

Liste des productions scientifiques (publications, communications, ...)

Année 2024

Etablissement Universitaire: Université 8 Mai 1945 de Guelma

Faculté: Sciences et Technologies

Laboratoire: Génie Civile et Hydraulique "LGCH"

	<i>Productions Scientifiques 2024</i>						
	<i>Publications</i>						
	<i>Titre</i>	<i>Auteurs</i>	<i>Revue</i>	<i>Année</i>	<i>Volume</i>	<i>Page</i>	<i>URL</i>
<i>Publications Internationales</i>	<i>Assessing Delayed Collapse Risks in Load-Bearing Reinforced Concrete Walls Exposed to Parametric Fires: A Numerical Investigation</i>	<i>Guergah Cherif Baghdadi Mohamed Dimia Mohamed Salah A M de Oliveira Siqueira J César Costa Campos</i>	<i>The Journal of Engineering and Exact Sciences</i>	<i>2024</i>	<i>Vol. 10 No. 8</i>		<i>DOI: https://doi.org/10.18540/jcecvl10iss8p19442</i>
	<i>Performance analysis of biochar and W. Robusta palm waste reinforced green mortar using response surface methodology and machine learning methods</i>	<i>M Boumaaza H Boudermine A Belaadi</i>	<i>Construction and Building Materials</i>	<i>2024</i>	<i>Volume 438</i>		<i>https://doi.org/10.1016/j.conbuildmat.2024.137214</i>
	<i>Weibull Statistic and Artificial Neural Network Analysis of the Mechanical Performances of Fibers from the Flower Agave Plant for Eco-Friendly Green Composites</i>	<i>Lalaymia A Belaadi M Boumaaza</i>	<i>Journal of Natural Fibers</i>	<i>2024</i>	<i>Vol 21</i>		<i>https://doi.org/10.1080/15440478.2024.2305228</i>

Publications Internationales	Prediction of purified water quality in industrial hydrocarbon wastewater treatment using an artificial neural network and response surface methodology	W Tahar NEH Mellal A Belaadi M Boumaaza	Journal of Water Process Engineering	2024	Vol 58	104757	https://doi.org/10.1016/j.jwpe.2023.104757
	Effects of alkaline treatment of Washingtonia mesh waste on the mechanical and physical properties of bio-mortar: experimental and prediction models	A Khelifi D Tarek A Belaadi M Boumaaza	Biomass Conversion Springer	2024	Vol 14	10621-10650	https://doi.org/10.1007/s13399-023-04221-w
	Mechanical properties and statistical analysis of Syagrus Romanzoffiana palm cellulose fibers	O Ferfari A Belaadi M Boumaaza	Journal of Composite Materials	2024	Vol 58		https://doi.org/10.1177/00219983241231833
	Water Uptake of HDPE Reinforced with Washingtonia Fibre Biocomposites: Mathematical Modelling using Artificial Neural Network, Response Surface Methodology	A Lekrine A Belaadi M Boumaaza	Advances in Materials	2024	vol 10	1627-1650	https://doi.org/10.1080/2374068X

Publications Internationales	Effects of incorporating cellulose fibers from Yucca treculeana L. on the thermal characteristics of green composites based on high-density poly-ethylene: An	D Ghernaout A Belaadi M Boumaaza BX Chai	Journal of Materials	2024	Vol 31	787-798	https://doi.org/10.1016/j.jmrt.2024.06.089
	ANN and RSM Prediction of Water Uptake of Recycled HDPE Biocomposite Reinforced with Treated Palm Waste W. filifera	N Ladaci A Saadia A Belaadi M Boumaaza	Journal of Natural	2024	vol 21		https://doi.org/10.1080/15440478.2024.2356697
	Assessment and prediction of water quality indices by machine learning-genetic algorithm and response surface methodology	S Fertikh H Boutaghane M Boumaaza	Modeling Earth Systems	2024	Vol 10	5573-5604	https://link.springer.com/article/10.1007/s40808-024-02079-z
	Statistical analysis using the RSM approach of the physical behavior of green polymerized eco-mortar	T Zerig N Meftah A Aidoud M Belachia	Journal of Cleaner	2024	Vol 450		https://doi.org/10.1016/j.jclepro.2024.141858
	Numerical modeling of the behavior of a surface foundation located in the proximity of a slope	B Messaouda B Salima K Nacera A Assia	Soils and Rocks	2024			https://doi.org/10.28927/SR.2024.008722

Publications Internationales	Modification of the Geotechnical Properties of Loess Using Eggshell Waste (El'Mghair Region)	Assia Aidoud Hizia Bekhouche Ouassila Bahloul Fatima Zohra Tebbi	International Journal of Design & Nature and Ecodynamics	2024	Vol. 19 No. 2	pp. 489-496	http://iieta.org/journals/ijdne
	Reuse of Hollow Concrete Blocks Waste in the Formulation of an Eco-Mortar Reinforced with Natural Fibers for Use in Filling Materials.	Kechkar Chiraz Hebhoub Houria Hamid Alsayadi Abdelouahed Assia Benhalilou Mohammed Ichem	Journal of Composite & Advanced Materials / Revue des Composites et des Matériaux Avancés	2024	v. 34 n. 3	p. 295	doi. 10.18280/rcma.340304
	SOME PROPERTIES OF A CEMENTITIOUS MORTAR CONTAINING GRANULATED RUBBER WASTE AND BRICK FILLERS: AN EXPERIMENTAL STUDY, MATHEMATICAL MODELING AND OPTIMIZATION	Brahim LAFIFI Salima BOUKOUR Mohamed Larbi BENMALEK	Slovak Journal of Civil Engineering	2024	Vol. 32 No. 2	27 - 37	DOI: 10.2478/sjce-2024-0011
	AN EXPERIMENTAL STUDY OF THE FRICTIONAL BEHAVIOR AT THE INTERFACE SOIL-STRUCTURE WITH REGARDS TO WALL FRICTION EFFECT AND CLOGGING RELATED TO SURFACE ROUGHNESS FORM	Djamel Eddine DJAAFRI Mohamed Salah NOUAOURIA	Civil and Environmental Engineering	2024	Vol. 20	255- 273	DOI: 10.2478/cee-2024-0020

Publications Internationales	Optimizing Soil Characterization with Automated Pressuremeter Software Integration for the Pencil Pressuremeter in In-situ Testing.	Messaoud, F. Cosentino, P. J. Nouaouria, M. S.	Geotechnical Engineering Journal of the SEAGS & AGSSEA	2024	Vol 55	18-25	DOI: 10.14456/seagj.2024.11
	Local Materials in Geopolymer Mortar: A Case Study on Metakaolin and Blast-Furnace Slag.	Bouteldja, Fathe Amziane, Sofiane Belachia, Mouloud Semache, Souheila	Annales de Chimie Science des Matériaux	2024	Vol 48	p27	10.18280/acsm.480104
	Numerical modeling of the behavior of concrete exposed to chloride ions by coupling age and mechanical stresses	Roubila Bendjaiche Hocine Boudjehem Zahreddine Nafa Fathe Bouteldja	The Journal of Engineering and Exact Science	2024	Vol. 10		DOI: https://doi.org/10.18540/jcecvl10iss3p18577
	Prediction and optimization of the bearing capacity of strip footing resting on soft soil improved with stone columns using RSM, ANN, and multi-objective GA	Brahim Lafifi Adam Hamrouni Tarek Khoualdia Abderrahim Gheris Ammar Rouaiguia	Springer	2024	Volume 9		https://doi.org/10.1007/s41062-024-01452-2
	Some Properties of a Cementitious Mortar Containing Granulated Rubber Waste and Brick Fillers: An Experimental Study, Mathematical Modeling and Optimization	Brahim Lafifi Salima Boukour Mohamed Larbi Benmalek	Slovak Journal of Civil Engineering	2024	Vol 32	27 - 37	DOI: https://doi.org/10.2478/sjce-2024-0011

Publications Internationales	Groundwater quality and hydrochemical characteristics in the upper Seybouse sub-basin, Northeast Algeria	Hassen Touati Yassine Gueroui Sofiane Boudalia Aissam Bousbia Mahdid Benaissa Ammar Maoui	Environmental Science and Pollution	2024	Vol 31	6628-26645	https://link.springer.com/article/10.1007/s11356-024-32716-0
	Multi-Station Hydrological Modelling to Assess Groundwater Recharge of a Vast Semi-Arid Basin Considering the Problem of Lack of Data: A Case Study in Seybouse Basin, Algeria	Ammar Maoui Yann Lucas Cagri Alperen Inan Joëlle Duplay	journal water	2024	vol 16		https://doi.org/10.3390/w16010160
	Contribution to the Study of the Age and Growth of <i>Sander lucioperca</i> (Percidae, Linnaeus, 1758) in the Hammam Debagh Dam Northeast Algeria.	Asmaa, Ouarts Mohamed, Guettaf Mounira, Rachedi Yassine, Gueroui Benaissa, Mahdid Ammar, Maoui	Egyptian Journal of Aquatic Biology & Fisheries	2024	vol 28	p1049	10.21608/ejabf.2024.371482
	Buckling analysis of thin-walled laminated composite or functionally graded sandwich I-beams using a refined beam theory	Ilies Guendouz Mourad Khebizi Khaled Boumezbeur Mohamed Guenfoud Hamza Guenfoud	Mechanics Based Design of Structures and Machines	2024			https://doi.org/10.1080/15397734.2024.2363497

Publications Internationales	Innovative mixed finite element method for bending analysis of functionally graded beams: modelling, validation, and applications	Salah Bouziane Hamoudi Bouzerd Haroune Benmalek	Engineering Research Express	2024	Vol 6		DOI 10.1088/2631-8695/ad1f16
	Improved tensile analysis for functionally graded plates using an innovative mixed finite element method	Salah Bouziane Hamoudi Bouzerd Haroune Benmalek Sid Ahmed Remmani Hisham Suleiman	Springer Nature	2024	Vol 25	3701-3710	https://doi.org/10.1007/s42107-024-01005-z
	Mechanical properties of a mortar with aluminum fibers waste of drink cans	Gherdaoui Moufida Maanser Abdelkrim Mehamdia Ali Boudjedra Fatiha Djebabla Wafa	Studies in Engineering and Exact Sciences, Curitiba,	2024	Vol. 5 No. 2		https://doi.org/10.54021/seesv5n2-321
	Numerical modeling of the behavior of concrete exposed to chloride ions by coupling age and mechanical stresses	Roubila Bendjaiche Hocine Boudjehm Zahreddine Nafa Fathe Bouteldja	The Journal of Engineering and Exact Sciences	2024	Vol. 10 No. 3		jcec.journal@ufv.br

Publications Internationales	Improvement of the mechanical properties of the cement mortar by the incorporation of silica particles with low and high surface area	Isma Salah Salah Zahreddine Nafa Hocine Oucief Hamid Satha Salem Chaguetmi Abdel-Ghani Boudjahem	Results in Engineering	2024	Vol 23, 102552		https://doi.org/10.1016/j.rineng.2024.102552
	Reuse of Hollow Concrete Blocks Waste in the Formulation of an Eco-Mortar Reinforced with Natural Fibers for Use in Filling Materials	Mohammed Ichem Benhalilou Assia Abdelouahed Houria Hebhoub Chiraz Kechkar Alsayadi Hamid	Revue des Composites et des Matériaux Avancés-Journal of Composite and Advanced Materials	2024	Vol. 34	295-303	https://doi.org/10.18280/rcma.340304
	Optimizing properties of clayey soil using lime and waste marble powder: a sustainable approach for engineering applications.	Boukhatem Ghania Bencheikh Messaouda Benzerara Mohammed Anas S. M Sabri Mohanad Muayad	Frontiers Material	2024			DOI 10.3389/fmats.2024.1392875
	Prediction and optimization of the bearing capacity of strip footing resting on soft soil improved with stone columns using RSM, ANN, and multi-objective GA.	Lafifi Brahim Hamrouni Adam Khoualdia Tarek Gheris Abderahim Rouaiguia Ammar	Innovative Infrastructure. Solutions	2024			https://doi.org/10.1007/s41062-024-01452-2

Publications Internationales	Mechanically Stabilized Earth Wall Reliability Analysis Using Response Surface Methodology, ANN, ANFIS and Multi-objective Genetic Algorithm	Sekfali Nasser Lafifi Brahim	Periodica Polytechnica Civil Engineering	2024			https://doi.org/10.3311/PPci.22830
	Study of the mechanical properties, durability, and microstructure of an ultra-high-performance fiber reinforced concrete containing recycled fillers.	Lekoui M.T. Kechkar C. Hebhoub H. Messaoudi K. Alsayadi H. Benhalilou M.I.	Materials Science- Poland	2024	Vol 42 Issue 3		
	Reuse of Hollow Concrete Blocks Waste in the Formulation of an Eco-Mortar Reinforced with Natural Fibers for Use in Filling Materials	Benhalilou M.H. Abdelouahed A. Hebhoub H. Kechkar C. Alsayadi H	Journal of Composite and Advanced Materials	2024	Vol. 34 No. 3		
	A comparison between a proposed preconsolidated presheadured fush(P,P,F) testing procedure to measure the drained residual strength	Mohamed Salah Nouaouria Djamel Eddine Djaafri	Arabian Journal of Geosciences	2024	volume 17		https://doi.org/10.1007/s12517-024-12066-4

	<i>Productions Scientifiques 2024</i>						
	<i>Communications</i>						
	<i>Titre</i>	<i>Auteurs</i>	<i>Intitulé de manifestation</i>	<i>Année</i>	<i>Volume</i>	<i>Page</i>	<i>URL</i>
<i>Communications nationales</i>	Valorisation des dechets recycles dans les rembles des murs de soutènement renforces par geogrilles	Lina ziadi	1st national congress on civil engeneering and housing of constantine N2CEHC2024	2024			https://dgcufmc.wixsite.com/n2cehc-2024
	Vlorisation des dechets de papmier washingtonia filifera dans l'amioration des sols argileux	Hamlaoui Asma Lafifi Brahim Hamza Saloua Rouaiguia Ammar	1st national congress on civil engeneering and housing of constantine N2CEHC2024	2024			https://dgcufmc.wixsite.com/n2cehc-2024
	Amélioration des propriétés mécaniques d'un sol argileux par des fibres naturelles traitées chimiquement	Hamlaoui Asma Lafifi Brahim Hamza Saloua Rouaiguia Ammar	SEMINAIRE ARCHITECTURE ET INGENIERIE DES VILLES	2024			maisonuniversitaires@gmail.com
	Optimisation des parametres geomitriques des excavations en utilisant l'intelligence artificielle	Hamza saloua	1st national congress on civil engeneering and housing of constantine N2CEHC2024	2024			https://dgcufmc.wixsite.com/n2cehc-2024

Communications nationales	optimisation des paramètres géométriques influençant la capacité portante non drainée des semelles filantes au-dessus d'une excavation en utilisant la fonction de désirabilité	Hamlaoui Asma Lafifi Brahim Hamza Saloua Rouaiguia Ammar	SEMINAIRE ARCHITECTURE ET INGENIERIE DES VILLES	2024			maisonuniversitaire@gmail.com
	Amélioration des propriétés mécaniques d'un sol argileux par des fibres naturelles traitées chimiquement	Asma Hamlaoui	SEMINAIRE ARCHITECTURE ET INGENIERIE DES VILLES Tlemcen	2024			maisonuniversitaire@gmail.com
	L'effet des matériaux de construction sur la performance énergétique d'un appartement collectif dans la ville de constantine	Grini Abdelwahab Boudjedrea Fatiha Rouag Djamila	SEMINAIRE ARCHITECTURE ET INGENIERIE DES VILLES Telemcen	2024			maisonuniversitaire@gmail.com
	Influence des compositions du béton sur la propagation des ondes ultrasoniques	Boudjedra Fatiha Mehamdia Ali Gherdaoui Moufida Benouis Abdelhalim Djebablah Wafa	SEMINAIRE ARCHITECTURE ET INGENIERIE DES VILLES Telemcen	2024			maisonuniversitaire@gmail.com
	Propriétés Mécaniques Du Béton Renforcés Par Des Fibres De Canettes De Boissons Usagées	Kechkar C. Nigri G. Harrat F. Hebhoub H. Benamara F.Z.	1st National Congress On Civil Engineering and Housing of Constantine N2CEHC 2024	2024			

Communications nationales	Etude Du Comportement D'une Fondation Superficielle Renforce Avec De Polyterephthalate D'ethyl	Benamara F.Z Kechkar C Nigri G Feligha M Zaidi L Zeltni A	1st National Congress On Civil Engineering and Housing of Constantine N2CEHC 2024	2024			
	Influence De La Poudre Des Coquilles D'œufs Non Calcinée Sur Les Propriétés A L'état Frais Des Matériaux Cimentaires	Kechkar C Zeghdi A Nigri G Mesbahi I Zaidi L	1st National Congress On Civil Engineering and Housing of Constantine N2CEHC 2024	2024			
	Study of the mechanical properties of a glass powder-based HPC reinforced with metal fibers	MOHAMED BOUTEBEN Yasmine BOUARICHA Leyla DERABLA Riad:	1st National Conference on Sustainable Management of Waste, Effluents and Emissions (CSMWEE-2024) Nov 18-20, 2024 -ENSET-Skikda	2024			
	Comportement mécanique du BHP à base de verre renforcé par des fibres métalliques	MOHAMED BOUTEBEN Yasmine BOUARICHA Leyla DERABLA Riad	1er Séminaire National sur les Matériaux, Energie et Eaux Applications Environnementales & Développement Durable (MEEAD'2024), 25-26 Sept 2024, Université de Jijel.	2024			

Communications nationales	The effect of incorporating coffee grounds on enhancing the physical and mechanical properties of clay soil	Bencheikh messaouda Benamara Fatima zohra Boukour Salima Aidoud Assia	1er Colloque National sur l'Hydraulique et la Génie Civile-CNHGC-2024- Bouira	2024			
	Valorisation des déchets recycles dans les remblais des murs de soutènement renforcés par géogrilles superficielle renforcé avec de polyterephthalate d'ethyl	Benamara Fatima Zohra Zaidi Lina Zeltni Aya	The First National Congress On Civil Engineering and Housing of Constantine Constantine N2CEHC 2024	2024			
	Strength Behavior of Soil Reinforced Using Randomly Distributed Recycled Waste Fiber as Lightweight Backfill in Geotechnical Structures (Numerical Study)	Benamara Fatima Zohra Zaidi Lina Bencheikh messaouda	National Conference of Applied Sciences and Engineering NCASE'24 Applied Sciences Laboratory (LSA) of the National Higher School of Advanced Technologies (ENSTA)	2024			
	Influence des manteaux recycles sur la stabilisation et les caractéristiques géotechniques des sols argileux	Benamara Fatima Zohra Zaidi Lina Zeltni Aya Feligha Marwa	1st National Congress On Civil Engineering and Housing of Constantine Constantine, N2CEHC 2024 Constantine 1 University	2024			

Communications nationales	Valorisation des déchets recycles dans les remblais des murs de soutènement renforcés par géogrids	Benamara Fatima Zohra Zaidi Lina Zeltni Aya	1st National Congress On Civil Engineering and Housing of Constantine Constantine, N2CEHC 2024 Constantine 1 University	2024			
	Etude du comportement d'une fondation superficielle renforcée avec de polyterephthalate d'ethyl	Benamara Fatima Zohra Kechkar C Feligha Marwa Nigri Ghania Zaidi Lina Zeltni Aya	The First National Congress On Civil Engineering and Housing of Constantine Constantine, N2CEHC 2024	2024			
	Optimisation des paramètres géométriques des excavations en utilisant l'intelligence artificielles	Rouaiguia Ammar Hamlaoui Asma Lafifi Brahim Hamza Saloua	The First National Congress On Civil Engineering and Housing of Constantine (N2CEHC 2024) Constantine	2024			
	Les fibres d'aluminium a base des canettes de boissons utilisées comme renfort pour le mortier	Gherdaoui Moufida Sekkiou S Mehamdia A Maanser A Boudjedra F Djebablah W	SEMINAIRE ARCHITECTURE ET INGENIERIE DES VILLES Telemcen	2024			

Communications internationales	Metakaolin and Ground Granulated Blast Furnace Slag	Boudjehm Hocine Fathe Bouteldja Bendjaiche Roubila Nafa Zahreddine	7th International Conference of Contemporary Affairs in Architecture and Urbanism (ICCAUA-2024) 23-24 May 2024	2024			DOI: https://doi.org/10.38027/ICCAUA2024EN0150
	Numerical modeling of open-ended piles	Nasser Sekfali Brahim Lafifi	MATEC Web of Conferences 394, 01006 (2024)	2024	Volume 394		https://www.matec-conferences.org
	Behavior of a soil-recycled waste backfull for retaining structures	Ziadi lina	1st international conference of materials engineering and renewable energy	2024			https://fstech.univ-guelma.dz/
	2D numerical analysis of a retainning wall backfilled with sand recycled waste mixture	Ziadi lina	4th international symposium on construction management and civil engineering ISCMCE-2024	2024			fac.techno@univ-skikda.dz
	Enhancing the Durability of Pre-Cracked Concrete: The Crucial Role of Metakaolin and Ground Granulated Blast Furnace Slag	Boudjehem Hocine Fathe Bouteldja Bendjaiche Roubila Nafa Zahreddine	Proceedings of the International Conference of Contemporary Affairs in Architecture and Urbanism-ICCAUA 23-24 May 2024	2024	Vol. 7 No. 1 (2024)		https://doi.org/10.38027/ICCAUA2024EN0150

Communications internationales	Enhancing clay soil properties with chemical treated palm leaf powder an experimental and statistical approach	Hamlaoui Asma Lafifi Brahim Hamza Saloua Rouaiguia Ammar	3rd ICM2024 INTERNATIONAL CONFERENCE ON MATERIALS AND MECHANICS	2024			https://icmm.univ-boumerdes.dz
	optimisation of geometric parametres influencing the bearing capacity of a strip footing above twin circular voids using response surface methodology	Hamlaoui Asma Lafifi Brahim Hamza Saloua Rouaiguia Ammar	3rd ICM2024 INTERNATIONAL CONFERENCE ON MATERIALS AND MECHANICS	2024			https://icmm.univ-boumerdes.dz
	Effet des fines silico-calcaire sur la proprietes des betons ordinaires	Mesbahi Aissam	4th international symposium on construction management and civil engeneering ISCMCE2024	2024			fac.techno@univ-skikda.dz
	Incorporation du dechet des pneus uses dans le materiau beton et leurs impact sur leur proprietes pysiques et mecaniques	Fatiha Boudjedra	4th international symposium on construction management and civil engeneering ISCMCE2024	2024			fac.techno@univ-skikda.dz
	Influence des fibres en aluminuim sur les caracteristiques du mortier	Gherdaoui Moufida	4th international symposium on construction management and civil engeneering ISCMCE2024	2024			fac.techno@univ-skikda.dz

Communications internationales	Valorization of cow bone ashes in the manufacture of cement	Tazir Akram Aidoud Assia Boukour Salima Bahloul Ouassila Bencheikh Messaouda	4rd International Symposium on Construction Management and Civil Engineering (ISCMCE-2024) November 04-05, 2024 Skikda	2024			
	Use of the response surface method for the best recovery of polystyrene waste in construction mortars	Aidoud Assia Boukour Salima Bencheikh Messaouda	2ème Conférence Internationale des Energies Renouvelables (CIER-2024), Décembre 17-19, 2024 - Sousse, Tunisie.	2024			
	Influence de l'ajout de la poudre des coquilles d'œufs sur les propriétés de transfert d'un mortier	Nigri G Kechkar C Hebhoub H Benamara F.Z Byckahouad D.O	4th International Symposium on Construction Management and Civil Engineering (ISCMCE-2024) Nov 04-05, 2024 Skikda	2024			
	Caractérisation d'un Liant Hydraulique à Base des Fine de Verre	Nigri G Mesbahi A Zeghdi A Kechkar C Bourommana I Benamara F.Z	4th International Symposium on Construction Management and Civil Engineering (ISCMCE-2024) Nov 04-05, 2024 Skikda	2024			

Communications internationales	Effet de la poudre des coquilles d'œufs non calcinée sur les propriétés mécaniques des matériaux cimentaires (état de l'art)	Nigri G Mesbahi A Zeghdi A Kechkar C Zaidi L	4th International Symposium on Construction Management and Civil Engineering (ISCMCE-2024) Nov 04-05, 2024 Skikda	2024			
	Analyse et modélisation d'un matériau composite unidirectionnel Verre/Polyamide	DERABLA Riad TADJINE Merouane	4th International Symposium on Construction Management and Civil Engineering (ISCMCE-2024) Nov 04-05, 2024 Skikda	2024			
	Contribution à l'étude d'un béton léger à base de sciures de bois	DERABLA Riad NEDJAR Radouane YAHIAOUI Adel MOSBAH Mohamed	2nd International Conference: New Trends on Innovative Construction Materials ENPO-MA Oran (Algeria) 16-18 Dec, 2024	2024			
	Experimental challenges of wood ash admixture influences in califonian bearing ratio of clayey soil	Boukhatem Ghania Bencheikh Messaouda Goudjil Kamel Saifi Asma Mimi Mehdi Rehhab Bekkouche Souhila	4th International Symposium on Construction Management and Civil Engineering (ISCMCE-2024)	2024			

Communications internationales	Recent advances in clayey soil stabilization using lime additive and optimization by response surface methodology (RSM) design.	Dob Hanen Zegueur Chaouki Salah Eddine Boukhatem Ghania Bencheikh Messaouda	4th International Symposium on Construction Management and Civil Engineering (ISCMCE-2024)	2024			
	Enhancing geotechnical properties of expansive clay using calcined ceramic powder: experimental approach and optimization	Benamara F.Z Bencheikh Messaouda Boukhatem Ghania Boukour Salima Aidoud Assia Zaidi Lina	4th International Symposium on Construction Management and Civil Engineering (ISCMCE-2024)	2024			
	Enhancing the soils geotechnical properties by using plastic waste.	Bencheikh messaouda Zaidi Lina Benamara F.Z	4th International Conference on Scientific and Academic Research Konya/Turkey	2024			
	Application of the Box-Behnken design for optimizing geotechnical parameters of Clayey Soil using lime-marble admixtures	Bencheikh messaouda Aidoud Assia Boukour Salima Boukhatem Ghania	3rd International Conference on Scientific and Innovative Studies ICSIS 2024	2024			
	Contribution to the study of the stability of an expansive soil by adding lime	Zegueur Chaouki Dob Hanen Bencheikh Messaouda Belabed Lazhar Salah Eddine	1er Colloque National sur l'Hydraulique et le Génie Civil-CNHGC-2024 Bouira	2024			

Communications internationales	Use of the response surface method for the best recovery of polystyrene waste in construction mortars	Aidoud Assia Boukour Salima Bencheikh Messaouda	12ème Conférence Internationale des Energies Renouvelables (CIER-2024), Décembre 17-19, 2024 Sousse, Tunisie.	2024			
	Use of Recycled Polyethylene Terephthalate Strips in Soil Improvement of the shallow foundations by plastic waste	Zaidi Lina Zeltni Aya Benamara Fatima Zohra	International Conference on Multidisciplinary Sciences and Technological Developments (ICMUSTED 2024) Erdek, Turkey	2024			
	Shear Strength Response of Fibre Reinforced Sand: Numerical Study	Zaidi Lina Bencheikh messaouda Benamara Fatima Zohra	International Seminar on Materials and Engineering Structures (ISMES'2024) Relizane University	2024			
	2D Numrical analysis of retaining wall buckfilled with sand and recycled waste mixture	Benamara Fatima Zohra Bencheikh messaouda Zaidi Lina Zeltni Aya Mesbahi Issam	4th International Symposium on Construction Management and Civil Engineering (ISCMCE-2024)	2024			

<i>Communications internationales</i>	Numerical Study of a Quay Wall Anchored by an Anchor Plate Backfilled with a Mixture of Sand and Recycled Waste	Benamara Fatima Zohra Louettri Latifa Feligha Marwa Zaidi Lina Zeltni Aya Nigri Ghania Kechkar Chiraz	4th International Symposium on Construction Management and Civil Engineering (ISCMCE-2024)	2024			
	Etude du comportement d'un remblai argileux renforcé par des déchets recyclés	Benamara Fatima Zohra Feligha Marwa Zaidi Lina Zeltni Aya	4th International Symposium on Construction Management and Civil Engineering (ISCMCE-2024)	2024			
	Study of the behavior of a clay embankment Reinforced with recycled waste	Benamara Fatima Zohra Feligha Marwa Zaidi Lina Zeltni Aya	International Conference on Multidisciplinary Sciences and Technological Developments (ICMUSTED 2024) Erdek, Turkey	2024			
	Using Plastic Flake and waste Tire Chips as wall Buckfill	Benamara Fatima Zohra Feligha Marwa Nigri Ghania Zaidi Lina Zeltni Aya Kechkar Chiraz	International Conference on Multidisciplinary Sciences and Technological Developments (ICMUSTED 2024)	2024			
	Evaluating Geogrid-Reinforced Maintaining Wall Numerically	Zaidi Lina	5th International Conference on Innovative Academic Studies	2024			