1. **Name and Academic Rank:** **ADNAN C. MASRI**, Professor of Civil Engineering
2. **Education: Degrees, Discipline, Institution and Date:**
   - Ph.D. Civil Engineering: Structures, University of Michigan, Ann Arbor, USA 1994
   - M.S. Civil Engineering: Structures, University of Michigan, Ann Arbor, USA 1990
   - B.E. Civil Engineering: Beirut Arab University, Lebanon 1987
3. **Work experience**
   - Chairperson of Civil & Environmental Eng. Depart. , Beirut Arab University, Beirut, Lebanon, 2015-present.
   - Professor of Civil Engineering, Beirut Arab University, Beirut, Lebanon, 2011-present, (Full time).
   - Associate Professor of Civil Engineering, Beirut Arab University, Beirut, Lebanon, 2004-2011, (Full time).
   - Assistant Professor of Civil Engineering, Beirut Arab University, Beirut, Lebanon, 1995-2004, (Full time).
   - Teaching Assistant, Beirut Arab University, Beirut, Lebanon, 1987-1988, (Full time).
4. **Honors and Awards:**
   - BE with degree of honor from Beirut Arab University, (1987).
   - Scholarship from the Hariri Foundation for undergraduate studies, (1985-1987).
   - Scholarship from the Hariri Foundation for graduate studies, (1988-1994).
   - Hariri Foundation Award for graduation with honor (December 1994).
   - Beirut Arab University Award for 25th years accomplishments in teaching & research (June 2012).
5. **Service activities**
   - Member of the Makassed Graduates Alumni Association, (1981).
   - Member of the Lebanese Syndicate of Engineering, (1988).
   - Member of the Beirut Arab University Alumni Society, (1988).
   - Member of the Hariri Alumni Association, (1995).
   - Member of the Lebanese Syndicate of Engineering, Beirut, (# 10186), 1988.
   - Supervising the Material Materials Laboratory Supervisor at Beirut Arab University, Faculty of Engineering, Debbieh Campus. 2015- present.
   - Member of the Technical Committee in Civil Engineering formed by the Ministry of Higher Education in Lebanon for Licensing of Civil Eng. Programs, 2017-present.
6. **Research Interests**
   - Seismic Behavior of Steel & Composite Members.
   - Strengthening of Reinforced Concrete Structures.
   - Innovative Composite Structural Systems.
7. **International Scientific Activities and Research Cooperation**

   NA
8. **National Research Cooperation**

- Received funding for two consecutive years from the National Council for Scientific Research (CNRS) for the research project, "*Investigation on Reinforced Concrete Buildings Retrofitted for Earthquakes",* (2004-2005).

9. Principal publications and presentations:

9.1 Journal Publications

1. Edlebi G., Masri A., Baalbaki O., and Wehbi N.., "*Experimental and Numerical Investigation on the Behavior on Reinforced Concrete Walls Strengthened by Steel Members",* Asian Journal of Civil Engineering, Springer, January 2024.

2. Kassem L., Masri A., and Wehbi N.., "*Behavior of Concrete Mixes Using Recycled Aggregate Confined with Steel Sections",* BAU Journal-Science and Technology, Vol. 5, Issue 1, December2023.

3. Wehbi N., Masri A., and Baalbaki O., "*Flexural Behavior of Partially Composite Concrete-Encased Steel Tubular Beams",* Magazine of Civil Engineering, Issue 3, Article 3, January 2022.

4. Wehbi N., Masri A., and Baalbaki O., "*Investigation of the Experimental and Numerical Flexural Behavior of Innovative Totally Encased Composite Beams",* BAU Journal - Science & Technology, Vol. 3, Issue 1, Article 3, January 2022.

5. Slika W., Masri A., and Baalbaki O., "*Flexural Testing of Various Composite Beams under Quasi-Static Loads",* BAU Journal-Science & Technology, Vol1. Issue 1, December 2019.

6. ElKhansa H., Masri A., and Abou Saleh Z., " *Numerical and Experimental Evaluation of Fully Encased Cold Formed Steel Joists in Pre-stressed Concrete",* International Journal of Civil Engineering and Technology (IJCIET), Volume 9, Issue 8, pp. 1821–1838, August 2018.

7. Reslan N., Masri A., and Machaka M., "*Composite Shear Walls: An Efficient Resistant System for Multi-Story Buildings",* Journal of Steel Structures & Construction, 2018, Vol 4, Issue 1.

8. Wehbi N., Masri A., "*Fire Resistance of Built-up Steel Section Completely Encased in Concrete",* Journal of Engineering Science & Technology Review, November 2017.

9. Ahmad S., Masri A., Abou Saleh Z., "*Analytical and Experimental Investigation on the Flexural Behavior of Partially Encased Composite Beams",* Alexandria Engineering Journal, ELSEVIER, May 2017

10. Hamad B., Masri A., Basha H., and Baalbaki O., "*Behavior of T-Shaped Reinforced Concrete Beams Partially Confined by Structural Steel",* Journal of Construction and Building Materials, ELSEVIER, Volume 25, Issue 2, pp. 1037-1043, February 2011

9.2 Conference Proceedings

1. ElKhansa H., Masri A., and Abou Saleh Z., "*Behavior of Fully Encased Cold Formed Steel Joists with/without Web Openings: Experimental Investigation"*, Proceedings of the 2nd European & Mediterranean Structural Eng. & Construction Conference (EURO-MED-SEC-2), American University of Beirut, Beirut Lebanon, July 2018. To be published by ISEC press.
2. Zoulghina K., and Masri A., "*Pushover Analysis of Hybrid Coupled Wall with Eccentric and Concentric Coupling Bracing",* Proceedings of the 2nd European & Mediterranean Structural Eng. & Construction Conference (EURO-MED-SEC-2), American University of Beirut, Beirut Lebanon, July 2018. To be published by ISEC press.
3. Hakim, A., and Masri A., "*Seismic Evaluation and Strengthening of Existing Low-Rise Reinforced Concrete Building (CASE Study)",* Proceedings of the 2nd European & Mediterranean Structural Eng. & Construction Conference (EURO-MED-SEC-2), American University of Beirut, Beirut Lebanon, July 2018. To be published by ISEC press.
4. Wehbi, N., and Masri A., "*Numerical Model of the Fire Resistance of Totally Encased Built-up Steel Section",* Proceedings of the 2nd European & Mediterranean Structural Eng. & Construction Conference (EURO-MED-SEC-2), American University of Beirut, Beirut Lebanon, July 2018. To be published by ISEC press.
5. Masri A., "*Response of Various Composite-Beam Systems to Quasi-Static Bending Loads",* Proceedings of the Seventh Alexandria International Conference on Structural and Geotechnical Engineering, Alexandria-EGYPT, December 2010
6. Baalbaki O., Masri A., and Basha H., "*Experimental Evaluation of the flexural Behavior for Encased Steel Joists",* Proceedings of the Seventh Alexandria International Conference on Structural and Geotechnical Engineering, Alexandria-EGYPT, December 2010
7. Masri A.,"*Time-History Dynamic Behaviour of Reinforced Concrete Buildings Strengthened using Steel Shear Walls",* Proceedings of the Twelfth International Conference on Civil, Structural and Environmental Engineering Computing, Madera-PORTUGAL, September 2009
8. Masri A., Basha H., Mousa Z., "*Response of Upgraded Buildings to Dynamic Lateral Loads",* Proceedings of the American Concrete Institute (ACI) – Kuwait Chapter, KUWAIT, March 2007
9. Baalbaki O., Temsah Y., Masri A., "*Enhancement of the Ductile Behavior of RC Frames Under Lateral Forces by the Fiber Paper Concrete",* Curtin University of Technology" - SARAWAK MALAYSIA, March 2007
10. Basha, H.S., Masri, A.C., and Sabra, M. A. " Behavior of Axially Loaded Concrete-Filled Steel Tubes", American Concrete Institute – Kuwait Chapter – *Proceedings of the ACI-KC 2nd International Conference, Design and Sustainability of Structural Concrete in the Middle East; with emphasis on High Rise Buildings* – pp. 125-136- - KUWAIT, March 12-14, 2007
11. Masri A., Basha H., Baalbaki 0., "*Experimental Investigation on Flexural Behavior of Reinforced Concrete Beams Jacketed by Structural Steel Sections",* Proceedings of the

Civil Eng. Infrastructure Systems (CEIS 2006), American University of Beirut, LEBANON, 2006

12. Masri A., "*Steel Frames with Haunches: Analytical Model and Pushover Analysis",* Proceedings of the Civil Eng. Infrastructure Systems (CEIS 2006), American University of Beirut, Lebanon, 2006