

University of Sciences and Technology
Houari Boumediène, Algiers
Civil Engineering Faculty
Laboratory Environment, Water,
Geomechanics and Structures



Organize
**The 1st International Conference on
 Vulnerability and Rehabilitation of
 Structures**

VUREST 2018

Algiers, May 07 and 08, 2018

PRÉSENTATION AND OBJECTIVES

The LEEGO Laboratory of the Faculty of Civil Engineering USTHB is pleased to invite you to participate in the 1st International Conference on Vulnerability and Rehabilitation of Structures which will be held on 7th and 8th of May 2018 in Algiers.

The aim of this important conference is to take stock of the current state of research in this field, to provide opportunities for local, foreign researchers and professionals to confront, exchange and enrich their knowledge in Different themes proposed, thus leading to the development of vulnerability studies, as well as methods and materials for the rehabilitation of structures.

THÈMES

THEME 01

Vulnerability and rehabilitation of masonry buildings

Many existing masonry buildings in the old urban centers in Algeria are built of stone masonry (URM masonry buildings) and represent cultural heritage. These buildings were built to resist gravity loads only and generally have poor resistance to lateral seismic loads.

Risk reduction necessarily involves seismic vulnerability assessment and is, therefore, the first necessary step in developing seismic strengthening of existing buildings. This concern lead to the development of vulnerability assessment methods, the main objective is to be able to assess the bearing capacity of this type of structures to withstand the demand in terms of seismic actions.

THEME 02

Vulnerability and rehabilitation of reinforced concrete buildings.

In order to avoid serious damages to the existing structures, the authorities of the country should be aware of the generated risk and in order to have the necessary elements that let them to know and estimate the potential losses in advance, with an acceptable error, and to take the necessary counter measures in order to invest into

seismic upgrade, strengthening and retrofitting of those existing structures.

Different vulnerability studies, methodologies and materials have been carried out on reinforced concrete structures, and it would be wise to learn and enrich them

THEME 03

Vulnerability and rehabilitation of bridges structures

Like other countries, Algeria has a quit significant heritage of bridges, especially those whose operating period dating back to several years. Hence, protecting bridges and maintaining their functionality is vital not only for the evacuation and rapid delivery of relief in the event of a natural disaster, but also because of their socio-economic and strategic role. In other words, functionality of these structures neither should be interrupted by moderate earthquakes, nor should be partially collapsed. As a result, seismic vulnerability assessment of bridges is an ongoing and major concern for public authorities.

ORGANIZING COMMITTEE

HONORARY PRESIDENT

HADDADI Smail

Dean of Civil Engineering Faculty

PRESIDENT

AHMED-CHAOUCH Ali (USTHB)

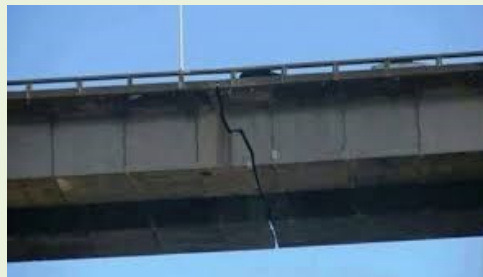
MEMBERS

AISSIOU F.Z. (USTHB)	AIT TALEB S. (USTHB)
AOUDJANE K. (USTHB)	BAYASLI R. (GITRA)
BENLDJOUZI (USTHB)	BOUGUEROUA A. (USTHB)
BOUHEDJA S. (USTHB)	BOURZAM A. (USTHB)
CHERFA H. (USTHB)	CHETIBI B. (MTP)
CHIKHAOUI M. (USTHB)	DJOUADI K.(USTHB)
DEBIECHE (USTHB)	FERGANI S. (USTHB)
KENDEL A. (USTHB)	SOUDANI K. (USTHB)
TALAH A. (USTHB)	ZORKANE O. (USTHB)

SCIENTIFIC COMMITTEE

PRESIDENT: NECHNECH Ammar (USTHB)

ABDESSEMED M.	U. BLIDA
ABED.M.	U. BLIDA
ABOU-BEKR N.	U TLEMCEN
AHMED-CHAOUCH A.	USTHB
AKCHICHE M.	USTHB
AOUDJANE K.	USTHB
ATTARI N.	EPAU, ALGERIA
BAHAR R.	USTHB
BALI A.	ENPA ALGERIA
BELARBI R.	LA ROCHELLE, FRANCE
BOUMECHRA N.	U TLEMCEN
BOURAHLA N.	U BLIDA
BOURZAM A.	USTHB
CAMPOS E MATOS	GEG, PORTUGAL
DAN G.	UTCB ROUMANIA
DEL LAGO A.B.	MILANO, ITALIA
DJAKAB S.	USTHB
EL KECHEBOUR B.	USTHB
KENAI S.	U. BLIDA
KIBBOUA A.	CGS, ALGERIA
MEBARKI A.	MARNE LA VALLEE, FRANCE
METICHE S.	USTHB
NAILI M.	SUDBURY, CANADA
OUSALEM H.	TAKENAKA Corporation, JAPAN
PEPENAR L.	ICECON ROUMANIA
REMKI M.	CGS, ALGERIA
SAÏDANI M.	COVENTRY, UK
SITAYEB S.	COSIDER, ALGERIA
SIYOUCEF Y.	EPAU, ALGERIA
TALAH A.	USTHB
TAPAN M.	YUZUNCU YIL, TURKEY
TOUATI M.	USTHB
ZERZOUR A.	USTHB



IMPORTANT DATES

- Abstract submission deadline : **January 02, 2018**
- Notification of acceptance : **January 15, 2018**

- Full paper submission deadline : **February 15, 2018**
- Notification of acceptance: **March 15, 2018**

PARTICIPATION FEES

The participation fees covers admission to the event, participation in all sessions, lunch, refreshments during breaks and the conference documentation package.

Participants with communication: **10 000 DA**

Participants without communication:

- Academics :
 - Phd Student: **10 000 DA**
 - Teacher: **15 000 DA**
- Others: **25 000 DA**

Additional charges for hotel accommodations (Room and restaurant):

- Academics and others: **35000 DA**

CONTACT

VUREST' 2018 Secretariat
Civil Engineering Faculty, USTHB, Alger
B.P. 32, El Alia 16111 Bab Ezzouar
Tél (+213) (0) 21 24 72 24
Fax (+213) (0) 21 24 79 14
E-mail vurest2018@usthb.dz
secretariat@vurest2018.net

web site <http://www.usthb.dz>
<http://www.vurest2018.net>

