

# CURRICULUM VITAE

1. **Name & Surname:** Fatemeh Nouban

2. **Date of birth:** Feb. 1966

3. **Title:** Assoc. Prof. Dr.

4. **Email:** fatemeh.nouban@neu.edu.tr

5. **Education status:**

- Ph.D., Girne American University, January 2015, Construction Management, CGPA: 3.96/4.00
- M.Sc., IAU University, Science and Research Branch, 2005, CGPA: 17.76/20 (Grade A)
- B.Sc., IAU University, Central Tehran Campus, 2003, CGPA: 16.62/20 (Grade A)

6. **Academic Titles:**

- Associate Professor Dr., Civil Engineering, Near East University, North Cyprus, May 2020
- Assistant Professor Dr., Civil Engineering, Near East University, North Cyprus, August 2016

7. **Academic and professional experiences:**

- Near East University (full-time), Associate Professor, May 2021 – Present
- Near East University (full-time), Assistant Professor, August 2016 – May 2021
- Near East University (full-time), Dr., September 2015 – August 2016
- Girne American University (full-time and part-time), Lecturer, September 2008 – September 2015
- Iranian Offshore Oil Company (IOOC) (full-time), Engineering Management Division, Documents, and Contracts Center, June 1983 to Oct. 1987
- Construction Management and Supervision (full-time), Planning, construction management, and supervision of high-rise buildings, Tehran, 1995 to 1997 and 2001 to 2003

8. **Supervised Master and Doctoral Theses:**

8.1. **Master's Thesis**

Number of theses supervised: 6 Theses plus 4 Master Final Projects

9. **Publications:**

9.1. **Articles published in international peer-reviewed Science Citation Index (SCI) journals**

1. Ahmad, O., and Nouban; F. (2023), Economic and Time Risk Factors Influencing the Construction Projects: A Case Study of Lebanese Construction Projects, Jordan Journal of Civil Engineering, Volume 17, No. 3, 2023 DOI: <https://doi.org/10.14525/JJCE.v17i3.03 – 399>

2. Sadeghi, K. & Nouban F. (2023), An algorithm to determine the most suitable location to construct new commercial harbours, *Infrastructure Asset Management*, Published Online: May 30, 2023, DOI: <https://doi.org/10.1680/jinam.22.00040>
3. Sadeghi, K., & Nouban, N. (2023). Multipurpose algorithm to simulate reinforced concrete structures: macro modelling method. *Proceedings of the Institution of Civil Engineers Structures "and" Buildings*. DOI: <https://doi.org/10.1680/jstbu.22.00220>
4. Royaei, J., Sadeghi, K., Nouban, F. (2023). A comparative experimental investigation of high-temperature effect on fibre concrete and high strength concrete using UT and cm methods, *Acta Polytechnica*, 63(3), 208-215. DOI: <https://doi.org/10.14311/AP.2023.63.0208>
5. Sadeghi, K., & Nouban, F. (2020). A simplified algorithm for conceptual estimation of the material quantities of rubble-mound breakwaters. *Ocean Systems Engineering*, 10(1), 111-129. DOI: <http://dx.doi.org/10.12989/ose.2020.10.1.111>
6. Sadeghi, K., & Nouban, F. (2019). An algorithm for simulation of cyclic eccentrically-loaded RC columns using fixed rectangular finite elements discretization. *Computers and Concrete*, 23(1), 25, 36. DOI: <http://dx.doi.org/10.12989/cac.2019.23.1.025>
7. Sadeghi, K., & Nouban, F. (2017). Behavior modeling and damage quantification of confined concrete under cyclic loading. *Structural Engineering and Mechanics*, 61(5), 625-635. DOI: <https://doi.org/10.12989/sem.2017.61.5.625>
8. Sadeghi, K., & Nouban, F. (2016). Damage and fatigue quantification of RC structures. *Structural Engineering and Mechanics*, 58(6), 1021-1044. DOI: <http://dx.doi.org/10.12989/sem.2016.58.6.1021>
9. Sadeghi, K., & Nouban, F. (2021). Analysis of RC Beam-Columns Subjected to Monotonic and Cyclic Oblique Shear and Axial Loading. *International Journal of Civil Engineering*, 19(6), 733-748. DOI: <https://doi.org/10.1007/s40999-021-00603-1>
10. Nouban, F., & Sadeghi, K. (2018). An algorithm to simulate the nonlinear behavior of RC 1D structural members under monotonic or cyclic combined loading. *Structural Engineering and Mechanics*, 66(3), 305-315. DOI: <http://dx.doi.org/10.12989/sem.2018.66.3.305>
11. Sadeghi, K., & Nouban, F. (2017). A highly accurate algorithm for nonlinear numerical simulation of RC columns under biaxial bending moment and axial loading applying rotary oblique fiber-element discretization. *International Journal of Civil Engineering*, 15(8), 1117-1129. DOI: <https://doi.org/10.1007/s40999-017-0260-1>
12. Sadeghi, K., & Nouban, F. (2017). Global and local cumulative damage models for reinforced concrete structures subjected to monotonic, cyclic, or fatigue loading. *International Journal of Civil Engineering*, 15(7), 1063-1075. DOI: <https://doi.org/10.1007/s40999-017-0171-1>

## 9.2. Articles published in peer-reviewed Scopus Index Journals

Note: Articles in Journals that are indexed both in Scopus and Web of Science have not been listed in this section.

13. Ahmad, O., Sadeghi, K., Nouban, F. (2023), Comparison of the post-tensioned, solid, hollow block, and flat slabs in terms of economy considering different span lengths, *International Journal of*

14. A. Z. Onur, F. Nouban (2019), BIM Software in Architectural Modelling, date, International Journal of Innovative Technology and Exploring Engineering, 8(11), 2089-2093.
15. H.S. Arel, M. Çipoğlu, Nouban, F. (2019), Evaluation of Structural Systems for Industrial Dairy Farming Facilities, International Journal of Innovative Technology and Exploring Engineering, 8(11), 687-692.
16. A. Z. Onur, F. Nouban (2019), Software in the Architectural Presentation And Design Of Buildings: State-Of-The-Art, International Journal of Innovative Technology and Exploring Engineering, 8(10), 2723-2729.

### 9.3. Articles published in other peer-reviewed international journals

17. Fatemeh Nouban, Nura Yunusa, Engr. Abdulkadir Abdullahi Kure Ultra-Modern Market Fire Safety Assessment, *International Journal of Innovative Science and Research Technology*, 5(7), 192-199, 2020.
18. Fatemeh Nouban, Serah Onuh John, Nura Yunusa, Alkasim Aminu, Zachariah Madaki, Water Resource Management, Quality and Climate Change in Nigeria, *International Journal of Innovative Science and Research Technology*, 5(6), 1166-1176, 2020.
19. Fatemeh Nouban, Mehmet Angin, Evaluation of work accidents in construction sector according to economic activity in Northern Cyprus, *Academic Research International*, 11(2), 64-70, 2020.
20. Fatemeh Nouban, Nura Yunusa, Muhammad Khidre Musa, Serah Onuh John, Alkasim Aminu, Sayyadilkhair Usman, Muktar Sabiu Yahuza, Sadiq Mahmoud Ahmad, Usman Muhammad Damani, Ecological (Eco) Friendly Pit Latrine Development for Northern Nigeria, *International Journal of Innovative Science and Research Technology*, 5(5), 1219-1228, 2020.
21. Fatemeh Nouban, Nivin Ghaboun, An overview and a work breakdown structure (WBS) template for construction planning of mid-rise buildings, *Jean Pierre Lukongo Ngenge, Fatemeh Nouban*, 1(2), 18-25, 2020.
22. Fatemeh Nouban, Nivin Ghaboun, Risk analysis and management in construction industry (time, cost and quality), *Academic Research International*, 11(1), 38-46, 2020.
23. Fatemeh Nouban, Nour Alijland, Mohammad Tawalbeh, International Journal of Advanced Engineering, Sciences and Applications, *International Journal of Advanced Engineering, Sciences and Applications*, 1(1), 34-39, 2020.
24. Fatemeh Nouban, Serah Onuh John, Developing a culture of health and safety on construction projects framework in Nigeria, *International Journal of Innovative Science and Research Technology*, 5(7), 1019-1022, 2020.
25. Fatemeh Nouban, Nivin Ghaboun, The factors affecting the methods of construction projects scheduling: An state of the art and overview, *Asian Journal of Natural & Applied Sciences, Japan*, 6(4), 114-122, 2017.
26. Fatemeh Nouban, Mohammad Abazid, An Overview of the Total Quality Management In Construction Management, *Academic Research International, Journal*, 8(4), 68-74, 2017.

27. Fatemeh Nouban, Kabir Sadeghi, Mohammad Abazid, An Overall Guidance and Proposition of a WBS Template for Construction Planning of the Template (Jacket) Platforms, *Academic Research International, Journal*, 8(4), 37-56, 2017.
28. Nouban Fatemeh, Sadeghi Kabir, Rough estimation of materials quantities for construction of harbors, *Academic Research International, Journal*, 7 (3), 52-61, 2016.
29. Fatemeh Nouban, “An overall guidance and proposition of a WBS template for construction planning of harbors, *Academic Research International, An International Journal*, 7(3), 9-24, 2016.
30. Fatemeh Nouban, Ron French, Kabir Sadeghi, General Guidance for planning, design, and construction of offshore platforms, *Academic Research International, Journal*, 7(5), 37-44, 2016.
31. Fatemeh Nouban, Kabir Sadeghi, “Analytical Model to Find the Best Location for Construction of New Commercial Harbors”, *Academic Research International, Journal*, 5(6), 20-34, 2014.
32. Kingsley Ifeanyi Nweke, Fatemeh Nouban, Effect of Covid-19 Pandemic on Construction Industry Management, *World Wide Journal*, 8(4), 25-29, 2022.
33. A. Mohamed Ali, Fatemeh Nouban, Analyzing the role of leadership in promoting a positive safety culture in the construction sector, *World Journal of Advanced Research and Reviews*, 21(1), 882-887, 2024.
34. Yazan Dannoun, Fatemeh Nouban, Occupational health hazards and risk assessments in wastewater treatment plant, *International Journal of Advanced Engineering, Sciences and Applications*, 2(2), 32-37, 2021.
35. Emmanuel Acquah, Fatemeh Nouban, Occupational health and safety management in small-scale mining: focus on female workers in Ghana, *Academic Research International*, 11(3), 10-15, 2020.
36. Kingsley Ifeanyi Nweke, Fatemeh Nouban, Enforcement and education of health and safety in the construction industry in Nigeria, *Academic Research International*, 11(4), 16-22, 2020.
37. A. Alharahsheh, F. Nouban, Assessment and analyses of safety management in the construction industry, *Academic Research International*, 11(2), 92-99, 2020.
38. Kabir Sadeghi, Fatemeh Nouban, “Numerical Simulation of Sea Wave Characteristics and its Applications on Mediterranean Sea Waters”, *International Journal of Academic Research, Journal*, 5(1), 126-133, 2013.
39. Kabir Sadeghi, Fatemeh Nouban, “A simplified energy based damage index for structures subjected to cyclic loading”, *International Journal of Academic Research*, 2(3), 13-17, 2010.
40. Kabir Sadeghi, Fatemeh Nouban, “A new stress-strain law for confined concrete under cyclic loading”, *International Journal of Academic Research*, 2(4), 6-15, 2010.

#### **9.4. Bulletins presented at international scientific meetings and published in proceedings**

41. Fatemeh Nouban, Kabir Sadeghi, “Assessment of ICZM Application and Requirements of Master Plan for Construction of Harbors in North Cyprus”, *the First International Symposium on Engineering, Artificial Intelligence and Applications, ISEAIA2013*, North Cyprus, 8 November 2013.

42. Kabir Sadeghi, Fatemeh Nouban, Omer Damdelen. An algorithm to simulate the sea wave characteristics numerically: to generate a database for North Cyprus coasts, 2nd International Conference on Water Problems in The Mediterranean Countries - WPMC2019, 6-10 May 2019, TRNC.

### **9.5. International citations**

h-index: 11 (on 10.01.2024)

10-index: 12 (on 10.01.2024)

Citation number: Over 300 (on 10.01.2024)

### **10. Teaching Experiences (last two years):**

- Advanced Project Management (for Master and Ph.D. Programs).
- Safety and health (for undergraduate, Master and Ph.D. Programs).
- Construction Scheduling (for CE and CM Master and Ph.D. Programs).
- Legal Aspects in Construction Management (for CE and CM Master and Ph.D. Programs).
- Project Management (for Undergraduate Program).
- Special Project in Construction Management (for Undergraduate Program).
- Construction Engineering and Management (for Undergraduate Program).

### **11. Languages:**

English (Fluent), French (Fluent), Persian (Native), Turkish (Medium)