Education

- **PhD in Civil Engineering**, in the major of **Structures** (Health monitoring and Control of Structures), University of Pavia, 2011, Pavia-Italy.
- **M.Sc in Civil Engineering**, in the major of **Structures**, Jordan University of Science and Technology, 2006, Irbid-Jordan.
- **B.Sc in Civil Engineering** (Roads, Bridges, and Airports), Al-Balqa' Applied University, 2003, Amman-Jordan.

Experiences

Academic Experience:

- 9/2018-till now: Assistant Professor, Civil and Environmental Engineering Department-SNREM, German Jordanian University (GJU), Jordan.
- 9/2017-9/2018: Assistant Professor, Hussain Technical University (HTU), Jordan.
- 9/2017- 9/2018: Part-time lecturer, German Jordanian University, (GJU) Jordan.
- 9/2011-9/2017: Assistant Professor, Department of Civil Engineering, Al-Zaytoonah University, Jordan.
- 9/2013-9/2014: Head of Civil Engineering Department, Al-Zaytoonah University, Jordan.
- 6/2011-8/2013: Part-time lecturer, Department of Civil Engineering, Faculty of Engineering Technology-AlBalqa University, Jordan.
- 5/2010-2/2011: Research assistant, Department of Civil and Structural Engineering, Polytechnic of Hong Kong University, Hong Kong.

Professional Experience:

- 3/2007-1/2008: Steel Structure Site Engineer; Consolidated Contractors International Company (CCIC). RGX project, Ras-Laffan Industrial City-Qatar.
- 7/2006-11/2006: Design Engineer, e-construct consulting company; Pre-cast & Pre-stressed concrete Designer and Workshop drawer. Cairo-Egypt.
- 3/2005-11/2005: Design and supervision Engineer (Cast in Situ. Concrete Structures), Manaseeb Consulting Office. Amman-Jordan.

Languages

- Arabic (Native language).
- English
- Italian

Computer Skills

Etabs.	Safe	Sap2000	STAAD Pro.
Marc Mentat.	Matlab.	ARTeMIS	PROKON.
MIDAS.	B-Line.	AutoCad	Microsoft Windows & Office.

Courses Taught

-Statics
-Strength of Materials and Lab
-Structural Analysis I & II
-Reinforced Concrete I, II, & III (ACI)
-Steel Structures (AISC)
-Prestressed Concrete (ACI)
-Foundation Engineering
-Structural Analysis and Design Using Computer Software:
STAAD Pro., Etabs, Safe, and Prokon
-Supervising Graduation Projects in Structures

-Traffic Engineering
-Public Transportation
-Airport Engineering

-Probabilities and Statistics
-Surveying and Lab.
-Technical Writing
-Materials' Science
-Concrete Technology and Lab

Researches and Publications

- **MSc Thesis**: "Effect of elevated temperature on bond strength between steel reinforcement and fibre reinforced concrete"

- **PhD Thesis**: "Verification of wind pressure and wind induced response of a supertall structure using a long-term structural health monitoring system".

- **Publications**:

International Journals

- R. AlSaleh, F. Casciati, A. El-Attar, I. El-Habbal, 2012, Experimental validation of an SMA retrofitting application, *Journal of Vibration and Control*, vol (18)1, pp.28-41.
- S. Casciati, R. AlSaleh, 2010, Dynamic behavior of a masonry civic belfry under operational conditions, *Acta Mechanica Journal*. vol. 215, pp.: 211–224.
- F. Casciati, L. Faravelli, R. AlSaleh, 2009, A SMA Passive Device Proposed within the Highway Bridge Benchmark, *Structural control and Health Monitoring Journal*. vol. 18, pp. 657-667.

- R.H. Haddad, R.J. Al-Saleh, N.M. Al-Akhras, 2008, Effect of elevated temperature on bond strength between steel reinforcement and fiber reinforced concrete, *Fire Safety Journal*, vol. 43, pp. 334-343.

International Conferences

- F. Casciati, L. Faravelli, R. AlSaleh, 2008, Semi-active versus Passive Controller within the ASCE Highway Bridge Benchmark, *The 9th International Conference on Motion and Vibration Control (MOVIC)*, Munich-Germany CD-Rom.
- F. Casciati, R. Al Saleh, 2008, Moving Toward the Multifunctional Building Suggested by Professor Kobori, *The 14th World Conference on Earthquake Engineering (14thCEE)*, Beijing-China CD-Rom.
- S. Casciati, R. Al-Saleh, 2009, Combining Numerical Methods with Experimental Data toward the Structural Rehabilitation Assessment of Ancient Masonry Landmarks. *Proceedings of The International Conference On Protection of Historical Building (Prohitech09)*. Rome-Italy. pp 1729-1734.
- R. AlSaleh, F. Casciati, C. Fuggini, 2009, Detecting the Torsional Behavior of a Tall Building by GPS Receivers. *Computational Methods in Structural Dynamics and Earthquake Engineering (COMDYN2009),* Rhodos-Greece. (article CD438)
- F. Casciati, R. AlSaleh, C. Fuggini, 2009, GPS-Based SHM of a tall building: torsional effects. *Proceeding of The 7th International Workshop on Health Monitoring (IWSHM09)*. Stanford-USA, vol. 1. pp. 340-347.
- S. Casciati, R. AlSaleh, 2009, Vibration-Based Identification of Civic Bell Tower. *Proceeding of The 7th International Workshop on Health Monitoring (IWSHM09).* Stanford-USA, vol. 2. pp. 1667-1673.
- F. Casciati, L. Faravelli, R. AlSaleh, 2009, Dynamic Architecture vs. Structural Control. *Proceeding of the IV Eccomas Thematic Conference on Smart Materials and Structures (SMAR'09).* Porto- Portugal. pp. 203-213.
- R. AlSaleh, F. Casciati, A. El-Attar, I. El-Habbal, 2010, Experimental Investigation Toward an SMA Retrofitting Application. *Proceeding of the fifth European Workshop on Structral Health Monitoring*. Sorrento-Italy. pp. 1116-1123.
- R. Al-Saleh, S. Casciati, L. Faravelli, 2011, SHM-based robustness: a super-tall structure case study. *Proceedings of Robustness of Structures: the Final Conference of COST Action TU0601,* Prague, Czech Republic. pp. 205-230. ISBN: 978-80-01-04730-9.
- D. Ampeliotis, N. Bogdanovi´c, K. Berberidis, F. Casciati, R. AlSaleh 2012. Power-efficient wirelesssensor reachback for SHM. Bridge Maintenance, Safety, Management, Resilience and Sustainability. July, p. 220-226, CRC Press Balkem, ISBN: 9780415621243
- F. Casciati, L. Faravelli, R. Al-Saleh, K. Hinc, 2012, Structural Diagnostic via Compressive Sensing. Bridge Maintenance, Safety,

Management, Resilience and Sustainability, July 9-11, p. 227-231, CRC Press, Balkema, ISBN: 9780415621243.

- D. Shehadeh, R. Al-Saleh, O. Alghazawi, 2016, Effect of Height of Reinforced Concrete Frame on Ductility Factor, Response Modification Factor, and Overstrength Factor when Subjected to carying Accelerograms. *Proceedings of the 3rd International Conference on Environmental Design and Innovation (ZEC 2016)*, Amman-Jordan.