
KEY PERSONNEL CAPABILITIES

Curriculum Vitae

Name : Dr. Yehya Timsah Date of Birth : 1962
 Profession : Civil Engineer Nationality : Lebanese
 Present Place of Work : Beirut Arab University
 Proposed Position on Team : Senior Structural Engineer Expert

Education :

PhD	Soil and Structures Mechanics	Ecole Centrale de Paris	1993
Masters of Science (DEA)	Mechanics of Solids INSTN – CEA	Université Pierre et Marie Curie (Paris 6)	1990
Bachelor of Science	Civil Engineering	Beirut Arab University	1986

Key Qualifications :

In charge of the structural design and structural modeling, in direct connection with the senior architects.

- Review and evaluate all Contract's structural engineering drawings, plans, technical specifications, design calculations, pertinent reports prepared at feasibility and design stage.
- Be responsible for the management and technical direction of the Consultant's personnel related to structural works, as well as of any other staff provided for the purpose of performing the works.
- Manage the collection, analysis, verification, checking, and presentation of all data pertinent to the structural works.

PROFESSIONAL MEMBERSHIPS:

- 1986-Present: Member, Lebanese Order of Engineers and Architects, Beirut.
- 1992-1993: Member, "Groupe d'Etude du Comportement Thermo - Elastique du Béton" - Paris.
- 1995-Present: Member, "Commission de Normalisation des Règles Béton Armé libanais" - Beirut.
- 2003-Present: Member, "Commission Régionale d'Experts (CRE) " de l'Agence Universitaire de la Francophonie (AUF)- Bureau Moyen-Orient, Beyrouth.
- 2005-Present: Member, "Commission d'experts a l'O.D.I de Beyrouth" pour 'élaboration des normes sismique.

Languages :

	Reading	Speaking	Writing
English	5	5	5
Arabic	Native Language		
French	5	5	5

(1 to 5 : 1 = Basic; 5 = Fluent)

Experience Record:

- **1998 to Date - TEG consultants s.a.r.l (Lebanon).**
Position: PM Structural Engineer

R.C and P.C Bridges-Tunnels**2008 - On-going****Design Review and Construction Supervision for Suusamyр – Talas – Taraz Road Project, Contract Package No.2 – Phase 2, Kyrgystan**

Client: Ministry of Transport and Communications
Project Cost: 11.936.565.98 US.\$.

The Taraz-Talas-Suusamyр road project passes through the north-west of the Kyrgyz Republic via the territory of Talas - Oblast in the area of road intersection of Talas mountain range. The road project is from km 52 to km 73. The start point of the road project in phase I which was executed earlier (2004-2009) at Otmek pass km 0.00.

The major components of the works will include:

- New construction of single layer asphalt concrete pavement, base course from crushed stone and gravelly sub base;
- Earthworks, widening of sub grade and construction of new sub grade on the sections with re-routing.
- Re-routing of the alignment on small stretches where improvement in horizontal alignment is possible.
- Demolition and construction of new pipes, widening of pipes and their repair.
- Construction of roadside drainage, construction of irrigation channels, box culverts and chutes.
- Installing road signs, road marking, kilometer posts, barriers and snow fences.
- Construction of sidewalks in settlements.
- New construction of bus stops and enclosed bus stops.

In addition, the Consultancy Services covers the infrastructure works such as: sewage network, drainage network, water supply network, storm water drainage and discharge, earthworks, pavements, street lighting, telephone networks, transmission lines, roadway marking and signage, etc....

- **2009 - 2011**

- **Consultancy Services for Design and Supervision for New Fishing Port at Saadiyat Island Road Bridge on Mina Zayed, Abu Dhabi, U.A.E.**

Client: Abu Dhabi Center for Housing & Service Facilities Development (ADHC)
Construction Cost: 68,500,000 US.\$.

This port can park 200 medium size boats and is mainly used for fishing purposes.

Design and Construction Supervision of the Saadiyat Bridge Fishing Port which includes:-

- 8 Finger Pontoons.
- Loading and Un-Loading sea-side platform as outdoor auction.
- Heavy duty crane to elevate boats.
- Ramps for boats sliding.

In addition to the following buildings:

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|---------------------------------------------|-----------------------------------|
| - Maintenance Yard (Covered and Uncovered). | - Ice Factory (100 tons per day). |
| - Maintenance Store 1000 sq.m. | - Indoor Auction |
| - Fisherman Piazza. | - Fish market. |
| - 1700 Bed Hostels. | - Cafeteria. |
| - Administration 1000 sq.m. | - ADNOC |
| - Mosque and Minaret. | - Required Parking Areas. |

In addition, the Consultancy Services covers the infrastructure works such as: sewage network, drainage network, water supply network, water tanks, storm water drainage and discharge, earthworks, pavements, street lighting, telephone networks, transmission lines, roadway marking and signage, landscape, etc....

- 2009-2010: King Fahed- Ain Najem Intersection Project- KSA: including four bridges of length equal to 120, 140, 118, and 270 respectively. The deck types consisted of prestressed concrete cast in place slabs, and precast prestressed girders.
- 2009-2010: King Fahed- El Qura El Sharkiah Intersection Project- KSA: including 238 m prestressed concrete bridge. The deck system consisted of precast prestressed concrete girders.
- 2009-2009: King Abdulah- Makka Road Project- KSA: including 210 m prestressed concrete bridge. The deck system consisted of precast prestressed concrete girders.
- 2009-2009: King Abdulah- Al Najah Intersection Project- KSA: including 210 m prestressed concrete bridge. The deck system consisted of precast prestressed concrete girders.

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- 2009-2009: King Abdulah and King Fahed Intersection Project- KSA: including 83 m reinforced concrete -4 lanes- tunnel
- 2008-2009: Kulyab - Kalaikhumb Road Project - Tajikistan: the project is composed of 2 parts:
- The first consists of a structural assessment of existing reinforced concrete and steel bridges, in order to evaluate the damages and propose the optimal retrofitting system of decks, bearings, and concrete supports (piers, abutments, wing wall, and foundations)
 - The second part consists of:
 - full study of 12 new steel bridges (single, double, and multi-span). The spacing between concrete supports varied from 20 to 34ms and most of the bridges crossed rivers and valleys.
 - Multi-cell reinforced concrete culverts.
- 2008-2008: King Abdulah and Mohamed Bin Fahed intersection Project- KSA: Multi-span 172ms reinforced concrete bridge. The deck system consisted of precast prestressed concrete girders.
- 2007-2008: Al Hufuf Ring Road Project- KSA: including 3 reinforced concrete tunnels, four lanes each. the length of tunnels were 15 and 93 meters respectively.
- 2005 - 2006: Structural designer for the Al-Amine Bridge in Beirut Central District: a portal bridge type 15.4 ms supporting 1.2 m thick backfill and traffic loadings. Cast in situ reinforced concrete sections constituted the bridge super-structure and sub-structural elements.
- 2003 - 2004: Structural Consultant for the project of dualisation of Onitsha-Owerri road in Nigeria. The structural work included a full design of five viaducts of 40, 60 100, 120, and 140 ms length respectively. The reinforced concrete precast girders with cast-in-situ top slab constituted the super-structural elements. Abutments, piers and foundations on piles constituted the sub-structural elements.
- 2003 - 2004: Structural Consultant for the project of Mayroubah- Nahr el Joz road in Lebanon. The structural work included a full design of an 80 ms length viaduct. The prestressed precast girder with cast-in-situ top slab constituted the super-structural elements. Abutments, piers and foundations on piles constituted the sub-structural elements
- 2001 - 2002: Structural designer for the Litani-Yohmor-Arnoun viaduct: a simply supported deck of 36 ms crossing the Litani River near Taybeh village. The precast prestressed girders with cast-in-situ top slab constituted the super-structure of the bridge. Abutments, piers and foundations on piles constituted the sub-structural elements.
- 1997 - 1999: Structural Consultant, for Aleyh Entrance Project which included the design of two multi-span bridges of prestressed post-tensioned solid deck type and their sub-structural elements

- 1994 - 1996: Senior Structural Engineer worked the Beirut Outer-Ring (Périphérique) that included a complete design of prestressed Concrete post-tensioned viaducts:
- Multi-span straight, skew and curved bridges of prestressed post-tensioned solid, precast girders, and hollow core deck types
 - Reinforced concrete straight and skew bridges of reinforced concrete solid and girder deck types
- 2003 - 2004: Structural Consultant for the Mar-Mkhael interchange project including the design of 75 ms long tunnel- retaining walls ...
- 2006 - 2009: Structural Consultant for the PAN ARAB HIGHWAY project-in BEKAA, Lebanon including the design of all structural components of the highway, mainly: Viaduct (250 m, 5 spans bridge with 52 ms spans), 4 overpasses, underpass, culverts, retaining walls...

Infrastructures-Rehabilitation and special R.C structures

2009 - 2011

The Consultancy Services for Supervision of the Execution of Water Supply Works in Jabal Amel – South Lebanon

Construction Value: 12,150,000 US\$ Financed by the Islamic Development Bank (IDB)

The works include:

The Works include but not limited to potable water execution and rehabilitation works in the region of Jabal Amel including pipeworks, reservoirs and potable water pumping stations.

Pipework shall include the supply and installation of various types of valves, fittings, accessories, water meters, branch outs, house connections, connection of the new lines to existing transmission lines, networks or reservoirs, and the construction of potable water reinforced concrete valve chambers, thrust blocks, and other related items.

The pipes shall be manufactured of ductile iron (of diameters varying between ND150 and ND600) and polyethylene (of diameters varying between OD40 and OD150).

The installation of the pipelines includes and is not limited to asphalt and concrete removal trench excavation, pipe bedding, laying, backfilling of pipe trenches and reinstatement of roads.

The potable water project consists of the following:

1. Transmission Lines: 90Kms
2. Distribution Networks: 71Kms
3. Ground Reservoirs: 2000m³ – 2 Nos., 1000m³ – 2 Nos., 500m³ – 9 Nos., 300m³ – 3 Nos., 250m³ – 4 Nos., 125m³ – 4 Nos.
4. Water Towers 300m³ capacity: 3 Nos.
5. One major Water Pumping Station in Chakra and 6 Booster Pumping Stations.
6. All related Electrical Transformers/Sub-stations;
7. Civil and reinstatement works.

- **2006 - 2009**

- **The Consultancy Services for Supervision of the Construction of South Beirut Coastal Collectors and Pumping Stations [Naameh (Damour) Ghadir]**

Construction Value: 8,500,000 US\$ Financed by the Islamic Development Bank (IDB)

The works include:

1. Provide, lay and test of about 18Km of wastewater gravity pipes ranging in diameter from 200 to 900 UPVC & concrete pipes.
2. Provide, lay and test of about 7.2Km of wastewater pressure pipes, ranging in from 500mm and 800mm G.R.P Pipes.
3. Provide, lay & test of about 12.5 of wastewater gravity pipes ranging in diameter from 200mm to 400mm UPVC & concrete pipes at Khaldeh area.
4. Construct, equip & commission Khaldeh (PS0), El Naameh (PS1) and Damour (PS2) pumping stations.

- 2005 - 2006: Structural consultant for the MSW Treatment Plant Project–Saida, for the supervision of the execution of structural works (Technical +quality control)
- 2003 - 2004: Structural consultant for Tamar University Project in Yemen. The study included the design of a 36 ms high elevated water tank (capacity 600 m³). The lateral forces due to wind pressure and earthquake were taken into consideration in the structural study
- 2003 - 2009: SIDOUN Environmental- Structural consultant for MSW Treatment Plant-Saida project. The study included the design of:
- Four arched roof halls (single and double arches) covering 36 and 2x37.5 ms spans respectively
 - Digesters -solid waste containers-and water tanks (capacity 3400, 4100 an 21000 m³ respectively)
 - Sludge-Process- Potable tank of rectangular section with total capacity of 8400 m³
 - Mechanical Hall (110.55 m), the roof slabs are of post-tensioned precast girder type
 - Office and Control buildings
- 2001 - 2003: Structural designer for the following projects:
- Batoulay water tank: an elevated circular water tank (height 18 ms, capacity 5000 m³) in Batoulay village
 - Wadi-Jilo water tank: and elevated conical water tank (height 13.5 ms, capacity 5000 m³) in Wadi-Jilo village.
 - Mechanical and control buildings of the previous water tanks (halls of large framing system for the pumps and mechanical equipments)
- 2002 - 2003: Project Engineer in rehabilitation of the El-Barbir Hospital and the BAU administration buildings Projects

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- 2002 - 2003: Structural Consultant for the study of strengthening and rehabilitation works for a partially damaged residential building in Mieh-Mieh village
- 2001 - 2002: Structural Consultant for the study and supervision of strengthening and rehabilitation works for a partially damaged residential building in the suburb of Sida
- 1994 - 1996: As Project Engineer in the Infrastructure Rehabilitation Project for the Northern and Southern Suburbs of Beirut, including the design of culverts, retaining walls, stalling basins ...

Towers and Buildings (summary of)

- 2009 - 2011: Structural consultant for Wazzan & Ghaith tower project in Beirut district, Lebanon. The project consists of 3 high rise buildings with common 6 basement floors, ground floor and 3 podium floors, than 31, 33, and 45 residential floors respectively. The structural studies included the full analysis ad reinforced concrete and prestressed concrete elements of the buildings.
- 2008 - 2011: Structural consultant for the CBCO's Sky Towers project in Khaldeh, Lebanon. The project consists of 10 residential buildings with number of stories varying from 12 to 22, and 2 club buildings (Main and wither). The structural studies included the full analysis ad reinforced concrete and prestressed concrete elements of the buildings.
- 2006 - 2007: Structural consultant for the following projects:
- Al Motak Tower Hotel- Makka Saudi Arebia of 33 stories of 130 ms total height, the structural studies included seismic analysis, wind pressure analysis for conventional –code generated forces-, design of Reinforced Concrete flat slabs, and design shallow foundations.
 - Alm Motak Tower Office- Jedda-Saudi Arebia: 73 stories of 270 ms total height, the structural studies included seismic analysis, wind pressure analysis for conventional –code generated forces-, design of Reinforced Concrete flat slabs, and design shallow foundations.
 - Almati tower- Kazakhstan: 24 stories of 80 ms total height, the structural studies included seismic analysis and concrete design in zone 4.
- 2006 - 2007: Structural consultant for the Qatar Twin-Towers Project which consists of three buildings:
- Two towers of 49 stories (residential building and office building) of 230 m total height connected at roof levels with a steel bridge.
 - Eleven story –Multi function building, The structural studies included seismic analysis, wind pressure analysis for conventional –code generated forces- and wind tunnel forces, design of post tensioned floor slabs, and design of deep foundations

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- 2005 - 2006: Structural consultant for the Twin-Palm Towers Project which consists of three buildings:
- Two towers of 57 stories (residential building) of 250 m total height
 - Nine story –middle- parking building, The structural studies included seismic analysis, wind pressure analysis for conventional –code generated forces- and wind tunnel forces, design of post tensioned floor slabs, and design of deep foundations
- 2004 - 2005: Structural consultant for the following projects in Qatar:
- Khaled El Majed residential tower: 30 stories building of 125ms high
 - Saiid EL Majed office tower: 25 stories building of 125ms high
 - El Dafna office tower: 40 stories building of 150ms high, the structural study included the effects of 150km/hr wind pressure on the towers
- 2004 - 2005: Structural consultant for the Ministry of Education and Higher Education Building in Beirut (70 ms high). The structural study included the seismic effects on the building
- 2001 - 2003: Structural designer for the Batloun Technical School (TS) projects
- 2002 - 2003: Structural Consultant for the Study the New-York furnished apartments building including structural analysis, design of seismic resisting system and shoring system
- 1998 - 1999: Structural consultant, for the "Al Kamal" residential project, responsibilities includes study of 22 story residential towers to resist earthquake effect as well as overall stability.
- 1998 - 1999: Structural consultant, responsibilities include study of Syblin factory (PATCHI) and other projects in Saudi Arabia.
- 1996 - 1998: Structural Consultant, responsible for DOHA project which included a study of 8 residential buildings, commercial center, a sport hall with seismic stability study, and two residential buildings in Broumanah.
- 1994 - 1996: As senior Structural Engineer, worked on structural design of buildings and hospitals including seismic stability and technical control.

Educational- Supervision of Training Courses

- 1997 - Present: Supervision of training courses of structural engineering software's Staad, SAAP2000, Etabs, SAFES, and ROBOT-Millennium at the Beirut Arab University and the Ordre des Ingénieurs, Beirut Lebanon
- 1997 - 1998: Supervision of training courses of structural engineering software (ROBOT Millennium) at the Lebanese university –Technology college-, Saida Lebanon
- 1996 - Present: El-Sharif & BML (official dealers of ROBOT Millennium & ADAPT in Lebanon) as technical support consultant for the program users.
- 1995 - 1994: With the CEBTP in France, as Research Engineer, developed a computer program for non-linear analysis of 3D structures, by the Finite Element Method (F.E.M.), for the French Ministry of Transportation (SETRA).
- 1989 - 1990: With the "Institut Nationale de Science et Technique Nucléaire" as Research Engineer, developed a computer software for heat or wave propagation by (F.E.M.) for "Commissariat A l'Energie Atomique (CEA) - Saclay - France.
- 1987 - 1989: With the BAU in Beirut, as teaching assistant in Topography, Sanitary engineering, and Technical Drawings.
- 1995 - Present: Associated Professor of Civil Engineering at Beirut Arab University and the Lebanese University; teaching courses in:
- Strength & properties of materials
 - Design of Reinforced Concrete & Prestressed Concrete Structures
 - Special Topics in Concrete Structures
 - Tall Buildings
 - Numerical modeling of Structures
 - Water Tanks
 - R.C and P.C Bridges
 - Earthquake Analysis

Health Projects:**▪ Construction of 200 Bed Maternity – Pediatric Hospital Sulaimany – Kurdistan Region**

Hospital complex consists of 3 major blocks: Main Hospital – Staff Accommodation – Service Building.

The design concept of the project was to achieve a perfectly functional hospital with the best working spaces, function & medical equipments.

All departments were well distributed among the hospital floors to attain the most comfortable circulation between them.

The project consists of six floors and two basement floors of total area: **30,479** sq.m.

▪ Construction of 200 Bed Emergency Hospital Sulaimany – Kurdistan Region

Hospital complex consists of 3 major blocks: Main Hospital – Staff Accommodation – Service Building.

The design concept of the project was to achieve a perfectly functional hospital with the best working spaces, function & medical equipments.

All departments were well distributed among the hospital floors to attain the most comfortable circulation between them.

The project consists of six floors and two basement floors of total area: **37,018** sq.m.

▪ Construction of 200 Bed Rehabilitation Center Sulaimany – Kurdistan Region

Hospital complex consists of 3 major blocks: Main Hospital – Staff Accommodation – Service Building.

The design concept of the project was to achieve a perfectly functional hospital with the best working spaces, function & medical equipments.

All departments were well distributed among the hospital floors to attain the most comfortable circulation between them.

The project consists of six floors and two basement floors of total area: **37,160** sq.m.

2019 Salha Project – Rehabilitation strengthening
 2019 Jeb Jenin Municipality
 2019 Ministry of Public Work- structural assessment
 2019 Zebdin Building
 2018 Bashoura School – Rehabilitation strengthening
 2018 Lebanese army- Prison building, Control towers, Ichara building
 2018 Bashoura bridge- – Rehabilitation strengthening
 2018 Bourjen Municipality, Majdel Anjar, Mosque
 2018 Bkosta 328 Residential building
 2018 Hilal twin towers
 2018 Medrar Hospital
 2017 Sabta residential buildings
 2017- Skafi building- – Rehabilitation strengthening
 2017 Ras Beirut- Haidar Building

Publications and Seminars

- 1993: "A Numerical Solution for the Time-Dependent Behavior of 3D Concrete Structures". Proceeding, 5th International RILEM symposium, creep and shrinkage of concrete, Barcelona, Spain, Sept 1993. P.P 535-544
- 1993: "A Comparison Between Experimental and Numerical Data for Concrete Subjected to Variable Strains". Proc., 5th International Symposium, Creep and Shrinkage of Concrete, September 1993, Barcelona, Spain, p.p 645- 653
- 1997: "Introduction to Building Stability and Bridge Design Book", Book Dar- El-Rateb publishing house- Beirut – Lebanon – P.P190
- 1999: "Seismic Design for Building, Requirements and example", seminar at the Ordre des Ingénieurs, Beirut Lebanon
- 2000: "Comportement Sismique des Voiles en Béton Armé – Etude Energétique et Paramétrique de l'Effet de la Composante Dynamique de l'Effort Normal". Rapport de Recherche, octobre 2000, CEBTP, France. P.P 21
- 2001: "Dynamic Normal Force Effect on Seismic Behavior of Shear Walls" Fourth International Alexandria Conference on Structural and Geotechnical Engineering, 2-4 April 2001, Alexandria, Egypt, pp.379-388.
- 2001: "Assessment of Concrete Strength Using Permeability Tester", Fourth International Alexandria Conference on Structural and Geotechnical Engineering, 2-4 April 2001, Alexandria, Egypt, pp. 379-388
- 2001: "Structural Assessment for buildings in South Lebanon"; South Lebanon-Urban Challenge in the Era of Liberation Conference. 3-6 April 2001, Beirut, Lebanon
- 2001: "Marble, Onyx & Limestone – The Hidden Treasure", South Lebanon Urban Challenge in the Era of Liberation, Conference, 3-6 April 2001, Beirut-Lebanon
- 2001: "Enhanced Method for Structural Analysis of Paneled Beams Slabs"; 3rd Jordanian civil Engineering. Conference, 29-31 October 2001 Amman, Jordan.

- 2002: "Slabs Opening Effects on Wind Pressure and Seismic Response of Buildings". International Conference on Research Trends in Science and Technology, 4-6 March 2002 Beirut and Byblos, Lebanon, pp. 609-618
- 2002: "A Review of the Development Length for Reinforcing Steel in High Strength Concrete Beams". International Conference on Research Trends in Science and Technology, 4-6 March 2002, Beirut and Byblos, Lebanon. pp. 601-608
- 2002: "Irregular Seismic Response of Buildings Frame". The 6th International Conference on Concrete Technology for Developing Countries– Amman, Jordan 2002. pp 941-950

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- 2002: "Risque Naturels et Vulnérabilité des Ouvrages en Zone de Montagne". Rapport de Recherche, octobre 2002, Université Joseph Fourier (Grenoble1)- Grenoble, France.
- 2003: "Structural Modeling of Reinforced Concrete Slabs Subjected to dynamic Loads due to Falling Rocks" EC-Conference, March 2003, Ostrich
- 2003: Masri A., Basha H., Timsah Y., "Dynamic Behavior of Low-Rise Suspended Steel Building Subjected to Time-History Analysis", AICSCE 5, Structural Engineering Dept., Faculty of Engineering, Alexandria University, Alexandria, 21544 Egypt.
- 2004: Berthed-Rambaud Ph., Perrotin P., Timsah Y., Mommessin M., Mougine J.P., Mougine J., and Daudeville L., "Impact of a Reinforced Concrete Roof Slab by Falling Rocks: Experiments and Modeling" *Rivista Italiana Di Geotecnica*.
- 2004: Basha H., Itani M., Masri A., Timsah Y., "Behavior of Typical Reinforced Concrete Buildings under Earthquake Forces" 5th Structural Specialty Conference of the Canadian Society for Civil Engineering", Saskatoon, Saskatchewan, Canada.
- 2005: Chalhoub M., Bouillard P, Verbrugge J.C., Timsah Y., "Etude du Comportement Statique et Dynamique, d'un Pieu Isole Implante dans la Sable par Elements Finis", Proceeding of the International conference on the Applied Numerical Analysis, Beirut, Lebanon.
- 2005: Baalbaki O. Timsah Y. Sabra M., "Influence of Paper and Fibers on Damage and Structural Behavior of Reinforced Concrete Flexural Beams", *European Journal of Scientific Research*, Vo14, No 3.
- 2007: Baalbaki O, Timsah Y., Masri A., "Enhancement of the Ductile Behavior of R. C. Frames under Lateral Forces by the Fiber Paper Concrete". Proceeding of the International Engineering Conference of Curtin University of Technology Sarawak, Curtin Campus, Miri, Sarawak, Malaysia.
- 2009: Timsah Y., "On the Influence of Openings in the Seismic Response of Structural Walls", Twelfth International Conference on Civil, Structural and Environmental Engineering Computing, Funchal, Madeira, Portugal.
- 2009: Timsah Y., Basha H., El Soury A., "Softening of Joints in Reinforced Concrete Structures: A Non-Linear Dynamic Approach", Twelfth International Conference on Civil, Structural and Environmental Engineering Computing, Funchal, Madeira, Portugal.
- 2010: Timsah Y., "Variation in Core Wall Response to Seismic Forces due to Openings", Seventh Alexandria International Conference on Structural and Geotechnical Engineering, Alexandria, Egypt.
- 2010: Basha H., Timsah Y., Masry A., and Mashaka M., "Optimization of Wall-Frame Resisting System in Buildings subjected to Seismic Loads", Seventh Alexandria International Conference on Structural and Geotechnical Engineering, Alexandria, Egypt.

1. Yehya Temsah, Ali Jahami, Jamal Khatib, M Sonebi, Numerical Analysis of a Reinforced Concrete Beam under Blast Loading, MATEC Web of Conferences 149(3):02063, January 2018. DOI: <https://doi.org/10.1051/mateconf/201814902063>.
2. Yehya Temsah, Ali Jahami, Jamal Khatib, M Sonebi, Numerical Derivation of Iso-Damaged Curve for a Reinforced Concrete Beam Subjected to Blast Loading, MATEC Web of Conferences 149(3):02016, January 2018. DOI: <https://doi.org/10.1051/mateconf/201814902016>.
3. Temsah, Y., Jahami, A., Khatib, J. and Firat, S. (2017). Numerical study for RC beams subjected to blast waves. In: first International Turkish World Engineering and Science Congress in Antalya. Antalya, Turkey.
4. Temsah, Y., Jahami, A., Khatib, J. and Firat, S. (2017). Single Degree of Freedom Approach of a Reinforced Concrete Beam Subjected to Blast Loading. In: first International Turkish World Engineering and Science Congress in Antalya. Antalya, Turkey.
5. AL RAWI, Y., TEMSAH, Y., GHANEM, H., JAHAMI, A. and ELANI, M. (2018). THE EFFECT OF IMPACT LOADS ON PRESTRESSED CONCRETE SLABS. In: The Second European and Mediterranean Structural Engineering and Construction Conference. [online] ISEC. Available at: https://www.isec-society.org/ISEC_PRESS/EURO_MED_SEC_02/html/STR-28.xml [Accessed 6 Aug. 2018].
6. ELANI, M., TEMSAH, Y., GHANEM, H., JAHAMI, A. and AL RAWI, Y. (2018). THE EFFECT OF SHEAR REINFORCEMENT RATIO ON PRESTRESSED CONCRETE BEAMS SUBJECTED TO IMPACT LOAD. In: The Second European and Mediterranean Structural Engineering and Construction Conference. [online] ISEC. Available at: https://www.isec-society.org/ISEC_PRESS/EURO_MED_SEC_02/html/STR-33.xml [Accessed 6 Aug. 2018].
7. Jahami A H., Temsah Y A., Khatib J., Sonebi M., "Numerical Study For The Effect of Carbon Fiber Reinforced Polymers (CFRP) Sheets on Structural Behavior of Posttensioned Slab Subjected to Impact Loading", Proceedings of the Symposium on Concrete Modelling – CONMOD2018 , RILEM PRO 127, Edited by Erik Schlangen et al., 2018, pp. 259-267.

Milad Khatib, Zaher Abou Saleh, Yehya Temsah, Ossama Baalbaki Numerical Punching Shear Analysis of Unbonded Post-Tensioned Slab Provided with Inverted U-Shape, Technical Paper, KSCE Journal of Civil Engineering, Korea, March 2018

Punching Shear Analysis of Bonded Post-Tensioned Slabs with Inverted-Shaped Reinforcements, The ninth Alexandria international conference on Structural and Geotechnical Engineering, Alexandria University, Egypt, December 2016

Ali Jahami, Yehya Temsah, and Jamal Khatib, Numerical Analysis of Reinforced Concrete Beams Strengthened With CFRP Subjected to Blast Loading, 9th International Symposium on Eastern Mediterranean Geology", Antalya/ Turkey, 07th-11th

"Effect of Successive Impact Loads from a Drop Weight on a Reinforced Concrete Flat Slab" MATEC Web of Conferences Volume 281 (2019) International Conference of Engineering Risk (INCER 2019) Beirut, Lebanon

Effect of Soil - Structure Interaction Constitutive Models on Dynamic Response of Multi-Story Buildings, jestr journal.

The Effect of Basement Stories on the Dynamic Response of High-Rise Buildings, Geomeast springer conference.