

List of Abstracts Titles

I) Theme: Structures

Serial No.	Title of Paper	Names of Authors	Affiliations	Country
1	Rational Methodology for Analyzing Capping Beam	Mohammed H. Abdel Aziz	Civil Engineering Department, College of Engineering, University of Fayoum, Fayoum	Egypt
2	Behavior of Post and Pre-Heated RC Short Columns wrapped With Ferro cement	Israa Abd Elhady, Mahmoud Elsayed, and Alaa Elsayed	Civil Engineering Department, College of Engineering, University of Fayoum	Egypt
3	A Refined Shear Deformation Beam Theory For Static and Free Vibration Analysis of Functionally Graded Beams	Hamidi Ahmed 1, Zidour Mohamed 2, Sadoun Mohamed 3 and Tounsi Abd elouahed 4	1 Department of Civil Engineering and hydraulics, University of Tahri Mohamed, Béchar, Algeria. 2 Department of Civil Engineering, University of Ibn Khaldoun, Tiaret, Algeria. 3 Department of Civil Engineering, University of Mustapha Stambouli, Mascara, Algeria. 4 Department of Civil Engineering, University of Djilali Liabes, Sidi-Bel-Abbes, Algeria.	Algeria

4	Improving The Efficiency of RC Slabs With Opening Using Ferro cement as a Strengthening Technique	Samah Badawy, Mahmoud Elsayed, and Alaa Elsayed	Civil Engineering Department, College of Engineering, University of Fayoum	Egypt
5	Dimensioning of the Chiffa Tunnel (Algeria) Using Empirical methods	Z. Boutaraa, F. Djellal Serandi and Y. Bouafri	Civil Engineering Department, College of Engineering, University of Hassiba Benbouali	Algeria
6	Finite Element Analysis of Cold-Formed Steel Shear Wall Panels Subjected to Cyclic Loading	H. Meddah, M. Berediaf-Bourahla2, B. El-Djouzi2, N. Bourahla2	National Center of Applied Research on Earthquake Engineering (CGS), Hussein-Dey, Algiers, Algeria.	Algeria
7	Simulation of Spatially Varying ground Motions in the City of Chlef (Formerlyel-Asnam), Algeria	Djilali Berkane H, Harichane Z	Civil Engineering Department, College of Engineering, University of hassiba Benbouali,	Algeria
8	Structural Behavior Comparison between the Bubble deck and Some Traditional slabs	Rouba A. El Dalati and Wissam A. El Sayed	Civil Engineering Department, College of Engineering, Lebanese university, Al Kobba, Tripoli	Lebanon
9	Prediction of Failure Loads/Modes for Flexural Controlled Concrete Beams Using strut and Tie Modeling, a Comparative Study	Mostafa F. Ghashgesh And Ali A. Elmassri	Civil Engineering Department, College of Engineering, University of Tripoli, Tripoli	Libya
10	Numerical Analysis for Fire resistance of Steel Beams With and Without Web Openings	Abdelhak Kada, Belkacem Lamri, Abd elhamid bouchair	Civil Engineering Department, College of Engineering, Hassiba benbouali, University of Chlef,	Algeria

11	Investigation of Localized Fires on the Behavior of Open Car Park Structural Steel Elements	Belkacem Lamri ¹ , Abdelhak Kada ² and Abdelhamid Bouchair ³	^{1,2} laboratory of Structures, Geotechnical and Risks, Faculty of Civil Engineering and Architecture, Hassiba Benbouali, University of Chlef, Bp151, Route De Sendjas, Chlef 02000, Algeria ³ Université Clermont Auvergne, Institut Pascal, Bp 10448, 63000 Clermont Ferrand, France	Algeria
12	Evaluation of the Displacement Coefficient Method for Seismic Demands Assessment of Structures	A. Mechaala ¹ , C. Benazouz ² , H. Zedira ³ , And M. Benbouras ⁴	¹ Department of Civil Engineering, University of Abbés Laghrour, Khenchla, Algeria. ² National Earthquake Engineering Research Center CGS, Rue Kaddour Rahim, BP 252 Hussein-Dey, Algiers, Algeria. ³ Department of Civil Engineering University of Abbés Laghrour, Khenchla, Algeria. ⁴ Department of Civil Engineering University of Abbés Laghrour, Khenchla, Algeria.	Algeria
13	Finite Element Analysis of Cold-Formed Steel Shear Wall Panels Subjected to Cyclic	H. Meddah, M. Berediaf-Bourahla, B. El-Djouzi, N.	National Center of Applied Research on Earthquake Engineering (CGS),	Algeria

	Loading	Bourahla2	Hussein-Dey, Algiers, Algeria.	
14	Seismic Performance of a Strategic Existing Building Using The New Seismic Code RPA 2016 and Nonlinear Dynamic Analysis	Y. Mehani, A. Kibboua, B. Chikh and M. Remki	Department of Earthquake Engineering National Earthquake Engineering Research Center (CGS) Algiers, Algeria	Algeria
15	Numerical Analysis of The Partial Collapse of a Twin-Tubes Tunnel	Ahmed Rouili ¹ , Mabrouk Touahmia ² and Youcef Djerbib ³	¹ department of Civil Engineering, University of Tebessa Route De Constantine, 12002, Tebessa, Algérie. ² College Of Engineering, University of Hail - Hail, Saudi Arabia. ³ department of Civil Engineering, Sheffield Hallam University, Sheffield, United Kingdom.	Saudi Arabia
16	An Efficient a Novel First-Order Shear Deformation Theory for vibration of Functionally Graded Plate	Mohamed Sadoun, Hadj Youzera, Mahmoud Touati, Ahmed Hamidi, Mohammed Sid Ahmed Houari	Civil Engineering Department, College of Engineering, University of Sidi Bel Abbes	Algeria.
17	Study and Analysis of The Interface Stress of a Metal Beam Reinforced by a Composite	Mahmoud ^{1,3} Touati	1 University of Mascara, Department of Civil Engineering, Mascara-Algeria.	Algeria

	Plate.	Mohamed ^{1,2} Sadoun	2 Laboratory of Structures and Advanced Materials in Civil Engineering and Public Works, University of Sidi Bel Abbes, Faculty of Technology, Department of Civil Engineering, Algeria. 3 Material and Hydrology Laboratory, University of Sidi Bel Abbes, Faculty of Technology, Civil Engineering Department, Algeria.	
18	إزاحات عارضة متغيرة العمق خطيا فوق أساس مرن تحت قوة مركزة طرفيا	أ. د. مصطفى محمد الطويل	أستاذ شرف الهندسة المدنية، كلية الهندسة – جامعة طرابلس، ليبيا	Libya
19	تأثير الاجهادات على أداء الرصف المرن	جمال عبدالله بيت المال ، امل رمضان و فتحيه المفتي	قسم الهندسة المدنيه , جامعه بنغازي	Libya

II) Theme: Repair and Rehabilitation

Serial No.	Title of Paper	Names of Authors	Affiliations	Country
1	Bearing Resistance of CFRP Wrapped Concrete	Jasim Ali Abdullah, Salem Yusuf Awad and Oday Asal Salih	Civil Engineering Department, College of Engineering, University of Mosul	Iraq
2	Rehabilitation Using Visual and Oral Assessments of Damage	Ali Hassan Mohamed Azouwin 1, Mohamed A A Yahya 2, and Abrahem A. Ali Blash 3	1, 2 Department of Civil Engineering Faculty of Technical Sciences – Sebha Sebhs – Libya. 3 Department of Civil Engineering College of Technical Engineering – Hun Hun – Libya.	Libya
3	Structural Condition Assessment	A.B. Bolkhir, T. K. Yousif and S. M. Ibrahim	Civil Engineering Department, College of Engineering, Benghazi University	Libya
4	استخدام الخرسانة ذاتية الدمك في علاج التصدعات الخرسانية برصيف ميناء الحديد والصلب بمدينة مصراتة الليبية	إبراهيم محمد أبو سنيينة ¹ ، سناء عبد الستار الباجقني ²	1- جامعة مصراتة 2- شركة البنيان للاستشارات الهندسية	Libya

III) Theme: Concrete Technology

Serial No.	Title of Paper	Names of Authors	Affiliations	Country
1	Effect of Steel Fiber on Mechanical Properties of Normal Strength Concrete	Ashraf H. Abdalkader, Omer R.Elzaroug and Farhat I. Abubaker	Civil Engineering Department, College of Engineering, University of Omar Al Mukhtar, Al Bayda	Libya
2	Strength and durability of self-compacting concrete made with new reduced carbon cement and waste marble powder	Boukhelkhal Aboubakeur, Benabed Benchaa, Belaïdi Akram Salah Eddine, Azzouz Lakhdar	Department of civil engineering, University of Laghouat, Laghouat, BP37G Ghardaia road, Algeria.	Algeria
3	Resistance of Pozzolanic Mortar Tosulphate Attack	Abdelsalam M. Akasha and Jamal M.Abdullah	Civil Engineering Department, College of Engineering, Sebha University	Libya
4	Effect of Locust Bean Pod Epicarp ash (LBPEA) on The Compressive Strength of Revibrated Concrete	Samuel M. Auta ¹ and Kabir Adebayo ²	^{1, 2} Department of Civil Engineering, Federal University of Technology, P. M. B. 65, Minna. Niger State, Nigeria	Nigeria
5	Effect of Coarse Aggregates Properties on Concrete Strength: Experimental Study on Local Materials Instructions in Libya	Muhsin A. Bin Hassounah ¹ , Vail Karakale ²	¹ Dept. of Civil Engineering, Faculty of Engineering, University of Benghazi, Benghazi ,Al Orouba Street ,Libya. ² Dept. of Civil Engineering, University of Marmara, Istanbul, Turkey.	Libya

6	Engineered Cementitious Composites Overlays With High-Volume Natural Pozzolan	Said Choucha, Mohamed Ghrici and Mohamed Said Mansour	Geomaterials Laboratory, Civil Engineering Department, University of Chlef, Algeria	Algeria
7	Review the Impact of Using Silica fume on the Reduction of Emissions	Nuri M. Elbasha and Fatma M. Elmouzghi	Civil Engineering Department, College of Engineering, Subrata University	Libya
8	Effect of Limestone Filler and Natural Pozzolan on Fresh and Hardened Properties of Self-Consolidating Repair Mortars	Mohamed Ghrici, Amar Benyahia and Mohamed Said Mansour	Geomaterials Laboratory, Civil Engineering Department, University of Chlef, Algeria	Algeria
9	Mechanical Properties of Concrete Made up From Recycled Coarse Aggregates	Khan A. R, Fareed S. and Ayub T.	Department of Civil Engineering, NED University of Engineering and Technology, Karachi, Pakistan	Pakistan
10	Magnesium Sulfate Effect on the Durability of Dune-alluvial Sand Mortars	M.F Lakhdari, A. Zaidi, M. Bouhicha and B. Krobba	Civil Engineering Department, College of Engineering, Laghouat University	Algeria
11	الحفاظ على البيئه بأستخدام الخرسانه المحتوية على نفايات مطاط الأطارات	الدكتور نوري الباشا و الدكتور عبد الناصر الزوام	قسم الهندسه المدنيه, كليه الهندسه, جامعه صبرانه	Libya

IV) Theme: Soil & Foundation

Serial No.	Title of Paper	Names of Authors	Affiliations	Country
1	Applications of Geothermal Energy in Geotechnical Engineering	Samiha A.B. Abdelrahman	Civil Engineering Department, College of Engineering, University of Omar Al- Mukhtar	Libya
2	A Real Study of Pathological Case of Foundation Failure of a Residential Building: From Diagnosis to Reinforcement	Merah. Ahmed, Khenfer Mohamed Mouldi	University of Laghouat, Algeria, Department of Civil Engineering, Laboratory of civil engineering research (LRGC)	Algeria
3	Behavior of Sand Slope Reinforced with Polystyrene Shreds Under Strip Footing	Enas B. Altalhe.	Department of Civil and Structural Engineering, Omar Al Mukhtar University, Libya	Libya
4	Investigation of Sh- Shear Body and Love-Waves Propagation Effects in Porous media with Uncertain Soil Parameters	Sadouki Amina and Harichane Zamila	Civil Engineering Department, College of Engineering, Hassiba Benbouali University of Chlef,	Algeria
5	Load-Settlement Behavior of Shallow Foundations - Numerical Modelling by the Artificial Neural Network Technique	Abdel Fattah Aouadj, Kamel Silhadi and Ali Bouafia	Civil Engineering Department, College of Engineering, University of Blida Saâd Dahleb – Blida	Algeria
6	Shallow Foundation Design by the Cone Penetration Test - Fem Analysis and Proposal of a Practical Method	Tawfiq Boufrina and Ali Bouafia	Civil Engineering Department, College of Engineering, University of Blida Saâd Dahleb– Blida	Algeria

7	Effect of Pile Diameter on the Behavior of Fully Plugged Pipe Pile Group in Sandy Soil	Mohammed Y. Fattah ⁽¹⁾ , Nahla M. Salim ⁽²⁾ , Asaad M.B. Al-Gharrawi ⁽³⁾	¹ Professor, Building and Construction Engineering Department, University of Technology, Baghdad, Iraq. ² Assistant Professor, Building and Construction Engineering Department, University of Technology, Baghdad, Iraq. ³ Lecturer, Civil Engineering Department, University of Kufa, Iraq.	Iraq
8	Swelling Pressure of Bentonite-Sand Mixtures under Different Suction	Mohammed Y. Fattah ⁽¹⁾ , Nahla M. Salim ⁽²⁾ , Entesar J. Irshayyid ⁽³⁾	¹ Professor, Building and Construction Engineering Department, University of Technology, Baghdad, Iraq. ² Assistant Professor, Building and Construction Engineering Department, University of Technology, Baghdad, Iraq. ³ Assistant Lecturer, Building and Construction Engineering Department, Al-Israa College, Baghdad, Iraq.	Iraq
9	Laterally Loaded Single Piles in Sand - Centrifuge Modelling	Hocine Haouari and Ali Bouafia	Civil Engineering Department, College of Engineering, University of Blida Saâd Dahleb- Blida	Algeria

10	P-Y Curves For Single Piles Under Lateral Loads – Finite Elements Modelling	Hocine Haouari, Ali Bouafia, Amina Lachenani, and Dalila Tachet	Civil Engineering Department, College of Engineering, University of Blida Saâd Dahleb– Blida	Algeria
11	Correction of The Hysteretic Damping of Cyclically Loaded Soils Using Masing Rules Together with the Iwan Model	Zamila Harichane, Azeddine Chehat	Laboratoire de Géomatériaux, Université Hassiba Benbouali de Chlef, Chlef, P.O Box 151, 02000, Algeria	Algeria
12	Effect Of $CaSO_4 \cdot 2H_2O$ on the Physico-Mechanical Properties of Stabilized Clayey Soils	K. Harichane, H. Gadouri and M. Ghrici	Civil Engineering Department, College of Engineering, University of Hassiba Ben-Bouali	Algeria
13	Laterally Loaded, Flexible Single Pile in Soft Clay at East of Port-Said (Egypt)	K.F.Ibraheem, K.M.H. Ismail And A.H.Moubarak	Civil Engineering Department, College of Engineering, Suez Canal University, Ismailia	Egypt
14	Single Pile Behavior under Cyclic Axial Loading in Sand- Physical Modeling in Calibration Chamber	M. Khouaouci , A. Bouafia, J. Canou, J.C Dupla, and H. Bekki	Civil Engineering Department, College of Engineering, University of Sciences and Technology, Houari Boumediene, Bab Ezzouar	Algeria
15	Laboratory Study on the Use of Waste Rubber in Reinforcing the Soil	K. Negadi ¹ , A. Arab ¹ , M. K. Elbokl ²	1 Department of Civil Engineering University of Chlef. Algeria. Laboratory of Materials Sciences & Environment, Chlef. 2 University of Cairo, Faculty of Civil Engineering, Cairo, Egypt	Algeria

16	Lateral Capacity of Grouted Screw Model Pile's Groups in Sand	Mohamed A. Sakr 1, Ashraf K. Nazir 2, Waseim R. Azzam 3, and Ahmed F. Sallam 4	1Department of structural engineering, University of Tanta, Tanta, GR- 54124, Egypt. 2 Department of structural engineering, University of Tanta, Alexandra, GR-54124, Egypt. 3 Department of structural engineering, University of Tanta, Tanta, GR-54124, Egypt. 4 Department of structural engineering, University of Tanta, Tanta, GR-54124, Egypt	Egypt
17	Lateral Load-Deflection Behavior of Single Piles – an Analysis of the Small Pile Deflections	A. Tharraf and A. Bouafia	Civil Engineering Department, College of Engineering, University Saâd Dahleb at Blida	Algeria
18	Soil Parameters Identification around Menard's Pressure meter Test by Inverse Analysis in Sntf El-Harrach Site	Ilhem Toumi, Younes Abed and Ali Bouafia	Civil Engineering Department, College of Engineering, University of Blida, Soumaa, Blida	Algeria