

Dr. Marc Ballouz

Bio-Data



Updated May 2022

www.mballouz.com

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MOTTO

Life is better when others are happier because of you

TITLES

President ISSMGE (Int'l Soc. for Soil Mech. & Geotech. Eng'g- 2022-2026)
Governor, Geo-Institute Board Member of ASCE (American Soc. of Civil Engr's- 2021-2022)
ISSMGE Board Member (Int'l Soc. for Soil Mech. & Geotech. Eng'g- 2013-2017)
Chair ISSMGE Board Level Committee for Public Relations (2009-2013)
President, International I.G.M. (Int'l Institute for Geotechnics & Materials- 1997- Present)
Member of Corporate Associate Presidential Group, CAPG, committee of ISSMGE (since 2012)
Senior Lecturer @ Texas State University (Spring 2022)
Professor @LU, LAU, NDU in Lebanon (1996-2006)
International Lecturer @ Conferences, Universities, Seminars, Eng'g Societies
Inventor (Patent Pending) of ROBUST Construction method

EDUCATION

Ph.D. in Civil Engineering (Geotech), May 1994, Texas A&M University,
M.Sc. in Civil Engineering (Geotech), May 1991, Texas A&M University,
College Station, Texas, U.S.A. GPA : 4.0/4.0
B.E. in Civil Engineering, July 1987, American University of Beirut, Lebanon.
Lebanese Baccalaureate Part I (Sc.) 1982 & Part II (Math Elem.) 1983,
College Notre Dame de Jamhour, Lebanon.

LANGUAGES

English, French, & Arabic. All well spoken and mastered in reading and writing.

FIELD OF EXPERTISE

<p>Forensics in Geotechnics & Civil Eng'g Foundation Design Special Foundation Systems Deep Foundations (Piles & Micropiles) Shoring Systems (Anchoring & Nailing) Retaining Systems & Wall Structures Foundations on Expansive Soils Soil Dynamics</p>	<p>Tunneling & Rock Mechanics Seepage & Consolidation On & Offshore Drilling Structure Reliability & Evaluations Structural Dynamics/Design Materials & Pavement design Infrastructures (Roads & Utilities) Geotechnical Site Investigations</p>
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**ISSMGE
President**

Since
May 2022

**International Society for Soil Mechanics & Geotechnical Engineering
ISSMGE**

President of the oldest and largest society for geotechnical engineering, founded by Karl Terzaghi in 1936, with more than 90 country members representing more than 40,000 geotechnical engineers worldwide.

Since May 2022, when I was elected president, I toured the world 4 times and visited more than 40 countries and attended about 200 conferences and events, both in person and online; giving technical keynote lectures and opening speeches, among other duties as president.

The details are presented in the attached Table.

**ENG'G
EXPERIENCE
Teaching**

23 Apr 2019
20 Sept, 13

- Senior Lecturer at Texas State University, San Marcos, teaching "Infrastructure Foundations"
- Invited Lecturer at the University Michigan at Ann Arbor, "Laterally Loaded Piles", Geotech Engineering faculty & students

2 Dec , 09

- Invited Lecturer at University of Texas, UT Austin, presenting "From Here to Real" 3 Case Histories & Lessons Learned, Geotech Engineering faculty & students

Sept 08- Jan 07

- Invited Lecturer at Texas A&M University, "Retaining Wall Failures & Lessons Learned" for Geotech Engineering graduate students.

Oct 01-Jan 07

- Professor, Notre Dame University, Loueize, Lebanon. Teaching Deep Foundations & Slope Stability, senior year in Civil Eng'g

- Professor, LU-Lebanese University (BII), Roumieh, Lebanon. Teaching the "Rock Mechanics", "Advanced Foundations" & the "Soil/Structure Interaction" courses, senior year in Civil Eng'g.

Jan 96-Jan 06

- Ass. Professor, LAU-Lebanese American University, Byblos, Lebanon. Teaching "Soil Mechanics" & "Foundation Engineering". senior year in Civil Eng'g

Jan 92-May 92

- Lecturer, Texas A&M Univ. Teaching "Soils in Construction" (CVEN 366). Principles of Soils Mechanics and its applications in construction. 4th year students in Construction Science major.

Sep 91-Dec 91

- Assistant Lecturer, Texas A&M University. Teaching "Introduction to Geotechnical Engineering" (CVEN 365). Geotechnical theories of soils including foundations, soil retention, slope stability, water seepage... 4th year in Civil Engineering major

Sep 89-May 90

- Teaching Assistant, Texas A&M University. Teaching the Lab of "Introduction to Geotechnical Engineering" (CVEN 365). Laboratory and In-situ testing of soils. 4th year in Civil Engineering major

**Consulting
&
Design
&
Contracting**

Since Mar 97

**Int'l Institute for Geotechnics and Materials
iIGM**

Owner, and General Manager- International Institute for Geotechnics & Materials (**International IGM**). A leading company based in LEBANON, with branches in Texas USA, and Lagos NIGERIA. Company has more than 200 employees operating with 5 divisions: *Investigation, Design, Contracting, Research & Computing*. The company has a fully equipped Lab and a sizable fleet of specialized equipment for Piling, Micropiling, Anchoring, Shotcreting, HP Injections, etc... Its reputation was acquired by innovative Design/Built solutions

Currently, the company is dedicated to consultancy expertise in foundation and forensic geotechnical engineering services for large and challenging structures and projects

Ref. Projects in Lebanon – > 100 Design/Build Contracts, listing few here:

Ainata Water Factory (Redesign of Foundation & Landslide retaining system),

Hadira Village (Special Foundation systems for 6 Buildings on an old landfill),

Villa Chidiac (Structural & Geotechnical Design with challenging spans),

GOODIES (Underpinning Design of an 8 story concrete bldg. to create 4 new basements);

TRABAUD (Deep Shoring & Excavation in tight environment 24m deep),

AUST (5 Bldg underpinning & CFRP strengthening),

CREDCO J Towers (Shoring 24m deep excavation);

Fouquet tower (Shoring 25m deep excavation in sand),

Saifi Attics (Shoring 22m deep excavation in tight environment & difficult water table conditions),

Zeino II tower (Shoring 16m deep excavation in sand),

Labaki Residences (remediation of 14m high 120m long retaining wall failure),

Alta Vista Tower (Uplifting 25 stories tower 1200T after terrorist bomb on major column),

**ENG'G
EXPERIENCE**

Since Mar 97

**Consulting
&
Design
&
Contracting**

CONTINUED

CONTINUED

Dennieh Cable-Stay Bridge & Rock Cliff (Geotech Expertise),
Chambre of Commerce- Tripoli (Shoring very large and 14m deep excavation),
Justice Palace- Tripoli (Shoring very large and 14m deep excavation),
Haygazian University (Underpinning historic facades & creating new basements using Micropiles),
Akkar 2 Tunnels on Interstate Highway (Piling with Top/Down Technique of Open Trench),
Sanita Factory (Innovative Micropiling Foundation Solution + Complete Concrete Construction),
Harissa Highway (Shoring, Permanent Shotcrete Nailed Walls + Construction of 4 Bridges),
Hilton Hotel (Shoring 4 basements with Special Dynamic Anchors to resist Implosion forces),
Lebanese Order of Physicians (Shoring 30m deep excavation with 15m below water level),
Levant Hospital (Shoring large and 22m deep excavation),
Sagesse University (Shoring large and 12m deep excavation with nailed shotcrete),
Zahrani Interchange (Deep Piling in clay for abutments and piers),
Wehbeh Bldg (Underpinning of existing footings to create new basements using Micropiles),
...etc...

Ref. Projects in USA :

Indevco Factory : Foundation Design in swamp area (Georgia- 2004)
Freeman Residence: Slope Stability Analyses (Waco Texas, 2006)
SPINAKEE 80 MW Windfarm: Geotech & Civil Evaluation(Randall, TX, 2009)
SPINAKEE 86 MW Windfarm: Geotech & Civil Evaluations (Oilton, TX, 2009)
RRE Solar Farm: Site Assessment, Geotech & Civil Evaluations (Manor, TX, 2010)
FOTOWATIO Solar Farm: Foundation Design Evaluation (TX, 2010)
SEABREEZE Wind Farm: Soil Exploration & Foundation Design (TX, 2010)
COMMANCHE Wind & Solar Farm: Site + Sodar Evaluation (TX, 2010)
CHOCTAW Solar Farm: Site Evaluation (TX, 2010)
WHITE RANCH WindFarm: Site Evaluation (TX, 2010)
STARWOOD Solar Farm- Geotechnical Exploration & Site Assesment (AZ 2011)
STARWOOD Solar Farm- Foundation Design & Cost Optimiztion (AZ 2011)
THE BACKYARD -Structural&Geotech Evaluation of Old Commercial Bldg (TX 2012)
455W19 Tower: Forensic Evaluation of a Leaning Building (New York- 2016)
CASTLE HILLS Famous Grafitti Wall- Slope Stabilization & Foundations(Austin- 2020)

Ref. Projects in NIGERIA :

YF Resid. Complex- 8 GERARD: Piling Analysis & expertise (Lagos, 2004)
ABOTO Bridge: Piling expertise, Analysis & Remediation (Ondo, 2005),
AMASOMA Bridge: Detailed Structural and Pile design of all piers (Ondo- 2006)
Okbia/Nembeh Highway: Evaluation ,Pavemt & Bridges (Ondo-2006)
Ondo Highway: Analysis & Remediation to Embankment Failure (Ondo- 2006)
Ondo Phase II + Ughelli Bridge Dualization (Ondo- 2007)
BANANA BAY Towers: Piling expertise & Analysis (Lagos, 2007)
LEKKI Mosque: Pile groups for 45m high minarets (Lagos,2007)
GLOVER 13: Design/Build Piling Foundation for residential tower (Lagos, 2008)
BANANA RESID II: Design/Build Piling Foundation for resid. Tower (Lagos, 2008)
ABENOMA Bridge: Evaluation of bridge failure (Port Hartcourt, 2009)
PETROSTAR Fuel: Remediation design of Jetty Failure (Port Hartcourt, 2009)
GERARD 6: Design/Build Piling Foundation for residential tower (Lagos, 2009)
NIPOST Lagos: Design/Build Piling Foundation for residential tower (Lagos, 2009)
GERARD 46: Design/Build Piling Foundation for residential tower (Lagos, 2010)
MERIDIAN HOTEL: Design/Build Piling Foundation Hotel extension (Lagos, 2010)
GERARD 21: Design/Build Piling Foundation for residential tower (Lagos, 2011)
ATLANTIC TOWERS: Design/Build Piling Foundation for office bldg. (Lagos, 2012)
OGUDU ISLAND: Design of Dredging/Subsidence control (Lagos 2012)
OGUDU MALL: Design of Micropiling Foundation with Downdrag (Lagos 2013)
TEMPLE 16: Design/Build Shoring & Foundation Systems (Lagos 2013)
MADINA OFF TOWER: Design Foundation System (Lagos 2013)
CRYSTAL TOWER: Design Shoring & Foundation Systems (Lagos 2014)
EKOATLANTIC LST: Design Shoring & Foundation High Rise Tower (Lagos 2014)
LE BUREAU: Design Shoring & Foundation Systems (Lagos 2014)
EKOATLANTIC SEA WALL- Design Review of Canal Entrance (Lagos 2015)
OTUNBA Office Tower – Foundation Systems (Lagos 2016)
ECOWAS Headquarter Building – Forensic Geotechnics & Struct (Abuja 2017)
DANGOTE PORT Storage Facility- Foundation systems (Lekki 2018)
DANGOTE REFINERY TWR Water Tank Value Eng'g (Lekki 2018)

**ENG'G
EXPERIENCE**

CONTINUED

Since Mar 97

CONTINUED

DANGOTE REFINERY COOLING TOWERS-Foundation optimization (Lekki 2018)
DANGOTE Fertilizer Jetty 400x52m Deck on Pile system MEGAPROJECT (Lekki 2019)
DANGOTE Onne Cement factory Jetty Strengthening (Port Harcourt 2019)
LAFARGE Evacuation Road 20km & 2 Bridges, Evaluation & Repair (Calabar 2020)

Other International Consultancy & Forensic Missions :

INDEVCO Factory: Footings for Dynamic Generators (**KSA**- 2003)
SHEIKH ALLAH MALL Mall & Towers: Soil & Piling expertise (**Iraq**- Irbil, 2004)
HOMAN Village: Foundation Systems for 50 villas (**Djibouti**- 2006)
POINTE DU HOC MUSEUM: Analysis & Expertise on Erosion & Cliff Stability (**France**- 2006)
AUDI Bank: Geotech & Structural expertise on old bldg (**Syria**- Halab, 2006)
SOMA 120MW Windfarm: Site Assessment, Civil Works (**Turkey**- Izmir, 07)
ALAPE Bridge: Complete Structural and Pile design (**Nigeria** - 2007)
JEDDAH Sewage Network: Design & Analysis of 30m deep shafts (**KSA**- Jeddah,07)
Other International Consultancy & Forensic Missions (Continued):
Masri Eng'g: Geotech & shoring expertise (**Emirates**- Abu Dabhi ,2008)
PALIN Dams: Design Review for 2 DOD Dams (**Afghanistan**, 2009)
DAHABSHIL Bank: Soil & Site Evaluation for Office tower (**Djibouti** 2011)
QATAR RAYYAN ROAD: Design shoring for 3 underpasses (**Qatar**-2012)
COMMON SEAWATER SUPPLY: Peer review of geotech studies (**Iraq** 2014/15)
HILTON Hotel: Design of Shoring & Pile Foundation System (**Cameroon**-2015)
SEAWATER PLANT – Geotech Peer Review for the Delta Oil Fields (**Iraq**-2016)
CELLECTIS- Evaluation & Redesign of Structural Renovation (**France** 2019)

Since Jan 2014

- Consultant for RCF Foundation & Piling company in Lagos Nigeria. RCF is specialized in deep piling works, utilizing both CFA & Bentonite drilling technologies

Apr 08 -Jan 2015

- Partner, & Director, IGM/Nigeria. This company is a branch of Int'l IGM, and a child company to a large group **YF construction** based in Lagos , Nigeria. IGM/Nigeria is specialized in deep piling works, utilizing both CFA & Bentonite drilling technologies.

Aug 96-Feb 97

- Owner, Partner, BKS Consultants. Establishing a new consulting firm that offers professional geotechnical services. Expertise in Non Destructive Testing (NDT) of Foundations.

Feb 95-Jan 97

- Project Manager, with Entreprise E. Acar, Residential center with 35 apartments, 4m\$ turn key project.
- Site Manager, Entreprise E. Acar. Main contractor of the Jounieh-Bkerke-Harissa highway. 22m\$ project with works involving, but not limited to: 2 reinforced concrete bridges, 2 cut & fill tunnels, 6km cantilever retaining walls, excavations, drainage systems, 12km pavement with the entire infrastructure

Mar 94-Jan96

- Project Engineer, ATSER Eng'g Company, Houston TEXAS USA. Design, consulting, and inspection of many residential and industrial projects. Studies included without being limited to: site investigations, trenching, foundations, slope stability, retaining walls, with complete geotech reports.

- Manager of Software Development Group, ATSER. Development of computer software for engineering and other applications.

Mar 92

- Pressuremeter testing with Briaud Engineers, 80m. underground at the Superconducting Super-Collider project in Waxahachie, Texas.1992

Jun 87-Aug 88

- Construction management with Entreprise E.Acar, General Contractors.

**Research &
Continuing
Education**

1997-2008

- Applied research with IGM research Division. Energy Geotechnics, Monitoring data, Development of ISST, Supervision of Academic research projects for graduating students at UL and LAU. Full scale testing on actual projects

Jan 2018

- **ROBUST** presentation – order of engineers Beirut Lebanon

Feb 2018

- **ROBUST** presentation – order of engineers Tripoli Lebanon

Feb 2018

- **ROBUST** presentation – Balamand University Koura Lebanon

Jul 2017

- **Keynote Lecturer**, “Case Histories in Geotechnical Applications“, GEOMEAST Conf , Sharam el Sheikn , Jul 15-19, Egypt

Sept 2017

- **ISSMGE Board meeting** ICSMGE 2017 – 19th Int'l Conference on Soil Mechanics & Geotechnical Engineering , Sept 17-20, 2017, Seoul, Korea

Sept 2017

- **Keynote Lecturer** – “Marriage between Theory & Practice in Geotechnical Engineering”, Geotechnical Society , Sept 22, 2017, Tokyo, Japan.

Aug 2016

- **Keynote Lecturer** & ISSMGE Board meeting – Vth Young Geotechnical Engineer Conference, August 9 to 13, in Kumasi, Ghana

Feb 2016

- **ISSMGE** Board meeting – Geotechnical & Structural Engineering Congress, in Phoenix Arizona, Feb 14 to 17, 2016, USA

Sept 2015 - **ISSMGE** Board meeting - *XVI ECSMGE* conference Edinburgh, Scotland 2015
Feb 2015 - **ISSMGE** Board meeting– *Geomechanics & Human Influence* conference in Wellington, 23/24 Sept , 2015 , New Zealand
Sept 2014 - **ISSMGE** Board meeting - *XVII Brazilian Congress of Soil Mechanics and Geotechnical Engineering* – Goiania, Brazil
March 2014 - **ISSMGE** Board meeting –*Rankine Lecture – Imperial College* – London UK
May 2011 - **Attendee** & IGM Exhibitor, booth 2986, AWEA Windpower Conference, Anaheim California, May 22, 2011
March 2011 - **Attendee** & IGM Exhibitor, booth 521, GEOFRONTIERS Conference, Dallas Texas, March 13 to 16, 2011
June 2010 - **Attendee** GEO-MOS Conference, Geotechnical Challenges in Megacities, Moscow , June 6, 2010
April 2010 - **REMITUF™** “Reticulated Micropile Turbine Foundations” an ongoing research & product trademark development targeting the Windfarm industry
Oct, 2009 - **Attendee** at the *ISSMGE’ XVIIth Int’l Conference on Soil Mechanics & Geotechnical Engineering*, Alexandria, Oct. 5-9, 2009

**ENG’G
 EXPERIENCE
 Research &
 Continuing
 Education
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June, 2007 - **Attendee** & paper presentation at *First North American Landslide Conference*, Vail, Colorado, USA, June 4-8, 2007
Nov, 2006 - **Workshop** on *PLAXIS* Finite Element software for Soil & Rock Mechanics, BAT Concept at Grand Gabriel Hotel, Adonis, 2006
Sept. 2005 - **Attendee** & Speaker at *Tenth Multidisciplinary Conference on Sinkholes and the Engineering and Environmental Impact of Karst TM*, San Antonio, Texas USA, Sept. 24-28, 2005
May 2004 - **Workshop** on *PLAXIS* Finite Element software for Soil & Rock Mechanics, Lebanese Order of Engineers, Beirut, 2004
May 2004 - **Attendee** and Exhibitor at *GeoBeirut, Int’l Conference of Geotechnical Engineering*, Beirut, May19-22, 2004
April 2004 - **Attendee** of the *Vth Int’l Conference on Case Histories in Geotechnical Engineering*, New York, April 13-17, 2004
May 2002 - **Attendee**, Presenter & Publisher at *JLG Journee Libanaise de Geotechnique*, Lebanese University, Roumieh, May 8, 2002
Aug 2001 - **Attendee** of the *XVth Int’l Conference on Soil Mechanics & Geotechnical Engineering*, Istanbul, Aug 27-31, 2001
Nov. 2000 - **Committee** Member, Lebanese Order of Engineers, for preparing the new guidelines for geotechnical requirements in Lebanon
Jan 94 - **Research** Project Manager, “WAK tests (NDT) on five full scale footings on sand”, *Settlement 94 ASCE Specialty Conference*, Texas A&M, June 16, 94
June 92-Dec 93 - **Research** Assistant, Ph.D Dissertation; with Prof. J.L.Briaud, Texas A&M University. Development of a new non-destructive test LATWAK, to predict the lateral stiffness of piles.
Jul 92-Sep 93 - **LATWAK** Tests and Lateral Static Load Tests on 22 full scale piles (different types & shapes) in Texas, New Orleans, and Edmonton Canada
Jan 92 - **Speaker** at the Transportation Research Board, **TRB**, 71st. Annual Meeting, session 174, January 13, 1992.
Nov 90-Aug 91 - Research Assistant, Texas A&M University. Construction, and static and dynamic testing of 9 drilled concrete piles at the Texas A&M National Geotech Sites.
Jan 89-May 91 - Research Assistant, M.Sc Thesis with Prof. L. Thompson @ Texas A&M University. New computational method to design trench supports

AFFILIATION

May 2022 President ISSMGE candidate (Int’l Society for Soil Mechanics & Geotechnical Engineering)
2021-2022 Governor. Board Member of the Geo-Institute of ASCE (American Society of Civil Engineers)
2013-2017 ISSMGE Board Member (Int’l Society for Soil Mechanics & Geotechnical Engineering)
2012-2013 Chair – Public Relations Committee, ISSMGE
2009-2012 Vice-Chair of Innovation & Development Board Committee, ISSMGE
Since 2017 Member of LARP (Lebanese American Renaissance Partnership)
Since 1993 Member of ASCE (American Society of Civil Engineers)
Since 1993 Member of the Geo-Institute (US National Geotechnical Society)
Since 1993 Member of *Phi Kappa Phi*, $\phi\kappa\phi$, Honor Society
Since 1988 Member of Lebanese Order of Engineers & Architects
Since 1992 Member of ALPA, Associat. of Lebanese Professionals in America
Sept 1996 Jury at the Lebanese University, Civil Engineering graduating project
Sept 1996 Jury at the AUST , Engineering Final Projects (Beirut Lebanon)
Since 1978 Member of Lebanese Forces Party
Jan91-Jan93 Geotech Graduate Student Representative at Texas A&M University
March 86 First Aid training with the Lebanese Red Cross

AWARDS & HONORS

- Aug. 2023** Buchanan Lecturer in Geotechnical Eng'g , TAMU
Aug. 2017 Recipient of 2 Medals of Appreciation, Harris County Houston Texas, 1 from the Sheriff Department, and 1 from the Fire Department, for joining Eng'g Search & Rescue during the Harvey Floods
Sept. 2013 -Recipient of ISSMGE prestigious Public Relations Award ([here](#)), at the 18th ICSMGE (Int'l Conference of Soil Mechanics & Geotechnical Eng'g), Paris, Palais des Congres, France
Aug. 1994 -Recipient of ATSER Technical Achievement Award for a successful mission in court as a geotechnical expert witness (Houston TX)
May 1986 - Gold Medalist in Trap Shooting at the inter-university championship of Lebanon
Feb. 1986 - Bronze Medalist in Snow Skiing at the inter-university championship of Lebanon
Apr. 1985 - Recipient of Trophy for second place in Lebanese Championship of Modern Dance

COMPUTER Skills

- Programming Systems** Extensive knowledge with products shown below
Windows, MAC, Internet, DOS
Drawing Autocad, Corel Draw, Sketchup, and Paintbrush
Word-processing Microsoft Word
Spreadsheets Microsoft Excel
Engineering PLAXIS, GROUPV7, DeepEXCAV, RIDO, TALREN, SNAILZ, SODA, PRIMAVERA, (+list below) Any software is welcome ...

COMPUTER Developed Software

- LATWAK** Dynamic simulation and stiffness of laterally loaded piles
TRENCH 1.0 Design of braced excavations
WELPLAN Planning of horizontal and directional Drilling for deep wells
GRAN Design of Ground Anchors
SLABON 1.0 Design of Prestressed Slab-on-Grade foundations
MBDH Macros Excel for designing structural and geotechnical elements

PUBLICATIONS & REPORTS

- Since 1997** Int'l IGM, more than 200 Design & Consultancy & Investigation, Eng'g Reports
Jan 2018 YOUTUBE - "ROBUST Solution for Traffic in Jounieh, Lebanon"; youtube video:
Dec 2016 WEBINAR –"Challenges in Shoring Deep Excavations in Urban Areas" Published on the ISSMGE website as part of a Series of Webinars from Int'l Experts.- Dec 13, 2016.
Aug 2013 "What is Geotechnical Engineering" highest traffic on internet search engines !
- YOUTUBE video: <http://www.youtube.com/watch?v=uEIPkghqJw>
- INTERNET website: www.whatisgeotech.org
April 2013 -Magazine Article "The Hidden Treasures of Geotechnics", *Science Omega Europe* magazine, issue 1, United Kingdom, April 2013
June 2007 - "How the 'Bireh' Landslide Quit Moving", technical paper, ASCE Special Publication, *First North American Landslide Conference*, Vail, Colorado, USA, June 3-8, 2007
Sept. 2005 - "Micropiling in Karstic Rock: New CMFF Foundation Solution Applied at the Sanita Factory", technical paper, ASCE Special Publication, *Tenth Multidisciplinary Conference on Sinkholes and the Engineering and Environmental Impact of Karst TM*, San Antonio, Sept. 24-28, 2005
April 2003 - "Improving Safety in Rock Engineering by Avoiding Common Mistakes", paper, *Al Mouhandess*, the official semestrial magazine of the Lebanese Order of Engineers, Beirut, Lebanon
Apr 2002 - "ISST: In-Situ Shear Test for Soil Investigations", technical paper, *JLG Journee Libanaise de Geotechnique*, Lebanese Univ., Roumieh, May 8, 2002
Mar 2002 - "Structural Evaluation and Strengthening Strategy for a Reinforced Concrete Commercial/Residential Complex in Northern Beirut", Proceedings of the RTST 2002 Int'l Conference, Leb.Amer.Univ, March 4-6, 2002, Beirut, Lebanon
Feb 2002 - "Defects and Length Predictions by NDT Methods for 9 Bored Piles", technical paper, *ASCE Special Publication: International Deep Foundations Congress*, Orlando , Feb 2002
Jul 2000 - "Static Capacity Prediction by Dynamic Methods for Three Bored Piles", technical paper, *ASCE Geotechnical Journal*, Jul 2000
Jun 1996 - "LATWAK: A Test to Predict the Lateral Stiffness of Piles", a technical paper, *ASCE Geotechnical Journal*, June 1996.
May 1994 - "LATWAK: An Impact Test to Predict the Lateral Static Stiffness of Piles", *Ph.D. Dissertation*, Civil Engineering, Texas A&M University.
Jan 1995 - "WAK Tests On Five Full-Scale Footings in Sand", *Research Report*, Civil Engineering, Texas A&M University.
Sep 1993 - "LATWAK, User's Manual" *Computer Program Manual*, Civil Engineering, Texas A&M University.
Aug 1993 - "TRENCH-1.0-, User's Manual" *Computer Program Manual*, 2nd Edition, Civil Engineering, Texas A&M University

- Aug 1991** - "Dynamic and Static Testing of Nine Drilled Shafts at Texas A&M University, Riverside Campus", *Research Report*, Civil Engineering, Texas A&M University and TRB January 1992.
- May 91** - "Design of Trench Supports", *M.Sc. Thesis*, Civil Engineering, Texas A&M University.

ACTIVITIES

Sports (Crossfit, soccer, skiing,...), Outdoors (Boating, Paragliding, Rappelling, Biking, Hiking, Hunting, Kayaking), Exotic Cars & Racing Driver, Computer Programming, Reading, Dancing, Listening to Soft Music & Classic Rock...



BIRTH & NATIONALITY

Born in July 1965 – Holds the Lebanese & US citizenship
Currently residing in Texas USA

FAMILY STATUS

Married (1993 - 2018) to Hala (M.Sc. Electr. Power.Eng'g from TAMU), Owner & president of a very successful consulting company EPE Electric Power Engineers with more than 100 engineers, specializing in consulting of power generation design & transmission, & renewable energy www.epeconsulting.com

Growing with 2 Beautiful Children:

Ronald (96) BSc in Elect. Eng'g & Math from UT Austin, MSc.in Electronic Nanotechnology from UCSB ,
currently teaching at AUB

Christina (98) Environment Activist, Majoring in Sociology & Environmental Sc – TAMU & AUB

SUMMARY LIST OF ISSMGE PRESIDENT ACTIVITIES (2022-2026)

	Month	Day	Activity / Event attended by President	Location
1	May-22	1-5	Elected ISSMGE President @ the 20th ICSMGE	Sydney, Australia
2		17	Meeting the Nigerian Geotech Society	Lagos, Nigeria
3		20	Meeting the Egyptian Geotechnical Society	Cairo, Egypt
4		25	1st ISSMGE Introduction Board Meeting	(Virtual / Online)
5		27	Meeting the Lebanese Geotechnical Eng'g Society	Beirut, Lebanon
6	Jun-22	5	Issuing 2 BSL Awards (for Korea, Sept 19-23,2022)	(Virtual / email)
7		6	Issuing 2 CAPG Papers Awards (DAR/RockScience , TENSAR)	(Virtual / email)
8		16	Meeting the British Geotech Association	London, England
9		17	Recording the 1st IITT on Tailings TC 221	(Virtual / Video)
10		18	Mtg the French Committee for SM & GE Geotech Association	Paris, France
11		20	Mtg the Council of the Asian Region	(Virtual / Online)
12		21	Meeting the Austrian Geotech Society	Vienna, Austria
13		22-25	Opening Conference Vth Symposium MAG and Keynote	Ohrid, N. Macedonia
14		26	Meeting the Turkish Geotechnical Society	Istanbul, Turkey
15	Jul-22	2	ISSMGE Structure Finalized & Distributed	(virtual / email)
16		13-15	Opening Conference XXVII CNG and Keynote Lecture	Reggio-Calabria, Italy
17		21	Meeting the HTC P team & Updating with Romania's Work	(Virtual / Online)
18	Aug-22	4	Meeting the LGES to prepare a conference for 2025	Beirut, Lebanon
19		22-24	Opening Conference ABMS and Keynote Lecture	Campinas, Brazil
20		30	Opening the Conference on Offshore Geotechnics	Austin, TX, USA
21	Sep-22	4	2nd ISSMGE Board Meeting	London, England
22		14-17	Opening Conference on Env. Geotechnics and Keynote	Izmir, Turkey
23		17	Meeting the HTC P team with 19 participants	(Virtual / Online)
24		20	Meeting the LGES to prepare a conference for 2025	Beirut, Lebanon
25		21	1st FedIGS Board Meeting	(Virtual / Online)
26	Oct-22	Summer Month connecting with ISSMGE VPs and Board members to be in synch		
27	Nov-22	4	Issuing 2 BSL Awards (for Australia, Nov 24, 2022)	(Virtual / email)
28		4	Issuing 2 BSL Awards (for Pakistan, Dec 8-9, 2022)	(Virtual / email)
29		7	Recording the 2nd IITT on Nuclear Waste TC 310	(Virtual / Video)
30		8 - 9	Opening National Conference & Keynote	Jakarta Indonesia
31		9	Issuing 3 BSL Awards (for Indonesia, Nov 8-9, 2022)	(in person)
32		11	Meeting the Japanese Geotechnical Society & Lecture	Tokyo , Japan
33		15	Keynote lecture at UNAM Univ.	Mexico City, Mexico
34		17 - 19	Opening National Conference & Keynote	Guadelajara, Mexico
35	29	Recording the 3rd IITT on GeoThermal Energy TC 308	(Virtual / Video)	
36	Dec-22	1 - 2	3rd ISSMGE Board Meeting	(Virtual / Online)
37		3	Meeting ~90 Colleagues from Arab Peninsula (New Members)	(Virtual/ Online)
38		8	Opening Remarks at Int'l Conference (Lahore, Pakistan)	(Virtual/ Video)
39		16	Recording the 4TH IITT on GeoEnvironemental Eng'g TC 215	(Virtual / Video)
40		14-17	Opening National Conference & Keynote Lecture	Kochi , India
41	Jan-23	10	Opening & Keynote - 2nd Int. Conf. on ACE Forensic Eng'g , Seoul	(Korea/Virtual)
42		12	Meeting with HTC project team	(Virtual/ Online)
43		12	Meeting chair of XVIII ECSMGE to solve the publication issues	(Virtual/ Online)
44		24	Mtg the French Committee for SM & GE Geotech Association	Paris, France
45		26-27	Opening Conference on Env. Geotechnics and Keynote	Sofia, Bulgaria
46		31	Meeting with AWAC committee (Loretta)	(Virtual/ Online)

47	Feb-23	1	Meeting with Albrion Symonette to start a new Society in Bahamas	(Virtual/ Online)
48		2	Launching CA video with Xantus (Walter P)	(Virtual/ Online)
49		3	Meeting with CAPG committee (Peter Day)	(Virtual/ Online)
50		8	Release of the Communique about the Earthquake in Turkey	(Virtual/ Online)
51		9	Meeting XANTUS for the CA video	(Virtual/ Online)
52		15	Meeting committee (4 VPs) for new secretary	(Virtual/ Online)
53		22	Interview the Candidates for Secretary General	(Virtual/ Online)
54		27	Meeting to activate TC 207 new structure (Marcelo)	(Virtual/ Online)
55		28	Meeting with TOC and TC chairs for overall evaluation	(Virtual/ Online)
56		Mar-23	1	Meeting with TOC committee (Marcelo S)
57	2		Meeting with IDC committee (Jennifer N)	(Virtual/ Online)
58	4		Production of Final Version of CA Video	(Virtual/ Online)
59	4		4th ISSMGE Board Meeting	Hurghada, Egypt
60	5		Keynote Lecture at ICASGE'23 with ISSMGE Board	Hurghada, Egypt
61	9		Recording the 5th IITT on Sustainability TC 307	(Virtual / Video)
62	23		Meeting PIC & AWAC to create Hall of Fame	(Virtual/ Online)
63	24		Meeting with FARRER & CO, Neil & Graham, for ISSMGE Incorporation	(Virtual/ Online)
64	27		Opening GEOCONGRESS Conference	LA, California
65	28		Attending the GI Terzaghi Dinner with VP W Paniagua	Los Angeles, California
66	Apr-23	10	Budget Preparation with Graham (see the new budget)	(Virtual/ Online)
67		10	Recording the 6th IITT on Unsaturated Soils TC 106	(Virtual / Video)
68		11	Meeting HTC on TEAMS to launch the new website	(Virtual/ Online)
69		14	Attending the REESE Lecture at UT University Texas	Austin Texas
70		14	Meeting JTC1 new chair	(Virtual/ Online)
71		18	Meeting McKay's Legal & Financial Advisor	(Virtual/ Online)
72		20	Attending Sri-Lankan Geotech Society Project Day	(Virtual/ Online)
73		27	Meeting CAPG team	(Virtual/ Online)
74	May-23	3	Launching CA video with Xantus (Walter P)	Zagreb , Croatia
75		5	Keynote Lecture at SISAK 2023 conference	Sisak, Croatia
76		9	Meeting AWAC for organizing the ILAM selection process	(Virtual / Online)
77		11	Meeting Xantus for second Member Society Video	(Virtual / Online)
78		16	Meeting GGSME Legal advisors	(Virtual / Online)
79		18	5th ISSMGE Board Meeting	(Virtual / Online)
80		24	Meeting the LGES to prepare a conference for 2025	Beirut, Lebanon
81	Jun-23	7 - 10	Attending 17 DECGE & Keynote Lecture	Bucharest , Romania
82		16	Board meeting to select the 2 ILAM recipients	(Virtual/ Online)
83		21	Inaugural Presentation at the BGA Annual Conference	London, England
84		23	Recording the 7th IITT on Historic Sites TC 301	(Virtual / Video)
85		25 - 28	Opening & Keynote Lecture at 9 ICEG Chania	Crete, Greece
86	Jul-23	6	Keynote Lecture at ACTEA Conference @ NDU	Zouk, Lebanon
87		8	Recording the 8th IITT on Reinforced Fill Structures TC 218	(Virtual / Video)
88		11	Meeting the GeoWB team	(Virtual/ Online)
89		12	Meeting the KSA Eng's to create a National Society	(Virtual/ Online)
90		19	Meeting the CHAD Eng's to create a National Society	(Virtual/ Online)
91		24	Meeting the HTC team preparing for ASTANA conference	(Virtual/ Online)
92		Aug-23	12	6th ISSMGE Board Meeting
93	13		MidTerm Council Meeting , ILAM medal to Pr. Taylor	Astana, Kazakhstan
94	14		Keynote Lecture at 17 ARC Conference	Astana, Kazakhstan
95	29		Meeting the HTC team designing the new website	(Virtual/ Online)
96	30		Recording the 9th IITT on Machine Learning TC 309	(Virtual / Video)
97	31		Meeting the LGES team preparing Pan-Mediterranean Conference	Beirut, Lebanon

98	Sep-23	5	Director's Cut Interview of the Geo-Institute	(Virtual/ Online)
99		12	Meeting to release the Final Version of the ISSMGE Members Video	(Virtual/ Online)
100		17	Attending/Opening the 12ICG Conference in Roma	Rome, Italy
101		18	Recording the 10th IITT on Field Monitoring TC 220	(Virtual / Video)
102		19	Presenting the ILAM medal to Jamiolkowski's family at 12ICG	Rome, Italy
103		25	Attending/Opening the Symposium honoring A. Coulomb	Paris, France
104	Oct-23	5	Mtg Preparing the Venue for the 1st Pan-Mediterranean Conf.	Beirut, Lebanon
105		9	2nd FedIGS Board Meeting (in Person)	Salzburg, Austria
106		11	Recording the 11th IITT on Observational Methods TC 206	(Virtual / Video)
107		13	7th ISSMGE Board Meeting	(Virtual / Online)
108		20	Presenting the 30th Buchanan Lecture	College Station / Texas
109		30	8th ISSMGE Board Meeting	(Virtual / Online)
110	Nov-23	14	Recording the 12th IITT on Physical Modelling TC 104	(Virtual / Video)
111		22	Opening/Keynote at the Turkish Symposium on Forensic Geotechs	Istanbul / Turkey
112		30	Opening/Keynote at the GeoSS /MGS geotech conference	Singapore
113	Dec-23	6	Opening/Keynote at the 1st National conference PSSMGE	Quezon / Philippines
114		12	Visiting Lecturer at the HKUST Univ.	Hong Kong
115		14	Opening/Keynote at Geotec Hanoi 5th International Conference	Hanoi / Vietnam
116		14	Recording the 13th IITT on Lab Critical State Mechanics TC 101	(Virtual / Video)
117		14	Interview for GeoWorld Business Directory	(Virtual / Online)
118	Jan-24	8	Meeting to improve Education Section at Virtual University	(Virtual / Online)
119		9	HTC meeting for new website design	(Virtual / Online)
120		9	Meeting with Dr. M Ezzat to promote New Society in KSA	(Virtual / Online)
121		11	Meeting with VP Asia & Indian GS for their Terzaghi Lecturer	(Virtual / Online)
122		11	Meeting new Bulletin Team to Revamp it	(Virtual / Online)
123		12	Meeting with LGES Board to prepare for the PMGEC 2025	Dbayah, Lebanon
124		19	Meeting with Dr Hamzah & Dr. Marwan to promote Nat. Soc. In UAE	(Virtual / Online)
125		20	Meeting with RK president of Canadian Geotech Society	(Virtual / Online)
126		24	Lunch with AUB Provost to prepare a seminar for 3VPs	Beirut, Lebanon
127		26	9th ISSMGE Board Meeting	(Virtual / Online)
128		27	Meeting with VP Asia for Indian Terzaghi Orator	(Virtual / Online)
129		30	Lunch Meeting with 1st PMGEC organizers	Jdeideh/Lebanon
130		30	Recording the 14th IITT on Transportation Geotechnics TC 202	(Virtual / Video)
131	Feb-24	1	Opening at 14th Austrian Geotechnical Conference	Vienna / Austria
132		15	Launching the ISFMG 2926 Website at IIT Indore	(Virtual / Online)
133		15	Meeting the ISSMGE Bulletin Editors	(Virtual / Online)
134		28	Recording the 15th IITT on Offshore Geotechnics TC 209	(Virtual / Video)
135	Mar-24	5	Meeting the TCs Chairs - TOC meeting	(Virtual / Video)
136		6	Meeting the TCs Chairs - TOC meeting	(Virtual / Video)
137		7	Recording the 16th IITT on Dykes & Levees TC 202	(Virtual / Video)
138		8	Meeting the ISSMGE Bulletin Editors	(Virtual / Online)
139		20	Launching the new Bulletin issue 1 vol 18	(Virtual / Online)
140		20	Special Council Meeting	(Virtual / Online)
141	Apr-24	2	Meeting HTC Design Team	(Virtual / Online)
142		18	Meeting for ISSMGE Incorporation	(Virtual / Online)
143		19	Meeting the ISSMGE Bulletin Editors	(Virtual / Online)
144		23	Recording the 17th IITT on Geotech. BIM & Digital Twins TC 221	(Virtual / Video)
145		23	Meeting the Xantus for ISSMGE animation	(Virtual / Online)
146		24	Meeting the IDC for ISSMGE app	(Virtual / Online)
147		25	Opening ICGE Tunis Conference	Virtual

148	May-24	1	3rd FedIGS Board Meeting (in Person)	Toronto, Canada	
149		1	Joining the Closing dinner of GeoAmericas conference	Toronto, Canada	
150		7	Meeting HTC Design Team	(Virtual / Online)	
151		9	Meeting Xantus to discss new ISSMGE Logo	(Virtual / Online)	
152		10	Meeting LGES to prepare the PanMed conf	Beirut, Lebanon	
153		21	Recording the 18th IITT on Geo-Engineering Education TC 306	(Virtual / Video)	
154		25	10th ISSMGE Board Meeting	Shanghai, China	
155		27	Opening of GeoShanghai Geotechnical Conference	Shanghai, China	
156		30	Creating the GeoWB whatsapp Group	(Virtual / Online)	
157		30	Launch the GeoAsia new Logo and Website	(Virtual / Online)	
158		Jun-24	7	Meeting INFOMED to prepare the PanMed conf	Beirut, Lebanon
159			11	Meeting HTC Design Team	(Virtual / Online)
160			15	Organizational meeting for 18th ARCSMGE	(Virtual / Online)
161			17	Opening of ISC7 conference Barcelona	Barcelona, Spain
162	24		PMGEC meeting with INFOMED	Beirut, Lebanon	
163	25	Recording the 19th IITT on Numerical Methods TC 103	(Virtual / Video)		
164	Jul-24	3	Closing of National ProGeotech 2024 conference	Warsaw. Poland	
165		4	Opening of 5th EGRWSE 2024 conference	Warsaw. Poland	
166		15	ILAM selectiion of Winners by ISSMGE Board	(Virtual / Online)	
167		20	CAC meeting preparing the 18th ARCSMGE	(Virtual / Online)	
168		25	Meeting at Phoenicia Hotel & Venue Preparing the PMGEC	Beirut, Lebanon	
169		31	Meeting at INFOMED Preparing PMGEC Budget, Video, Website	Beirut, Lebanon	
170	Aug-24	13	11th ISSMGE Board Meeting	(Virtual / Online)	
171		21	Meeting PMGEC Organizing Committee	Beirut, Lebanon	
172		24	Opening of XVIII ECSMGE 24 Conference	Lisbon, Portugal	
173	Sep-24	2	meeting with Mandip (President of Nepal Geotech Society)	(Virtual / Online)	
174		4	Recording the 20th IITT on Scour & Erosion TC 213	(Virtual / Video)	
175		9	Meeting the new Publication Oversight Committee POC	(Virtual / Online)	
176		11	Deliver the ILAM Medal to Prof. N Morgenstern	Calgary, Canada	
177		15	Meeting the CGS Board (Canadian Geotech Society)	Montreal, Canada	
178		16	Opening & Keynote @ GeoMontreal 2025	Montreal, Canada	
179		19	Opening & Keynote @ NGM 2024 (Nordic Geotech Meeting)	Gothenburg, Sweden	
180		20	Visiting Lecturer at NGI (Norwegian Geotechnical Institute)	Oslo, Norway	
181	26	Presentation at the 38th German Geotechnical Conference 2024	Bremen, Germany		
182	Oct-24	1	meeting with HTC Design Team	(Virtual / Online)	
183		5	Video Address for GeoMandu 2024 Nepal	(Virtual / Online)	
184		8	Opening address for SLGS Annual Conference (SriLanka)	(Virtual / Online)	
185		14	4th FedIGS Board Meeting (in Person)	(Virtual / Online)	
186		22	CAPG meeting under new Chair Roger Estephan	(Virtual / Online)	
187	25	Meeting for CAPG page Revamp	(Virtual / Online)		
188	Nov-24	3	Tour in Argentina - Lecture in Buenos Aires	Buenos Aires/Argentina	
189		7	Tour in Argentina - Lecture in Cordoba	Cordoba/Argentina	
190		9	Tour in Argentina - Lecture in Mendoza	Mendoza/Argentina	
191		11	12th ISSMGE Board Meeting	LaSerena/Chile	
192		12	Opening address for PanAmGeo Conference	LaSerena/Chile	
193		20	Opening & Keynote @ 5th ICTG Transportation Geotechnics Conf	Sydney/Australia	
194		28	Opening & Keynote @ 2nd GeoMandu Conf	KatMandu/Nepal	
195					