

# Liste des productions scientifiques

(publication, communication,....)

Année 2018.

LABORATOIRE: GENIE CIVIL ET D'HYDRAULIQUE LGCH

## **SPECIALITE: GENIE CIVIL ET HYDRAULIQUE**

### *Publications Internationales*

<i>Titre</i>	<i>Auteurs</i>	<i>Revue</i>	<i>Année</i>	<i>Volume</i>	<i>Page</i>	<i>URL</i>
Interfacial Indentation Test for the Study of Reinforcement bar/concrete matrix Adhesion in High Performance Self Compacting Concretes	S. Grairia, Y. Chrait, A. Montagne, D. Chicot, A. Iost	Journal(of(Materials(andEnvironmental(Sciences( ISSN:(2028;2508( CODEN:(JMESCN	2018	Volume 9	189-190	<a href="https://doi.org/10.26872/jmes.2018.9.1.22">https://doi.org/10.26872/jmes.2018.9.1.22</a>
Repairing reinforced concrete slabs by composite materials	M. Gherdaoui, M. Guenfoud	Journal(of(Materials(andEnvironmental(Sciences( ISSN:(2028;2508( CODEN:(JMESCN	2018	Volume 9	701-708	<a href="https://doi.org/10.26872/jmes.2018.9.2.77">https://doi.org/10.26872/jmes.2018.9.2.77</a>
Influence of the size and frequency of contact transducers on the determination of concrete permeability by ultrasonic velocity and attenuation	A. Mehamdia A.H. Benouis	Journal(of(Materials(andEnvironmental(Sciences( ISSN:(2028;2508( CODEN:(JMESCN(	2018	Volume 9	730-740	<a href="http://www.jmaterenvironsci.com">http://www.jmaterenvironsci.com</a>
Investigation of the Evolving Relationship Between the Properties of Ordinary Concrete and High Performance Concrete at High Temperatures	A. Aidoud, A/H. Benouis	Journal(of(Materials(andEnvironmental(Sciences( ISSN:(2028;2508( CODEN:(JMESCN	2018	Volume 9	1335-1342	<a href="https://doi.org/10.26872/jmes.2018.9.4.146">https://doi.org/10.26872/jmes.2018.9.4.146</a> ! <a href="http://www.jmaterenvironsci.com">http://www.jmaterenvironsci.com</a>
Effect of high temperature on strength and mass loss of admixed concretes	Maanser Abdelkrim Benouis Abdelhalim Ferhoun Nouredine	Construction and Building Materials 166 (2018)	2018	Volume 166	916-921	<a href="https://www.sciencedirect.com/science/article/pii/S0950061818302058">https://www.sciencedirect.com/science/article/pii/S0950061818302058</a>
Coupled Finite Element Modeling of Geosynthetic	Rabah Derghoum· Mohamed Meksouine	Arabian Journal for Science and Engineering	2018	Volume 13	2191-4281	<a href="https://link.springer.com/article/10.1007/s13369-018-3461-2">https://link.springer.com/article/10.1007/s13369-018-3461-2</a>

Reinforced Embankment Slope on Soft Soils Considering Small and Large Displacement Analyses						
Punching behavior of strengthened and repaired RC slabs with CFRP	M. Gherdaoui, M. Guenfoud, R. Madi	Construction and Building Materials	2018	Volume 170	272-278	www.elsevier.com/locate/conbuil dmat
Hydro geochemical and environmental isotopes study of the northeastern Algerian thermal waters	Yassine Gueroui · Ammar Maoui · Hassen Touati · Mohamed Guettaf · Aissam Bousbia	Environmental Earth Sciences	2018	Volume 77	1866-6280	<a href="https://doi.org/10.1007/s12665-018-7938-9">https://doi.org/10.1007/s12665-018-7938-9</a>
Reliability of geotechnical structures: case of bearing capacity failure of strip footing	Nasser Sekfali Lazhar Belabed	Arabian Journal of Geosciences	2018	Volume 11	1866-7538	<a href="https://doi.org/10.1007/s12517-018-3649-5">https://doi.org/10.1007/s12517-018-3649-5</a>
Study of hydro chemical and bacteriological characteristics in Bouhamdane watershed waters, NE Algeria	<u>Ahmed Samer Touati</u> , <u>Yassine Gueroui</u> & <u>Ammar Maoui</u>	International Journal of River Basin Management	2018	Volume 44	157-170	<a href="https://doi.org/10.1080/15715124.2018.1461107">https://doi.org/10.1080/15715124.2018.1461107</a>
Experimental Study of Double-Panel Confined Masonry Walls under Lateral Loading	Choayb Belghiat, Ali Messabhia, Jean-Patrick Plassiard, Mohamed Guenfoud, Olivier Plé, Pascal Perrotin	Journal of Building Engineering	2018	Volume 20	531-543	<a href="https://doi.org/10.1016/j.jobbe.2018.09.001">https://doi.org/10.1016/j.jobbe.2018.09.001</a>
Hydro geochemical and environmental isotopes study of the northeastern Algerian thermal waters	Gueroui, Y., Maoui, A., Touati, H	Environ Earth Sci	2018	Volume 77	1866-6299	<a href="https://doi.org/10.1007/s12665-018-7938-9">https://doi.org/10.1007/s12665-018-7938-9</a>
A consistent triangular thin flat shell finite element with drilling rotation based on the strain approach	Hamza Guenfoud and Mohamed Himeur	Int. J. Structural Engineering,	2018	Volume 9	191-223	DOI: 10.1504/IJSTRUCTE.2018.093673

Numerical modeling of soil foundation interaction by a new non-leaner macro element	Khebizi Mourad Guenfoud Hamza Guenfoud Mohamed	Geomechanics and Engineering	2018	Volume 14	377-386	<a href="https://www.researchgate.net/publication/324482202">https://www.researchgate.net/publication/324482202</a>
Comparative Study on the influence of the Variation of Initial Stress on Stability	Brahim Lafifi Mohamed Salah Nouaouria	Recent Advances in Geo-Environmental Engineering Geomechanics and Geotechnics and Geohazards	2018		359-361	<a href="https://link.springer.com/chapter/10.1007/978-3-030-01665-4_83">https://link.springer.com/chapter/10.1007/978-3-030-01665-4_83</a>
STATISTICAL ANALYSIS OF 3-POINT BENDING PROPERTIES OF POLYMER CONCRETES MADE FROM MARBLE POWDER WASTE, SAND GRAINS, AND POLYESTER RESIN	N. Benzannache, A. Bezazi, H. Bouchelaghem, M. Boumaaza, S. Amziane and F. Scarpa	Russi Mechanics of Composite Materials, an Original	2018	Volume 53	781-790	DOI 10.1007/s11029-018-9703-2
Feasibility of sand filters to wastewater treatment in rural areas in Algeria: experimental study	Mazouz Kherouf; Fathe Bouteldja; Ammar Maoui; Pierre Breul	International Journal of Environnement and Waste Management	2018	Volume 23	40-53	DOI: 10.1504/IJEW2019.096545
<b><i>Publications nationales</i></b>						
			2018			

## *Communications Internationales*

Jointing and glulam of North African's Aleppo pin : III. Delamination test of glued joint	Nafa Zahreddine Bouras Faouzi Cheraït Yacine	AGBIOL Conference Edirne, Turkey	2018			<a href="https://conferencealerts.com/show-event?id=198480">https://conferencealerts.com/show-event?id=198480</a>
Recherche de la Position Optimale des Voiles	MADI Rafik GUENFOUD Mohamed	MATEC Web of Conferences 149	2018			<a href="https://doi.org/10.1051/matecconf/201814902010">https://doi.org/10.1051/matecconf/201814902010</a>
Estimation of the concrete durability by ultrasonic pulse velocity	Boujedra Fatiha Benouis Abdelhalim	the 6th International Conference on Welding NDT and Materials Industry ICWND TMI'18 7-8 Novembre Skikda, Algeria	2018			<a href="https://icwndt18.crti.dz/">https://icwndt18.crti.dz/</a>
Estimation de la durabilité des bétons par les vitesses ultrasoniques	Boujedra Fatiha Benouis Abdelhalim	. Séminaire international de Génie Civil « SIGC 2018 » 27 - 28 Novembre 2018 Oran, Algérie	2018			<a href="http://www.enp-oran.dz/">http://www.enp-oran.dz/</a>
ANALYSE NUMÉRIQUE DU PHÉNOMÈNE D'ÉCAILLAGE DES POUTRES EN BÉTON ARMÉ EXPOSÉES AU FEU HC..	DIMIA, M. S., GUERGAH, C., & GUENFOUD	3eme conférence internationale francophone NoMaD 7 et 8 novembre 2018	2018			<a href="https://scholar.google.com/citations?user=hbtD2s0AAAAJ&amp;hl=en#d=gs_md_cita-d&amp;u=%2Fcitations%3Fview_op%3Dview_citation%26hl%3Den%26user%3DhbtD2s0AAAAJ%26citation">https://scholar.google.com/citations?user=hbtD2s0AAAAJ&amp;hl=en#d=gs_md_cita-d&amp;u=%2Fcitations%3Fview_op%3Dview_citation%26hl%3Den%26user%3DhbtD2s0AAAAJ%26citation</a>
Four nodes with Drilling Rotation triangular shell Finite Element Based on the Strain Approach	Hamza Guenfoud Mohamed Himeur Hassina Ziou and Mohamed Guenfoud	36ème Rencontres Universitaires de Génie Civil ( RUGC2018), 20-22Juin 2018, Saint Etienne France	2018			<a href="https://rugc2018.sciencconf.org">https://rugc2018.sciencconf.org</a>
Effet du climat sur la résistance des enrobés recyclés	Bourdjiba Abdelhak Guenfoud Hamza	36ème Rencontres Universitaires de Génie	2018			<a href="https://rugc2018.sciencconf.org">https://rugc2018.sciencconf.org</a>

		Civil ( RUGC2018), 20-22Juin 2018, Saint Etienne France				
Effet du mode constructif sur le comportement au séisme de portiques béton armé avec panneau de maçonnerie	J-P.Plassiard, C.Belghiat , I. Layadi, O.Plé.Perrotin, A.Messabhia, M. Guenfoud	36ème Rencontres Universitaires de Génie Civil ( RUGC2018), 20-22Juin 2018, Saint Etienne France	2018			<a href="https://rugc2018.sciencconf.org">https://rugc2018.sciencconf.org</a>
Resistance Laterale De Portiques Beton Arme Avec Remplissage : Effet Du Mode Constructif	Belghia Choayb, Guenfoud Mohamed, Layadi Ismail & Messabhia Ali	Journées nationales maçonnerie, 22-23 Mars 2108 Marne-la-Vallée, France	2018			<a href="http://jnm.ifsstar.fr/">http://jnm.ifsstar.fr/</a>
Renforcement et réparation des dalles en béton armé soumis au poinçonnement.	Gherdaoui Moufida Guenfoud Mohamed	3ème Conférence internationale francophone 7 et 8 novembre 2018	2018			<a href="http://www.nomad2018.be">www.nomad2018.be</a>
Réparation des dalles en béton armé par matériaux composite	Gherdaoui Moufida, Madi Rafik, Guenfoud Mohamed	International Symposium on Materials Chemistry, 19-21 March 2018 in Central library of the University of Boumerdes, Algeria.	2018			<a href="https://isymc2018.wixsite.com/umbb">https://isymc2018.wixsite.com/umbb</a>
Recherche de la Position Optimale des Voiles	MADI Rafik GUENFOUD Mohamed	MATEC Web of Conferences 149	2018			<a href="https://doi.org/10.1051/matecconf/201814902010">https://doi.org/10.1051/matecconf/201814902010</a>

Flood production by the use of ARC GIS , HEC GEO Ras case of the city of El-Kseur W Bejaia	Abdelkebir Brahim	International Water Forum conference 19-20 March 2018 Hammamet Tunisia	2018			<a href="https://iah.org/events/iwfc-2018-6th-international-water-forum">https://iah.org/events/iwfc-2018-6th-international-water-forum</a>
<b><i>Communications nationales</i></b>						
Elaboration d'un nouveau ciment hydraulique	Nigri Ghania Cherait Yacine Nigri Soraya	Etude des matériaux : Elaboration et modélisation	2018			<a href="http://www.univ-guelma.dz">http://www.univ-guelma.dz</a>
Estimation of the concrete durability by ultrasonic pulse velocity	Boujedra Fatiha Benouis Abdelhalim Boudaoud Zineddine	1 <sup>er</sup> Journée Nationale en Energies Renouvelables et Matériaux Avancés - JNERMA- Oum el Bouaghi, Algerie	2018			<a href="http://www.univ-oeb.dz">http://www.univ-oeb.dz</a>
Effet des adjuvants chimiques sur la perméabilité à l'air et à l'eau des bétons	Maanser Abdelkrim Benouis Abdelhalim Gherdaoui Moufida	1 <sup>er</sup> Journée Nationale en Energies Renouvelables et Matériaux Avancés - JNERMA- Oum el Bouaghi, Algerie	2018			<a href="http://www.univ-oeb.d">http://www.univ-oeb.d</a>
Estimation de la durabilité des bétons par les vitesses ultrasoniques	Boujedra Fatiha Benouis Abdelhalim	Séminaire international de Génie Civil « SIGC 2018 27 - 28 Novembre 2018» Oran, Algérie	2018			<a href="http://www.enp-oran.dz/seminaire-international/">http://www.enp-oran.dz/seminaire-international/</a>
The impact of using thermal insulation and solar energy on the reduction of energy consumption case of housing in Constantine Algeria	Bensehla Soufiane	ISTSID 24-25-26/02/2019 Alger	2018			<a href="https://www.crti.dz">https://www.crti.dz</a>
Modélisation et gestion du risque d'inondation en milieu urbain cas de la ville Taoura	Kadri Ismahen	1er Séminaire Magrèbin sur l'Eau et Environnement dans les zones Arides SMEEZA Eau et Santé	2018			<a href="https://www.univ-ouargla.dz">https://www.univ-ouargla.dz</a>

