

PROFESSOR. DR: SAYED HEMEDA

PERSONAL DETAILS

Title



- **Professor, Institute of Basic and Applied Science - BAS. Egypt-Japan University of Science and Technology (E-JUST).
New Borg El-Arab city, Postal code 21934 Alexandria, Egypt.
sayed.hemeda@ejust.edu.eg
Tel: 002 3-4599816. Fax: 002 3-4599816**

- **PH.D in Civil Engineering (Geotechnical Engineering Division), Aristotle University of Thessaloniki, Greece 18 Nov 2008. Grade Excellent.**

- **Manager** of Archaeological Conservation Center of monuments and historic buildings and museum artifacts, Cairo University. From 2015 to present.

- **Editor in Chief of Journal of Geological Research**
<http://ojs.bilpublishing.com/index.php/jgr-a>

- **Professor (Full) in Architectural and Structural Restoration and Preservation of Historic Buildings and Archaeological Sites.**
Architectural Conservation Department, Faculty of Archaeology, Cairo University, Giza, Egypt.

- **Publishing** of 28 international books in Springer, Intech and Mistral. Publishing of 43 articles in international journals in Scopus and Clarivate analytics (ISI).

Awards

- <https://www.scopus.com/authid/detail.uri?authorId=35745991300>

- ORCID ID: <https://orcid.org/0000-0003-0308-9285>

- https://www.researchgate.net/profile/Sayed_Hemeda

- **(Awards)** General Union of Arab Archaeologists, Award of Academic excellence. 2019
- **(Awards)** Cairo University Award of scientific excellence. 2017
- **(Awards)** Cairo University Award of encourage. 2014
- **(Awards)** one of the best twenty PH.D Theses in Aristotle University, Thessaloniki, Greece 2008-2009 and Cairo University, Egypt 2008-2009. And the best PH.D thesis at Faculty of Archaeology, Cairo University 2008-2010.
- **(10 Awards)** International Publication Award from Cairo University, 2010 to PRESENT.
- **Certificate of Appreciation** from Missouri University, awarded in recognition of my service as a member of the paper review committee for the Fifth International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics. May 24-29. 2010 San Diego California.
- **Supervisor of Completed 16 M.Sc. and 8 Ph.D. Dissertations**
- **Member of the research unit of soil dynamics and geotechnical earthquake engineering, Civil Engineering Department, Aristotle University of Thessaloniki, Greece.**
- **Editorial board member of Sustainable Civil Infrastructure, book series, SpringerNature**
- **Editorial board member of IntechOpen London, book series**
- **Editor in Chief of Journal of Geological Research**
<http://ojs.bilpublishing.com/index.php/jgr-a>
- **Co-Editor of Journal of Advances on Conservation**

	<p>Science</p> <ul style="list-style-type: none"> ➤ Editorial board member of the Open Journal of Geology, OJG, California, USA ➤ Editorial board member of the American Journal of Civil Engineering ➤ Editorial Board Member in the Journal of general union of the Arab archaeologists ➤ Editorial board member of the Journal of Progress on Electrical and Electronic Engineering ➤ Reviewer in Heritage science ➤ Reviewer in the Innovative Infrastructure Solutions, SpringerNature ➤ Reviewer in Alexandria Engineering Journal, Elsevier ➤ Reviewer in Structural Engineering International, IABSE ➤ Organization Committee member in many international conferences like GeoMEast 2008, Cairo and Polymer chemistry, Amsterdam 1920 March 2019. <p>➤ Associate Professor of Geotechnical Engineering, Civil Engineering Department, Faculty of Engineering, UBT. Jeddah. Saudi Arabia (2014-2016).</p>
Postal address	<p>- Cairo University, Faculty of Archaeology, Department of Restoration, Giza, Egypt. P.O. Box 12613 Orman, Giza, Egypt</p> <p>- Aristotle University of Thessaloniki, School of Engineering, Department of Civil Engineering, P.O Box 424, GR-54124 Thessaloniki, Greece.</p>
Telephone no.	<p>Egypt ++201143769139 & ++237200960</p> <p>Greece ++302310994209 & ++306998402937</p>
E-mail address	Sayed.hemeda@cu.edu.eg ., hemeda_200x@yahoo.com
Nationality	Egyptian
Date of birth	21 / 3 / 1978

EDUCATION

Oct.2008	<p>PhD in Geotechnical Engineering and Structural Restoration of Monuments and historic buildings and archaeological sites entitled “<i>An integrated approach for the pathology assessment and protection of monuments in seismic regions. Application on some Greek-Roman monuments in Alexandria, Egypt</i>”. Under supervision of Prof. Dr. Kyriazis PITILAKIS; Prof. Dr. Stavros BANDIS; Prof.</p>
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	Dr. Ioanna PAPAYIANI. Aristotle University of Thessaloniki, Greece, Faculty of Engineering, Department of Civil Engineering. With grade Excellent with honor 10/10. One of the best 20 PhD thesis, AUTH, Greece 2008
Jul.2003	Master degree in treatment and restoration of historical buildings and archaeological sites, from Cairo University, Faculty of Archaeology Conservation Dept. in the title “ <i>Scientific evaluation of salt weathering of monuments, its sources in some Egyptian monumental environments, and its effect on limestone and sandstones which utilized in the monumental buildings the theme of the research, and the most important methods for treatment and conservation</i> ’. With grade Excellent with honor.
Jul.2000	Completed the Comprehensive courses for master degree in conservation and restoration department.
June.1999	Bachelor Degree in Conservation and Restoration of Monuments. Cairo University, Faculty of Archaeology, Dept. of Conservation with grade Very Good with honor.

FURTHER EDUCATION

Aug.2001	Housing & Building Research Centre, Giza, Egypt Four-week course on: ‘Testing of raw building materials’
2005-2007 Two academic year (Academic Courses for Doctoral Degree)	Aristotle university of Thessaloniki, School of Engineering, Department of Civil Engineering, Greece. I have successfully completed the necessary courses and examinations for my PhD in. 1) Experimental methods and measurements. 2) Special topics in construction material. 3) Special topics in soil mechanics, soil dynamic and Geotechnical engineering. 4) Special topics in engineering geology (All mentioned courses with grade excellent with honour 10/10).
4-12 July 2009	CULTNAT, Centre for Documentation of Cultural and Natural Heritage. SMART VILLAGE, 6 October city, Egypt. “Documentation Techniques in Culture Heritage Concepts, 3D Laser Scanning, GPS-GIS and NDT”
29-30 April, 2013	Short course in soil mechanics, Illinois, USA

27 May 2020- 28 July 2020	<p>Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading. Verify at coursera.org/verify/M72X3GDMMJ69</p> <p>Georgia Institute of Technology</p>
19 August 2020- 4 September 2020	<p>Mechanics of Materials IV: Deflections, Column Buckling, Combined Loading and Failure Theories. Verify at coursera.org/verify/coursera.org/verify/GDGQVTEHLX3</p> <p>Georgia Institute of Technology</p>

ACADEMIC WORK AND TEACHING STATEMENT

1999-2004	<p>I had been carrying out my practical courses and field training of treatment and conservation of historical buildings and decorative stone objects and mural paintings and inorganic materials for the undergraduate and postgraduate students in conservation department. Faculty of archaeology. Cairo university.</p> <p>Demonstrator at Department of Conservation, Faculty of Archaeology, Cairo University.</p>
2004 - April 2009	<p>Assistant lecturer at Department of Conservation, Faculty of Archaeology, Cairo University (Mission for PhD degree at Civil Engineering Department, AUTH, Thessaloniki, Greece).</p>
30 April 2009 - 2014	<p>Lecturer of restoration of historical, monumental buildings and archaeological sites at Department of Conservation, Faculty of Archaeology, Cairo University.</p>
30 April 2014 - 2019	<p>Associate Professor of restoration of historical, monumental buildings and archaeological sites at Department of Conservation, Faculty of Archaeology, Cairo University.</p>
May 2019 to present	<p>Professor of Geotechnical Engineering and structural and architectural restoration of monuments, historical buildings and archaeological sites.</p> <p>Teaching Statement includes some courses like:</p> <ul style="list-style-type: none"> - Construction Material Strength - Geotechnical Engineering - Geophysical investigation - Soil mechanics and soil dynamics - Advanced topics and temporary issues in soil mechanics - Foundation Engineering - Engineering geology

- Experimental methods and measurements
- Special topics in structural restoration of historic buildings
- Geology for Civil Engineers
- Structural Analysis
- Nondestructive testing in Civil Engineering
- Monitoring systems
- Seismology
- Seismic hazard analysis

RESEARCH STATEMENT

INTERNATIONAL CONFERENCES

28 June. 2007 Thessaloniki, Greece	4th International Conference on Earthquake Geotechnical Engineering, Sayed HEMEDA., Kyriazis PITILAKIS., Ioanna PAPAYIANNI., Stavros BANDIS, ”Underground monuments (Catacombs) in Alexandria, Egypt”.
4-6 March. 2008 Cairo university, Egypt	1st International Conference. Giza through the Ages: studies in monuments, restoration, environment, tourism. Sayed HEMEDA., Kyriazis PITILAKIS., Stavros BANDIS “Geotechnical, geophysical investigations and seismic response analysis of the underground tombs in Mustafa Kamil Necropolis, Alexandria, Egypt”.
21-24 June. 2009 Roma, Italy	1st International Conference on Protection of Historical Buildings, Rome, Italy 21-24 June 2009. Sayed HEMEDA. “Seismic response analysis of pillar of Alexandria, Egypt. In addition its effect on the excavated Serapeum temple 11.29 m under the pillar”.
22-24 June, 2009 Island of Rhodes, Greece.	2nd International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering. Sayed HEMEDA., Kyriazis PITILAKIS “Seismic response analysis of the underground monumental structures, the Catacombs of Kom El-Shoqafa, Alexandria, Egypt”.
22-23 Sept, 2009 Santorini, Greece.	3rd Greece – Japan Workshop on Seismic Design, Observation and Retrofit of Foundations. Sayed HEMEDA., Kyriazis PITILAKIS “Seismic response analysis of the underground monumental structures, the Catacombs of Kom El-Shoqafa, Alexandria, Egypt”.
5-9 October. 2009 Bibliotheca Alexandrina, Egypt	17th International Conference on soil mechanics & Geotechnical Engineering, Kyriazis PITILAKIS., Sayed HEMEDA., Stavros BANDIS “Geotechnical investigation and seismic analysis of underground monuments in Alexandria, Egypt”.

21-24 December. 2009 Cairo University, Egypt	5th International Conference on scientific research and its application, Sayed HEMEDA., “Pathology assessment and protection of archaeological sites in seismic regions, application on some Greek-Roman monuments in Alexandria , Egypt”.
17-19 April. 2010 Cairo university, Egypt	3rd International Conference of the faculty of archaeology (culture contributions of Egypt and its impact on the human civilization through ages. Sayed HEMEDA., Kyriazis PITILAKIS., Stavros BANDIS “Design and implementation of engineering measures for the seismic protection of the understructure of a historical monument at mount Athos, Greece.”.
27-29 May 2010 SANdiego, CA. USA	5th International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics. Sayed HEMEDA., Elias BAKASIS., Kyriazis PITILAKIS “Three dimensional static stability analysis of the central rotunda of catacombs of Kom El-Shoqafa, Alexandria, Egypt, using the FLAC3D code”.
10-12 June 2010 Ottawa, Canada	Canadian Association for Conservation of Cultural Property 36th Annual Conference. Sayed Hemed; Abdou El-Derby “Salt weathering of limestone in some ancient Egyptian Buildings”.
9-10 September 2010 British Museum, London	SEM and Microanalysis in the Study of Historical Technology, Material and Conservation (SEM2010) Sayed Hemed; Abdou El-Derby “Salt weathering of Nubian Sandstone in some ancient Egyptian Buildings”.
10-13 January 2011 Santiago, Chile	5th International Conference on Earthquake Geotechnical Earthquake Engineering. Sayed Hemed “Pathology Assessment and Durability Aspects of the Archaeological Construction Materials of the Archaeological Site of Kom El-Dikka, Alexandria, Egypt”.
October 2011 Cairo	14th Conference of Arab Archaeologist. Sayed Hemed ” Study and analysis of deterioration phenomena of double faced walls in Islamic monuments in Cairo, with practical application for restoration on some selected buildings”.
<i>Istanbul, Turkey 22-25th November 2011.</i>	5th International Congress "Science and Technology for the Safeguard of Cultural Heritage in the Mediterranean Basin" Sayed Hemed “Evaluating the rate of rock art deterioration in Wadi Maghara and Wadi Mukattab in Sinai, Egypt”
Chicago, Illinois. USA, April 29-May 5, 2013	7th International Conference on Case Histories in Geotechnical Engineering. Sayed Hemed, Mohamed Gamal and Kyriasis Pitilakis " <i>Seismic hazard and Geophysical Investigations for architectural heritage preservation in Egypt: The Case of Habib Sakakini palace</i> "

<i>Istanbul, 17-19 June 2013</i>	International Conference on Earthquake Geotechnical Engineering: From Case History to Practice. Sayed Hemeda” Grouting of multiple leaf-masonry walls: Experimental and practical study, application on some Islamic historic monuments, Cairo, Egypt.”
China, June 20-22, 2014	The 3rd International Conference on Civil Engineering and Urban Planning (CEUP 2014), to be held in Wuhan, China, June 20-22, 2014. "Seismic Hazard Analysis for Architecture Heritage Preservation in Egypt: The Case of the Cairo,s Oldest, Abu Serga Church".
Cottbus, German. October 23-25, 2014	The Conference “The Right to [World] Heritage” to be held in Cottbus, German. October 23-25, 2014. "Risk Assessment and Protection of Egyptian Culture Heritage after Revolution of 25 Jan 2011"
Cairo University, Cairo. 15-18 Oct 2014	The First International Conference on Egypt and Mediterranean through Ages "Reconstruction of the first zodiac: Esna A
Sharm elsheikh, Egypt. 17-21 March 2017	9th International Conference on Nanotechnology in Construction “Effectiveness of nano materials and nano-modified polymers for preservation of historic brick masonry in Rashed, Egypt.”
Hurghada. Egypt 13-17 April 2018	10th International Conference on Nanotechnology in Construction “The Effectiveness of Nano Materials and Nano Preservation of Historic Masonry Mortar in Rashid Egypt.”
Madrid, Spain 24-26 October 2018	La Ciencia y el Arte VII Ciencias y tecnologías aplicadas a la conservación del patrimonio 24, 25 y 26 de octubre de 2018 "Improvement in the design of lime mortars combining Roman technology and nanotechnology".
Cairo Egypt November 2018	"3D FE Analysis Model for Geotechnical Problems of Historic Masonry Structures" GeoMEast 2018 International Congress and Exhibition.
Cairo Egypt November 2018	"Carbon Fiber Reinforced Polymers (CFRP) for Strengthening and Seismic Retrofitting of Historical Circular Masonry Stone Columns" GeoMEast 2018 International Congress and Exhibition.
Pamplona, Spain 19-21 June 2019	"The interpretation of scientific data derived from analytical techniques used in the characterization of roman mortars". In 5th Historic Mortars Conference. RELIM publications S.A.R.L France 2019. ISBN 978-2-35158-221-3

INTERNATIONAL JOURNALS

Engineering Geology 12 May 2010 JIF: 6	Sayed HEMEDA., Kyriazis PITILAKIS “The Serapeum temple and the ancient annex library in Alexandria, Egypt: Geotechnical-geophysical investigations and stability analysis under static and seismic conditions”. International Journal of Engineering Geology Vol 113, issues 1-4 , pages 33-43. May 2010. ENGINEERING GEOLOGY Monthly ISSN:0013-7952 ELSEVIER SCIENCE BV , PO BOX 211, AMSTERDAM, NETHERLANDS, 1000 AE
Open journal of geology Www. Srip.journals.org July 2012 JIF: 0.17	Sayed Hemed a "Ground Penetrating Radar (GPR) in Preservation of Architectural Heritage in Egypt. Case study of Habib Sakakini palace. Volume 2, Issue 3, July 2012. OPEN JOURNAL OF GEOLOGY Quarterly ISSN:2161-7570 SCIENTIFIC RESEARCH PUBLISHING INC , PO BOX 54821, IRVINE, USA, CA, 92619-4821
International Journal of Conservation Science IJCS- JUNE 2012	Sayed Hemed a "Evaluating the rate of stone art Deterioration in Wadi Maghara and Wadi Mukattab, Sinai, Egypt" Volume 3, Issue 2, June 2012: 79-88.
International Journal of Conservation Science IJCS- JUNE 2012	Sayed Hemed a "Ground Penetrating Radar (GPR) in Preservation of Architectural Heritage in Egypt. Case study of Habib Sakakini palace. Volume 3, Issue 3, September 2012. Pp 153-162
International Journal of Conservation Science IJCS- December 2012	Sayed Hemed a "Grouting of multiple leaf-masonry walls: application on some islamic historical monuments, Cairo, Egypt" Volume 3, Issue 4, December 2012.
International Journal of Conservation Science IJCS- March 2013	Sayed Hemed a "Geomechanical Investigations for Architectural Heritage Preservation. The Habib Sakakini Palace in Cairo, Egypt" Volume 4, Issue 1, March 2013.
Australian Journal of Basic and Applied Science. JIF: 0.25	Sayed Hemed a " Electrical Resistance Tomography (ERT) Subsurface Imaging for Non- destructive Testing and Survey in Historical Buildings Preservation". Volume 7, Issue 1, Jan 2013.
Mediterranean Archaeology &	Sayed Hemed a "Laser Induced Breakdown Spectroscopy and other Analytical Technique Applied on Construction Materials at Kom EL-

Aachaeometry (MAA) JIF: 0.37	Dikka, Alexandria, Egypt" Volume 13.2. Dec 2013
Geomaterials Www. Srip.journals.org January 2013 JIF: 0.13	Sayed Hemeda "Geotechnical Characterization of Sakakini,s Palace Stones and other Construction Materials, Cairo- Egypt." Volume 3, Issue 1, January 2013.
Journal of Mechanical and Industrial Engineering 2014	" Sayed Hemeda “Pali radice (Root Piles, Micropiles) technology for preservation of historic Islamic monuments in Cairo Egypt” Volume , Issue .June 2014.
Mediterranean Archaeology & Aachaeometry (MAA) JIF: 0.37	Sayed Hemeda, El-Sayed El-Banna , "Structural deficiency and intervention measures on rubble filled walls in Islamic historical buildings in Cairo, Egypt" Volume 14, 2014
Journal of Civil Engineering and Science (JCES) 2014 IF: 0.13	Sayed Hemeda "Seismic Hazard Analysis for Architecture Heritage Preservation in Egypt: The Case of the Cairo's Oldest, Abu Serga Church". Volume , issue , 2014
Egyptian Journal of Archaeological and Restoration Studies "EJARS" June 2015	Sayed Hemeda “DURABILITY OF DECORATIVE STONES AND OTHER CONSTRUCTION MATERIALS OF AL-TANBOGHA AL-MARDANY MOSQUE (1340 A.D) 14TH CENTURY IN CAIRO” Volume 5, Issue 1, June - 2015
Mediterranean Archaeology & Aachaeometry (MAA) JIF: 0.37	Sayed HEMEDA, Kyriazis PITILAKIS, Stavros BANDIS "Geotechnical, Geophysical Investigations and Seismic Response Analysis of the Underground Tombs in Mustafa Kamil Necropolis, Alexandria, Egypt." Vol. 15, 2015
RESEARCH IN NONDESTRUCTIVE EVALUATION (RNE) JIF: 1.93	Sayed Hemeda., Kyriazis Pitilakis “GEOPHYSICAL INVESTIGATIONS AT CAIRO'S OLDEST CHURCH OF ABU SERGA (CAIRO, EGYPT). October 2017, Volume 28 issue 3. Francis&Taylor
Mediterranean Archaeology & Aachaeometry (MAA) JIF: 0.37	Sayed Hemeda “NON-LINEAR STATIC ANALYSIS AND SEISMIC PERFORMANCE OF MODERN ARCHITECTURAL HERITAGE IN EGYPT.” Vol. 16, No 3. December 2016
Open Journal of Geology	Sayed Hemeda " Engineering Investigations and Durability Problems of the Construction Materials of the Roman Babylon of Egypt" 26

April 2018, Vol 8	
Geoenvironmental Disasters. SpringerOpen SpringerNature JIF: 1.77	Sayed Hemeda "ENGINEERING FAILURE ANALYSIS AND DESIGN OF SUPPORT SYSTEM FOR ANCIENT EGYPTIAN MONUMENTS IN VALLEY OF THE KINGS, LUXOR, EGYPT" 22 August 2018, Volume 5:12
Stroitel'nye Materialy [Construction Materials]	Sayed hemeda, Shoeb ahmed, Mervat Khalil, Ahmed Abdel aziz " Mechanical characterization of Nano modified lime based restoration mortars" " Stroitel'nye Materialy " [Construction Materials], 2018, No 9, pp 66-74
International Journal of Conservation Science JIF: 0.78	Sayed Hemeda et al "Effectiveness of nano-materials and nano-modified polymers for preservation of historic brick masonry in Rashid city, Egypt." Vol 9.Issue 4 December 2018
Geotechnical and Geological Engineering Springer I F: 1.77	Sayed Hemeda "Geoenvironmental and Structural Problems of the First Successful true pyramid at Dahshuor, southwest Cairo, Egypt". 2019 <u>Geotechnical and Geological Engineering</u> 37(4), pp. 2463-2484 Cite this article as: Hemeda, S., Fahmy, A. & Sonbol, A. Geotech Geol Eng (2018). https://doi.org/10.1007/s10706-018-00769-x
Heritage Science SpringerOpen IF: 2.5	Sayed Hemeda "3D Finite Element Coupled Analysis Model for Geotechnical and Complex Structural Problems of Historic Masonry Structures: Conservation of Abu Serga Church, Cairo, Egypt." <i>Heritage Science</i> 2019 7:6 https://doi.org/10.1186/s40494-019-0248-z
Scientific Reports SpringerNature IF: 5	Sayed Hemeda "CT Scanning and MATLAB Calculations for Preservation of Coptic Mural Paintings in Historic Egyptian Monasteries," Vol 9, 3903. March 2019
Open journal of Geology	Sayed Hemeda "Intervention Retrofitting and Rehabilitation of Al-Gawhara Palace at the Saladin Citadel, Cairo, Egypt. Open journal of Geology, Vol 9. March 2019
Open journal of Geology	Sayed Hemeda "The Early Basilica Church, El-Ashmonein Archaeological Site, Minia, Egypt: Geo-environmental Analysis and Engineering Characterization of the Building Materials." Open journal of Geology, Vol 9. 157-186 http://www.scirp.org/journal/ojg March 2019
Heritage Science SpringerOpen	Sayed Hemeda "Geophysical and Geotechnical Investigation techniques in Ben Ezzra Synagogue in old Cairo area. Egypt. <i>Heritage Science</i> 2019 7:23

https://doi.org/10.1186/s40494-019-0265-y	
IF: 2.5	
Open Journal of Geology Master Journal List Clarivate	<p>Sayed Hemeda "Nano particles and Nano composites for Preservation of Historic Marble Minbars. With application on the Minber of Soliman Pasha Al-Khadim Mosque in Salah El-Din Citadel in Cairo, Egypt."</p> <p>Open Journal of Geology, 2019, 9, 957-973 https://www.scirp.org/pdf/ojg_2019121816301377.pdf DOI: 10.4236/ojg.2019.913099</p>
Heritage Science SpringerOpen	<p>Sayed Hemeda "Sustainability Problem of the Giza Pyramids". Herit Sci 8, 8 (2020). https://doi.org/10.1186/s40494-020-0356-9</p>
IF: 2.5	
International Journal of Conservation Science JIF: 0.78	<p>Sayed HEMEDA, Mervat KHALIL, Ahmed SHOEB, Ahmed Abd EL AZIZ "NANOSTRUCTURED MATERIALS FOR STRENGTHENING AND PRESERVATION OF HISTORIC STRUCTURAL MARBLE COLUMNS" Volume 11, Issue 2, April-June 2020</p>
Construction and Building Materials IF: 5	<p>Implications of new mineral phases in the isotopic composition of Roman lime mortars at the Kom el-Dikka archaeological site in Egypt. https://doi.org/10.1016/j.conbuildmat.2020.121085 Construction and Building Materials, 2021, 268, 121085</p>
Geotechnical and Geological Engineering	<p>Numerical Analysis of Geotechnical Problems of Historic Masonry Structures. 2021 Geotechnical and Geological Engineering volume 39, pages2461–2469(2021) DOI: 10.1007/s10706-020-01638-2</p>
Heritage science IF: 2	<p>Geo-Environmental Monitoring and 3D Finite Elements Stability Analysis for site Investigation of Underground Monuments. Horemheb Tomb (Kv57), Luxor, Egypt. Heritage Science, 2021, 9 (1), 17</p>

CONFERENCES ORGANIZATION

<p>4th International Conference on Earthquake Geotechnical Engineering, 28 June. 2007, Thessaloniki, Greece. Organization member</p>
<p>ICCMSE 2014, 10TH INTERNATIONAL CONFERENCE OF COMPUTATIONAL METHODS IN SCIENCES AND ENGINEERING. ICCMSE 2014, 04-07 April 2014, Metropolitan Hotel, Athens, Greece. Symposium Title "Computational Methods in Culture Heritage Preservation" Organizer: Dr. Sayed Hemeda, Conservation Department, Faculty of Archaeology, Cairo University, Egypt.</p>
<p>GeoMEast 2018, Marriot hotel, Giza, Egypt. 24-28 November 2018</p>

NATIONAL JOURNAL

Journal of Faculty of Archaeology (JFA), Cairo University.	Sayed Hemeda "Multiple-leaf-masonry walls: Experimental and practical Evidences on mechanical properties enhancement by heavy grouting". Volume 15. October 2010.
Journal of Faculty of Archaeology (JFA), Cairo University.	Sayed Hemeda "Facing of the anticipated effects of climate change on marine heritage cities in Egypt (Alexandria - A Case Study)". Volume 16. October 2011.

LANGUAGES

Arabic	Native language
English	- International TOEFL [2000 – 9/9]
Greek	-Σχολείο Νεας Ελληνικής Γλώσσας [2005 – Honor]
Italian	Oral

BOOKS

Sayed Hemeda	“The Analytical Geotechnical Engineering Vision of Monuments as Engineering Structures” Dar El-Hany, Cairo 2009. In Arabic language
Sayed Hemeda	“An integrated approach for the structural restoration of monumental and historical buildings” Dar El-Hany, Cairo 2010. In Arabic language

INTERNATIONAL BOOKS

Kyriazis Pitilakis., Stavros Bandis, and Sayed Hemeda	"Geotechnical investigation and seismic analysis of underground monuments in Alexandria, Egypt" EBOOK: Proceedings of The 17th International Conference on Soil Mechanics and Geotechnical Engineering convened on 5-9 October 2009 at the international award-winning Bibliotheca Alexandrina in Alexandria, Editors Mamdouh Hamza, Marawan Shahien, Yasser El-Mossallamy. ISBN: 978-1-60750-031-5 (print) 978-1-60750-508-2 (online). Available from http://ebooks.iospress.nl/book/proceedings-of-the-17th-international-conference-on-soil-mechanics-and-geotechnical-engineering-volumes-1-2-3-and-4
Sayed Hemeda	Sayed Hemeda (Feb 2012). “Seismic Response Analysis and Protection of Underground Monumental Structures – The Catacombs

	<p>of Kom EL-Shoqafa, Alexandria, Egypt”. In Advances in Geotechnical Earthquake Engineering - Soil Liquefaction and Seismic Safety of Dams and Monuments, Abbas Moustafa (Ed.) Croatia, ISBN: 978-953-51-0025-6, InTech Available from: http://www.intechopen.com/articles/show/title/seismic-response-analysis-and-protection-of-underground-monumental-structures-the-catacombs-of-kom-el-shoqafa.</p>
Sayed Hemeda	<p>Sayed Hemeda (20 March 2013). “Seismic Hazard Analysis for Archaeological Structures — A Case Study for EL Sakakini Palace Cairo, Egypt” In Engineering Seismology, Geotechnical and Structural Earthquake Engineering, ISBN 978-953-51-1038-5, edited by Sebastiano D'Amico. Available from: http://www.intechopen.com/articles/show/title/seismic-hazard-analysis-for-archaeological-structures-a-case-study-for-el-sakakini-palace-cairo-egyp</p>
Sayed Hemeda	<p>Sayed Hemeda (20 April 2014). “Seismic Hazard Analysis for Architecture Heritage Preservation in Egypt: The Case of the Cairo's Oldest, Abu Serga Church.” In *“Earthquakes and their impact of Society”* The book will be published by *Springer* under the Series Title "Springer Natural Hazards, edited by Sebastiano D'Amico.</p>
Sayed Hemeda	<p>“Paliradice (Root Piles, Micropiles) technology for preservation of historic Islamic monuments in Cairo Egypt” January 2015. Publisher: mistral service sas via Bonino 3, 98100 Messina, (Italy) ISBN: 978-88-98161-32-4.</p>
Sayed Hemeda	<p>Risk Assessment and Protection of Culture Heritage” LAP LAMBERT, Academic Publishing. Germany March 2016. https://www.amazon.com/Risk-assessment-protection-culture-heritage/dp/3659878197</p>
Sayed Hemeda	<p>Modern Architectural Heritage Preservation” Publisher: mistral service sas via Bonino 3, 98100 Messina, (Italy) 2017</p>

Sayed Hemeda	“Seismology, Earthquake Engineering and Structural Engineering” April 2017 Publisher: Auris reference, (UK)
Victor Corechete, Farhana Sarwar and Sayed Hemeda	"Encyclopedia of Earthquake Resistant Structures: Design, Assessment and Rehabilitation" 3 Volumes April 2017 Publisher: Auris reference, (UK)
Sayed Hemeda	"Sustainable Construction and Building Materials" IntechOpen, England. Published: March 13th 2019 ISBN: 978-1-78985-750-4 Print ISBN: 978-1-78985-749-8 Copyright year: 2019 https://www.intechopen.com/books/sustainable-construction-and-building-materials
Sayed Hemeda	<u>Contemporary Issues in Soil Mechanics" ISBN 978-3-030-01941-9, Springer Nature Switzerland AG, Jan 2019</u> https://www.springer.com/gp/book/9783030019402
Sayed Hemeda	Hemeda S. (2019) Carbon Fiber Reinforced Polymers (CFRP) for Strengthening and Seismic Retrofitting of Historic Circular Masonry Stone Columns. In: Rodrigues H., Elnashai A. (eds) Advances and Challenges in Structural Engineering. GeoMEast 2018. Sustainable Civil Infrastructures. Springer, Cham
Sayed Hemeda	Hemeda S. (2019) 3D FE Analysis Model for Geotechnical Problems of Historic Masonry Structures. In: Shehata H., Das B. (eds) Advanced Research on Shallow Foundations. GeoMEast 2018. Sustainable Civil Infrastructures. Springer, Cham
Sayed Hemeda	Hemeda S. (2019) Engineering Failure Analysis and Design of Support System for Ancient Egyptian Monuments in Valley of the Kings, Luxor, Egypt. In: Badr M., Lotfy A. (eds) Sustainable Tunneling and Underground Use. GeoMEast 2018. Sustainable Civil Infrastructures. Springer, Cham
Sayed Hemeda	Zheng-Ming Huang & Sayed Hemeda " Failure Analysis" December 2019 IntechOpen, England https://www.intechopen.com/books/failure-analysis Published: December 18th 2019

	<p>ISBN: 978-1-83968-254-4 Print ISBN: 978-1-83968-253-7 eBook (PDF) ISBN: 978-1-83968-255-1 Copyright year: 2019</p>
Sayed Hemeda	<p>Hemeda S. (2020) Determination of Shear-Wave Velocity to 30 m Depth from Refraction Microtremor Arrays (Remi-Test). Applied in Some Greek-Roman Archaeological Sites in Alexandria, Egypt. In: Shehata H., Brandl H., Bouassida M., Sorour T. (eds) Sustainable Thoughts in Ground Improvement and Soil Stability. GeoMEast 2019. Sustainable Civil Infrastructures. Springer, Cham</p>
Sayed Hemeda	<p>Sayed Hemeda (May 26th 2020). Uniaxial and Triaxial Creep Performance of Calcarenitic and Sandy Oolitic Limestone Formations for Stability Analysis of Roman Rock-Cut Tombs in Alexandria, Egypt [Online First], IntechOpen, DOI: 10.5772/intechopen.91720.</p> <p>Available from: https://www.intechopen.com/online-first/uniaxial-and-triaxial-creep-performance-of-calcarenitic-and-sandy-oolitic-limestone-formations-for-s</p>
Sayed Hemeda	<p>Geotechnical Engineering - Advances in Soil Mechanics and Foundation Engineering Published: July 15th 2020 ISBN: 978-1-78984-290-6 Print ISBN: 978-1-78984-289-0 eBook (PDF) ISBN: 978-1-78985-302-5 Copyright year: 2020 https://www.intechopen.com/books/geotechnical-engineering-advances-in-soil-mechanics-and-foundation-engineering</p>
Sayed Hemeda	<p>"An Integrated Geophysical and Geotechnical Assessment of Hazards Around The Abu Serga Church" Bentham Books, 2021 Bentham Science Publishers Executive Suite Y - 2 Building Y Saif Zone Sharjah, U.A.E https://benthambooks.com/future-books-by-subject/social-sciences-and-behavioral-sciences/sub-category/archaeology/</p>

PROFESSIONAL EXPERIENCE

INTERNATIONAL RESEARCH PROJECTS

Started from 4 July 2011 And for two years	Manager and main investigator of the “ Risk assessment and seismic response analysis and protection of architectural heritage in Egypt ” Egyptian research project funded by Cairo University.
Started from 1 January 2010 And for three years	Member in the advisory board of the “ PERPETUATE ” European research project funded by FP7. Performance-Based Approach to Earthquake Protection of Cultural Heritage in European and Mediterranean Countries.
Started from 2 September 2010 And for three years	Member of “ NIKER ” European research project funded by FP7. New integrated knowledge based approaches to the protection of culture heritage from earthquake induced risk.
Started from September 2015 to December 2017	Improvement in the construction mortars design combining roman technology and nanotechnology. Implications of climate change (CLIMORTC) Funded by ministry of Economy and competitiveness of Spain.

FIELD CONSULTANCY

2000-2003	Participated in treatment and restoration projects for many Pharaonic and Islamic and Greek-roman monuments in Cairo, Alexandria, Beni Suef governorate, El-Kharga oasis: Ramsis IV temple in Arab El –Hisn in Cairo Hibis temple in El-Kharga Oasis Ramsis II (Herisheif) temple, Beni Suef governorate.
2000-2004	Scientific consultant in restoration and rehabilitation projects carried out to some islamic buildings in Cairo: Rabaa El-Qazlar Sabel Abas Agha Youssef El-Kordy Mosque El-Haitem Mosque Sabel Ibrahim Kholosy El-Ghori palace wall Wkallit Radwan El-Ghafari Gonbolat Mosque The Chief Consultant of restoration for El-Youssef Company for contractor and restoration of monuments (Cairo. Egypt), which carried out these restoration projects from 2000 to 2004.under supervision of supreme

	council of antiquities, ministry of culture, Egypt.
2001-2004	Participated in preparation of the scientific programs for the restoration and rehabilitation of some historical buildings in Cairo: El-Ghori gate Wekalat Badawia Bent Shaheen Wekalat Kosa Sanan While I was The Consultant of restoration for Al-Mimarian (Architects) office for Engineering services
2004	Staff member in the restoration project of the Eastern wall of Islamic Cairo city, which included preparation of two scientific studies for the limestone and mortars that, will be used in the restoration, for Baka company.
2012-2013	Restoration design studies for Skakini palace in Cairo, Egypt
2104-2015	Restoration and intervention retrofitting of Abu Serga church in old cairo area, Cairo, Egypt
2014-2015	Conservation project of Abu Serga church in old cairo area
From 2015 to present	The vice manager and manager of conservation center of monuments and historic buildings, Cairo university, Egypt. Conservation of five historic buildings in Islamic in Cairo: - Elseet wasilah House at Al-Ghori area., - Elmabiadah at El-Gamalia., - Dom of Kosson at El-Gamalia., - Mahnoud moharam mosque., - El-Sihiimi house at Eldarb elasfar.,
2018 to present	Nathan Associates Inc as Archeological Impacts Specialist on an exclusive basis for USTDA's Egypt: Feasibility Study: Qena Combined Cycle Gas Turbine Power Project, ref.:2018-21004A. 1777 North Kent Street, Suite 1400 Arlington, Virginia 22209 T +1 703-516-7700 F +1 703-351-6162 NATHANINC.COM

SPECIAL TRAINING COURSES

15-29 May 2010	Non Destructive Testing training course, level I and II for individuals from Saudi Arabia. For Projects Company.
29 May- 2 June 2010	Environmental Awareness training course for individuals from Saudi Arabia. For New Practical Industrial Solutions Company, (NEW PIS).
20- 25 November 2009	Practical courses for restoration and conservation of historical and monumental buildings for visitor group from Bosnia state. Conservation Centre of Archaeology and

	Museum Objects, Faculty of Archaeology, Cairo University.
5- 12 March 2001	Practical courses for treatment and conservation of historical buildings and decorative stone objects and mural paintings for visitor group from Georgia state. Conservation Centre of Archaeology and Museum Objects, Faculty of Archaeology, Cairo University.

MEMBERSHIP OF LOCAL AND INTERNATIONAL SOCIETIES AND RESEARCH CENTERS

2018	Editor- in –Chief Journal of Geological Research (JGR) https://ojs.bilpublishing.com/index.php/jgr-a/about/editorialTeam
2019	Co-Editor of Advanced research in conservation science http://arcs.journals.ekb.eg/journal/editorial.board
2019	Editorial board of the Open journal of Geology https://www.scirp.org/journal/OJG/?utm_campaign=1416495552_61426580804&utm_source=liuyj&utm_medium=adwords&utm_term=geology%20journal&utm_content=aud-343326638305:kwd-477570864858_c_1t1_1005381_b&gclid=Cj0KCQiA0ZHwBRCRARIsAKOTr-q-SkzwUCihoNeIYtBeRppVGvIkXMps7LTKs2ndWr7cA0cw7d0Q3SIaAudeEALw_wcB
From 2004	Member of the research unit of soil dynamics and geotechnical earthquake engineering, Civil Engineering Department, Aristotle University of Thessaloniki, Greece.
From 2001to Present	Member of the general union of the Arab archaeologists. And Editorial Board Member in the <i>Journal of general union of the Arab archaeologists</i>
2009-2010	Member of the paper review committee for the Fifth International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics. May 24-29. 2010 San Diego California.
2013-2014	Member of the paper review committee for the The 3rd International Conference on Civil Engineering and Urban Planning (CEUP 2014), to be held in Wuhan, China, June 20-22, 2014.
2013-2014	ICCMSE 2014, 10TH INTERNATIONAL CONFERENCE OF COMPUTATIONAL METHODS IN SCIENCES AND ENGINEERING. ICCMSE 2014, 04-07 April 2014, Metropolitan Hotel, Athens, Greece. Symposium Title "Computational Methods in Culture Heritage Preservation"

	Organizer: Dr. Sayed Hemeda, Conservation Department, Faculty of Archaeology, Cairo University, Egypt
From 2017 to Present	International Society for nondestructive testing
From 2017 to Present	Member of the Editorial board of American Journal of Civil Engineering ADDRESS Science Publishing Group 548 FASHION AVENUE NEW YORK, NY 10018 U.S.A. Tel: (001)347-688-8931
Feb 2018	Editorial Board Member of the " Sustainable Civil Infrastructure" book series, Springer Nature. Editor of the "soil testing, soil stability and ground improvement" Springer Nature.
May 2018	Editorial Board Member of the "Progress on Journal of Electrical and Electronic Engineering" Singapura
July 2018	Reviewer of the " the 16 th European Conference on Earthquake Engineering (16ECEE), to be organized in Thessaloniki, Greece between 18-21, June, 2018.
May 2018	Editorial Board Member of Journal of "Advances in Geoscience" Singapura
June 2018	Reviewer in the Alexandria Engineering Journal
November 2018	GeoMEast Congress and Exhibition, 2018, Cairo Egypt
March 2019	Organizing committee member of the International conference of Polymer and Biopolymer Chemistry. Amsterdam March 2019
July 2019	Organizing committee member of the International Congress on Geology and Geoscience, London July 2019
March 2020	Organizing committee member of the REHABEND 2020, Grnada, Spain https://www.rehabend.unican.es/2020/scientific-committee-2020-eng/
Jan 2020	2020 International Conference on Frontiers of Smart Materials and Structures (CFSMS 2020) will be held in Athens, Greece on January 10-12, 2020. http://www.cfsms.org/
June 2018	6th European conference on Earthquake Engineering, Thessaloniki, Greece, 18-21 June 2018 http://www.16ecee.org/organisers/eace-etam
2022	Organizing committee member of the REHABEND 2022 Congress on "Construction pathology, rehabilitation technology and heritage management" Grnada, Spain https://www.rehabend.unican.es/2022/scientific-committee-2022-eng/

AWARDS – SCHOLARSHIPS

May 2010	One of the best twenty Ph.D theses in Cairo University (2009), and the best PH.D thesis at Faculty of Archaeology, Cairo University 2009.
2004-2008	Personal Scholarship from IKY (Greece Government) Programme for Ph.D.
July 2010	Certificate of Appreciation from Missouri University, awarded in recognition of my service as a member of the paper review committee for the Fifth International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics. May 24-29. 2010 San Diego California.
From 2008 to present	International Publication Award from Cairo University.
December 2009	Cairo University's Award for the best PH.D thesis in Faculty of Archaeology, Cairo University.
2014 December	Cairo University's Award of Encourage
2017 July	Cairo University's Award of scientific excellence
November 2019	The General Union of Arab Archaeologist, Award of academic excellence

COMPUTER USE

Software applications:

- Microsoft Office 2007: Word, Excel/Visual Basic, PowerPoint
- AutoCAD 2000, 2006,2008,2010, R14
- SAP 2000 v.17
- PLAXIS 2D v.8 (static & dynamic)
- PLAXIS 3D v.8 (static & dynamic)
- Examine 2D
- CyberQuake, SeismoSignal (strong motion data processing)
- Adobe Photoshop v7.0

ACTIVITIES & INTERESTS

- Enjoy photography and was member of the Aristotle University Photographic Society
- Took outdoor climbing course and pottery classes while in university
- Participated in voluntary work for environmental organizations
- Enjoy literature, music and films and try to find opportunities to travel



جامعة القاهرة

شكر وتقدير

نال الأستاذ الدكتور

سيد محمد سيد محمد حميدة

كلية الآثار

جائزة الجامعة للتفوق

في مجال العلوم الإنسانية والتربوية

لعام ١٤٣٨ الهجري - ٢٠١٦ الميلادي

رئيس جامعة القاهرة

الأستاذ الدكتور / محمد عثمان الخشت



CAIRO UNIVERSITY
Certificate

0129624



Witness The Faculty of Archaeology, Cairo University

That student : SAYED MOHAMED SAYED MOHAMED HEMEDA

Nationality : Egyptian Born in : Bani Sweif - Egypt Dated: 21/03/1978

has obtained the degree of Licentiate of Archaeology Dept, of Restoration

In: May Year: 1999 Grade: V.Good With Honor

Total Mark: 854 / 1000

This certificate is issued upon his request



marwa. Lotfy Alaa Neven Hassan
14/5/2019 14/5/2019



Dean Of the Faculty

Gomma Abdel-Maksoud
14



Prof. Dr . Gomma Mohamed Mahmoud Abd El Maksod





CAIRO UNIVERSITY
Certificate

028131

This is to certify that Mr.: Sayed Mohamed sayed Mohamed Hameda

Born in : Bani Sweif in : 21/3/1978 Nationality : Egyptian

Obtained the degree of M.A. in Restoration

Department of : " Restoration "

With grade : "Excellent" .

The subject of his thesis was : « The Scientific Evaluation of Salt Weathering and its Sources in some Egyptian Monumental Environments, its Effect on the Limestones and Sandstones Which Utilized in the Monumental Building and the Most Important Methods for Treatment and Conservation ».

The faculty of the Council approved on : 19/7/2003

The university president approved on : 9/8/2003 by delegation.

This certificate is issued upon his own request.

Specialist

Ramadan

Ramadan Sied Hamed



Registrar

heba

Heba Mahmoud Hanafy



Tarek

Controller

Azza

Azza Mahsoub Taha
19-5-2019



Dean

Gomaa Abdel-maksoud
19.5.2019

Prof. Dr.: Gomaa Mohamed Mahmoud Abd el-Maksoud

Maewa

Nahed Rashedy

Date : 19/5/2019

20-5-2019

20-5-2019





HELLENIC REPUBLIC

ARISTOTLE UNIVERSITY OF THESSALONIKI
School of Engineering
Department of Civil Engineering
Registrar's Office

Enquiries to: D.P. BESLEMES
 Telephone: 2310-995851
 e-mail: info@civil.auth.gr
 Civil Engineering Building

Fax: 2310-995862

Thessaloniki, November 19th, 2008
 Certificate no.: 964

This is to certify that,

Mr. HEMEDA SAYED, son of Mohamed,
 Originating from BENI SUEF, EGYPT

Having completed successfully the required exams prescribed by Law for the Ph.D. Degree, was deemed fit to be conferred upon the

Doctorate Degree (Ph.D.) with the General Grade: "Excellent"

and was announced a Dr. in Civil Engineering, Engineering School,
 on 18.11.2008

The present Certificate is being issued for foreign authorities and it is being signed by the Chairman of this Department, according to the Regulatory Decision under no.: 6440/08.10.2003 (Government's Gazette 157/27-20-2003, Bulletin B').

The Chairman of the Department of Civil Engineering,
 D. Aggelidis, Signature
 Professor

Seal of the Aristotle University of Thessaloniki – School of Engineering – Department of Civil Engineering

The authenticity of the signature of the aforementioned party, Mr. D. AGGELIDIS, is hereby certified.

Athens, November 21st, 2008

Sealed and signed by the Greek Ministry of Foreign Affairs

=====

Official Translation from the attached in Greek

Athens, November 27th, 2008The Translator, **At Rontiris**

Μεταφραστικό Γραφείο Υπουργείου Εξωτερικών, Αθήνα.

Bureau des Traductions du Ministère des Affaires Etrangères
de la République Hellénique, Athènes.Hellenic Republic - Ministry of Foreign Affairs
Translations Office, Athens.

جامعة أرسطو بسالونيك - اليونان

كلية الهندسة

قسم الهندسة المدنية

السكرتارية

سالونيك- اليونان ١٩ نوفمبر ٢٠٠٨
رقم الشهادة ٩٦٨
رقم الإيصال ١٥٣٦٧
٦ يورو

الاستعلامات : دج بيسليميس
رقم الهاتف ٢٣.٩٩٥٨٥١
رقم الفاكس : ٢٣١.٩٩٥٨٦٢
e-mail : info@civil.auth.gr
مبنى ١٠ امتدادا لكلية الهندسة المدنية

شهادة دكتوراه

سيد محمد حميدة

من مواليد بني - سويف - مصر

بعد اختباره للحصول على درجة الدكتوراه تم منحه درجة دكتوراه الفلسفة PH.D degree في الهندسة المدنية بدرجة ممتاز من قسم الهندسة المدنية بكلية الهندسة في ٢٠٠٨/١١/١٨ . حررت الشهادة الراهنة لتقديمها لدى السلطات الأجنبية و عليها توقيع رئيس القسم استنادا إلى القرار رقم ٢٠٠٣-١٠-٨/٦٤٤٠ الصادر من الوزارة (الجريدة الرسمية ٢٧/١٥٧٢-١٠-٢٠٠٣ الجزء الثاني)

رئيس قسم الهندسة المدنية

الأستاذ / ج- انجليديس

توقيع و ختم الجامعة

يلي تصديق من وزارة الخارجية اليونانية

الترجمة مطابقة للأصل المرفق المحرر باللغة اليونانية

أثينا تحريراً في ٢٧/١١/٢٠٠٨

المتترجمة الرسمية - أحد

- | المواد | تدرجة |
|--|-----------|
| ١- أهم الاختبارات و القياسات التجريبية المعملية و الحقلية | ١٠ (عشرة) |
| ٢- موضوعات خاصة في المواد الإثنائية | ١٠ (عشرة) |
| ٣- موضوعات خاصة في ميكانيكا التربة - تيناميكيا التربة و الهندسة الجيوتقنية | ١٠ (عشرة) |
| ٤- موضوعات خاصة في البيولوجية الهندسية | ١٠ (عشرة) |
- (التدرجات تتدرج من صفر- ١٠ و لى درجة نجاح ٦ و أقصى درجة نجاح ١٠)

لقد حصل المشار إليه أعلاه على درجة دكتوراه الفلسفة Ph.D degree في الهندسة المدنية في
٢٠٠٨/١١/١٨

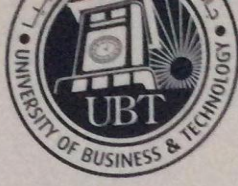
حررت الشهادة الراهنة لتقدمها لدى السلطات الأجنبية و عليها توقيع رئيس القسم استنادا إلى
القرار رقم ٢٠٠٣-١٠٠-٨/٦٤٤٠ الصادر من الوزارة (الجريدة الرسمية ٢٧/١٥٧٢-١٠-٢٠٠٣
الجزء الثاني)

رئيس قسم الهندسة المدنية
الأستاذ / ج- الجلينيس
توقيع و ختم الجامعة

بلى تصديق من وزارة الخارجية اليونانية

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ, ΥΠΟΥΡΓΕΙΟ ΕΞΩΤΕΡΙΚΩΝ
ΜΕΤΑΦΡΑΣΤΙΚΩΝ ΥΠΗΡΕΣΙΑ
REPUBLIQUE HELLENIQUE, MINISTERE DES AFFAIRES ETRANGERES
SERVICE DE TRADUCTION
HELLENIC REPUBLIC, MINISTRY OF FOREIGN AFFAIRS
TRANSLATION SERVICE

تصديق
الخارجية اليونانية
٢٠٠٨/١١/١٨



Certificate of Experience

This is to certify that **Dr. Syed Mohammed Syed Hemeda, Egyptian** with IQAMA ID: **(2374694988)** was employed as a full time **(Assistant Professor – CEIT – Civil Engineering)** and worked for an official **(35) hrs. Per week** at The University of Business and Technology from the date of **26/10/2014 to 26/10/2015**.

We found him to be of good moral character, and cooperative with his colleagues. This certificate has been issued upon his request, without any obligation on our part.

شهادة خبرة

تشهد شركة جامعة الأعمال والتكنولوجيا الأهلية المحدودة بأن الدكتور / سيد محمد سيد حميدة، مصري الجنسية، ويحمل رقم الإقامة: **2374694988**، قد عمل لدينا بوظيفة (أستاذ مساعد – كلية الهندسة وتقنية المعلومات – تخصص الهندسة المدنية) وأنه كان يعمل بدوام كامل وقد كانت ساعات العمل الرسمية الاسبوعية (35) ساعة ابتداءً من تاريخ **2014/10/26م** وحتى **2015/10/26م**.

كما تشهد الجامعة بأن المذكور كان حسن السيرة و السلوك خلال فترة عمله لدينا و متعاون مع زملائه. وقد أعطيت لها هذه الشهادة بناءً على طلبه دون أدنى مسؤولية على

الشركة.



مدير الجامعة

University Director

محمد علي العلوي

Prof. Hussein Moham...-Alawi

P.O. Box 110200 Jeddah 21361 Saudi Arabia

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السيد الأستاذ الدكتور / سيد محمد سيد حميده

نائب مدير مركز صيانة الآثار والمباني الأثرية والتاريخية
كلية الآثار - جامعة القاهرة

تحية طيبة .. وبعد ..

يسعدني أن أبعث لسيادتكم بخالص تهنئتي القلبية بمناسبة صدور قرار رئيس جامعة القاهرة بتعيين سيادتكم نائباً لمدير مركز صيانة الآثار والمباني الأثرية والتاريخية - كلية الآثار - جامعة القاهرة.

وأنة لمن دواعي سروري أن أعتنم هذه المناسبة الكريمة لأعرب عن أخلص التمنيات بمزيد من التقدم والتوفيق، داعياً الله عز وجل أن يسدد على طريق الخير خطاكم في خدمة مصرنا الغالية.

وتفضلوا سيادتكم بقبول فانق الاحترام ...

نائب رئيس الجامعة لشئون
خدمة المجتمع وتنمية البيئة

أ.د. سعيد يحيى ضو

٢٠١٦/١٠/١٥ م





اتحاد الجامعات العربية



الاتحاد العام للآثارين العرب تهنئة

بحصول سيادتكم على جائزة التميز الأكاديمي لعام ٢٠١٩

السيد الأستاذ الدكتور/ سيد محمد سيد محمد حميده... الموقر.

تحية طيبة وبعد،،،

يتشرف مجلس إدارة الاتحاد العام للآثارين العرب بجلسته رقم (٣٢) الذي عقد يوم الخميس الموافق ٢٧ محرم ١٤٤١هـ/ ٢٦ سبتمبر ٢٠١٩م، أن يحيط سيادتكم علماً بإستحقاقكم الفوز بجائزة الاتحاد للتميز الأكاديمي لعام ٢٠١٩م بإجماع الأراء، تقديراً لمكانتكم العلمية المتميزة وجهودكم الحثيثة في مجال ترميم وصيانة الآثار وما قدمتموه من بحوث ومؤلفات اسفرت عن نتائج علمية جديدة، و عليه يتشرف الاتحاد بتكريم سيادتكم ضمن فاعليات الجلسة الافتتاحية للمؤتمر الدولي الثاني والعشرين للاتحاد العام للآثارين العرب في تمام الساعة التاسعة صباحاً يوم السبت الموافق ١٢ ربيع الأول ١٤٤١هـ/ ٩ نوفمبر ٢٠١٩م بمقر الاتحاد بمدينة الشيخ زايد - الجيزة.

يرجى التكرم والتفضل بتأكيد استلام الدعوة وتأكيد الحضور.

وتفضلوا بقبول فائق الإحترام والتقدير ،،،

أ.د. محمد محمد الكحلاوي

أمين الإتحاد العام للآثارين العرب

ورئيس اللجنة المنظمة للمؤتمر



قرار رقم ١٣٥ بتاريخ ١٨/٧/٢٠١٩

عميد الكلية

بعد الاطلاع على القانون رقم ٤٩ لسنة ١٩٧٢ بشأن تنظيم الجامعات والقوانين المعدلة له .
وعلى تقرير اللجنة العلمية رقم ١٤ ج لترقية الاساتذة والاساتذة المساعدين والمنتهي إلى أن الانتاج العلمي المقدم من
السيد الدكتور / سيد محمد سيد محمد حميده الاستاذ المساعد بقسم ترميم الاثار بالكلية يرقى بسيادته إلى درجة استاذ
في ترميم الاثار تخصص عام ترميم الاثار تخصص دقيق الترميم الانشائي والمعماري للمباني والمواقع الاثرية
والتاريخية .
وعلى موافقة مجلس قسم ترميم الاثار بجلسته المنعقدة بتاريخ ٢٠١٩/٥/٥ على ما جاء بتقرير اللجنة العلمية رقم
١٤ ج لترقية الاساتذة والاساتذة المساعدين على ترقية سيادته لدرجة استاذ بالقسم .
وعلى موافقة مجلس الكلية بجلسته المنعقدة بتاريخ ٢٠١٩/٥/١٤ على ترقية سيادته وفتح اللقب العلمي لدرجة
استاذ حيث أنه لا توجد درجة شاغرة بالقسم .
وعلى قرار مجلس الجامعة بجلسته المنعقدة بتاريخ ٢٠١٩/٥/٢٦ .
وعلى قرار السيد الاستاذ الدكتور / رئيس الجامعة رقم ٨٦٦ بتاريخ ٢٠١٩/٧/٨ .

ق ر ر

اولا :- منح السيد الاستاذ الدكتور / سيد محمد سيد محمد حميده الاستاذ المساعد بقسم ترميم الاثار بالكلية اللقب
العلمي لدرجة استاذ في ترميم الاثار تخصص عام ترميم الاثار تخصص دقيق الترميم الانشائي والمعماري
للمباني والمواقع الاثرية والتاريخية اعتبارا من ٢٠١٩/٥/٢٦ (تاريخ موافقة مجلس الجامعة) .
ثانيا :- على الجهات المختصة تنفيذ هذا القرار كل فيما يخصه .

أمين الكلية
أ. نيفين حسن صادق

رئيس القسم
أ. سهير محمد بدوي

المختص
أ. حنان عبدالهادي عبداللطيف

عميد الكلية

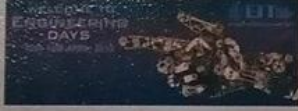
أ. د. جمعه منعم محمود عبدالمنصور

صورة مبلغة إلى :-

- الجهاز المركزي للمحاسبات
- رعاية العاملين بالجامعة
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- قسم ترميم الاثار بالكلية
- ارشيف الكلية للقيود والحفظ



صورة طبق الاصل
كادرفان
سيد محمد بدوي



خطاب شكر وتقدير

Letter of Gratitude & Appreciation

The College of Engineering & Information Technology at the University Of Business And Technology would like to express sincere gratitude and appreciation to Dr. / Sayed Hemedah, for his valued efforts and dedication he exerted in work and his help and contribution in the success of organizing the engineering Days.

This certificate is granted to him in recognition of his efforts, wishing him continued success.

Dean of Engineering and Information Technology College

D. Ammar Bin Sadiq Dahlan

تتقدم كلية الهندسة وتقنية المعلومات بجامعة الأعمال والتكنولوجيا
بجزيل الشكر والتقدير

للدكتور / سيد حميده ، على جهوده المتميزة وما قدمه من تقاني في
العمل ومساعدته ومساهمته في نجاح تنظيم أيام الهندسة.

وقد أعطيت له هذه الشهادة تقديراً لجهوده المبذولة متمنين له دوام
التوفيق والنجاح.

عميد كلية الهندسة وتقنية المعلومات

١٥/٤/٢٠١٥

د . عمار بن صادق دحلان

The book sheds on recent advances in Geotechnical Engineering with special emphasis on risk assessment and static seismic safety of monuments, mitigation strategies against damages from earthquakes and unfavourable environmental, geological and geotechnical effects. The analysis of the stability of these complex monuments under static and strong seismic loading. Together with other factors affecting material strength are the key factors for the efficient restoration and retrofitting of these structures.

Risk Assessment of Culture Heritage



Sayed Hemeda



Dr. Sayed Hemeda has obtained his PhD degree in earthquake Geotechnical Engineering, Aristotle University of Thessaloniki, Greece in 2008. He is a associate professor of Architectural Restoration of monuments in faculty of Archaeology, Cairo University, Egypt. His present research is focused on risk assess the and protection of culture heritage.

Risk assessment and protection of culture heritage



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Hemeda



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Proceedings of the 2nd GeoMEast
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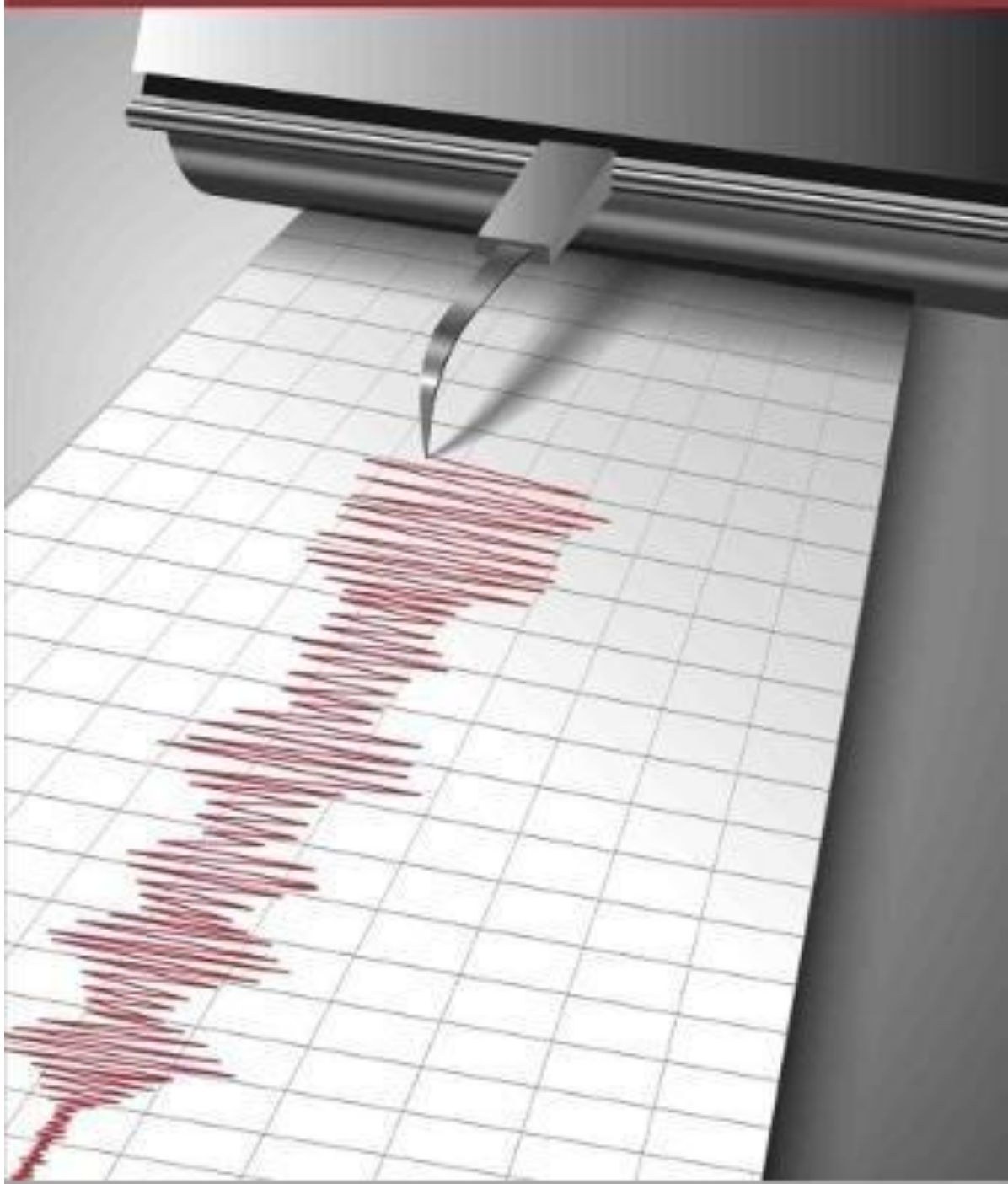
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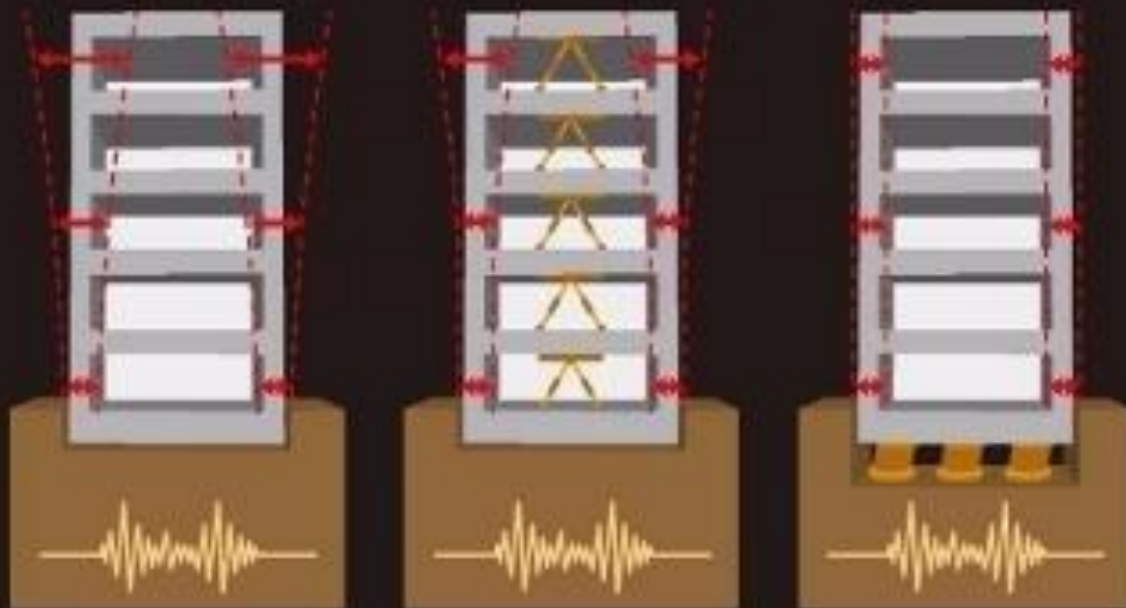
Seismology, Earthquake Engineering and Structural Engineering

Contributors: Sayed Hemeda, et al.



Encyclopaedia of Earthquake Resistant Structures: Design, Assessment and Rehabilitation

Contributors: Victor Corchete, Farhana Sarwar, Sayed Hemeda, et al.



Seismic Resistance

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