B. ABD</i>	359
Structure of the out- flows behind buildings and Influence of the geometry of the streets on the out-flows <i>Medjahed BENDIDA, Amel DJELLOULI, Djouhar HAMIDAT, Mohamed BOUZIT</i>	375
Durability of Portland Cements Composed of Industrial Waste Fillers in an Acidic Environment <i>Ibrahim MESSAOUDENE, Mohammed EZZIANE, Laurent MOLEZ</i>	383
Use of crushed clay brick waste as dune sand granular corrector in mortar manufacturing <i>Abderrahmane GHRIEB, Yacine ABADOU</i>	397
Experimental study of repair of aircraft structures by adhesive patches based on epoxy and fiberglass <i>Djamel BASAID, Abdelbaki BENMOUNAH, Chouaib ARIBI, Abdelghani MAY</i>	409
Study of Mortars Made with Natural and Artificial Pozzolans <i>Imene LAOUIFI, Laïd LAOUIFI, Yassine SENHADJI, Amar BENAZZOUK</i>	427
Effect of a crack emanating from notch on a composite pipe subjected to buckling <i>Halima CHENINE, Djamel OUINAS, Zine-Eddine BENNACEUR, Jaime VIÑA OLAY</i>	443
Workability, compressive strength and initial surface absorption of laterized concrete <i>Samuel Olufemi FOLAGBADE, Opeyemi Ayodeji OSADOLA</i>	455

ISSN 2170-127X



This work is licensed under a [Creative Commons Attribution-ShareAlike 4.0 International License](#).
Based on a work at <http://revue.ummto.dz>.