

# CURRICULUM VITAE

**1. Name & Surname:** Kabir Sadeghi

**2. Birth date:** July 1955

**3. Title:** Professor

**4. Email:** kabir.sadeghi@neu.edu.tr

## 5. Education status:

Degree	Major	University	Date
Ph.D.	Civil (Structural) Engineering	Centrale Nantes/Université de Nantes, France	1995
D.E.A. (M.Sc.)	Land-based and Maritime Dynamics and Civil Engineering	Centrale Nantes/Université de Nantes, France	1991
M.Sc.	Civil (Structural) Engineering	Amirkabir University of Technology (Tehran Polytechnic), Iran	1987
B.Sc.	Civil Engineering	Amirkabir University of Technology (Tehran Polytechnic), Iran	1979

## 6. Academic Titles:

Degree	Subject	Institution	Date
Professor	Civil Engineering	Near East University, North Cyprus	2016
Associate Professor	Civil and Coastal Engineering	Girne American University, North Cyprus	2010
Assistant Professor	Civil Engineering	Ministry of Science, Research and Technology (MSRT), Iran	1995

## 7. Supervised Master and Doctoral Theses:

**Master:** Number of theses supervised: 20, ongoing theses under supervision: 2

**Ph.D.:** Number of Thesis supervised: 1, ongoing thesis under supervision: 2

## 8. Publications:

### 9.1. Articles published in international peer-reviewed journals Science Citation Index (SCI) (in Web of Science):

#### a)- SCI Articles as the Single Author and First Author:

- Sadeghi, K. (2015). Nonlinear numerical simulation of RC columns subjected to cyclic oriented lateral force and axial loading. *Structural Engineering and Mechanics*, 53(4), 745-765. DOI: <http://dx.doi.org/10.12989/sem.2015.53.4.745>
- Sadeghi, K. (2016). Nonlinear static-oriented pushover analysis of reinforced concrete columns using variable oblique finite-element discretization. *International Journal of Civil Engineering*, 14(5), 295-306. DOI <https://doi.org/10.1007/s40999-016-0045-y>
- Sadeghi, K. (2017). Nonlinear numerical simulation of reinforced concrete columns under cyclic biaxial bending moment and axial loading. *International Journal of Civil Engineering*, 15(1), 113-124. DOI: <https://doi.org/10.1007/s40999-016-0046-x>
- Sadeghi, K. (2014). Analytical stress-strain model and damage index for confined and unconfined concretes to simulate RC structures under cyclic loading. *International Journal of Civil Engineering*, 12(3), 333-343. URL: <http://ijce.iust.ac.ir/article-1-844-en.html>
- Sadeghi, K. (2011). Energy based structural damage index based on nonlinear numerical simulation of structures subjected to oriented lateral cyclic loading, *International Journal of Civil Engineering*, 9(3), 155-164. URL: <http://ijce.iust.ac.ir/article-1-563-en.html>

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, 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>
8. 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>
9. 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>
10. 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>
11. 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>
12. 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>
13. 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>
14. 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>
15. Sadeghi, K., Lamirault, J., & Sieffert, J. G. (1993, 21-23 June). Damage indicator improvement applied on R/C structures subjected to cyclic loading. *Structural Dynamics-Eurodyn* (Vol. 93). A.A. Balkema Publishers, Brookfield, Rotterdam, Netherlands, Vol 1, 129-136. ISBN-10: 9054103361.

**b)- SCI papers as the Second Author:**

16. 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>
17. 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>
18. Al Hour, A., & Sadeghi, K. (2022). Safety management of offshore structures: Overview. *Infrastructure Asset Management*. DOI: <https://doi.org/10.1680/jinam.22.00020>
19. Massumi, A., Sadeghi, K., & Zifan, N. (2019). A novel nondestructive method to quantify fire-induced damage in RC structures based on their dynamic behavior. *Materials and Structures*, 52(6), 132:1-14. DOI: <https://doi.org/10.1617/s11527-019-1434-x>
20. Massumi, A., Sadeghi, K., & Nekuei, M. (2017). A novel multi-objective structural system against earthquake and uncommon environmental loads. *International Journal of Civil Engineering*, 15(5), 737-746. DOI: <http://dx.doi.org/10.1007/s40999-017-0205-8>

21. Hashemi, S. S., Sadeghi, K., Fazeli, A., & Zarei, M. (2019). Predicting the Weight of the Steel Moment-Resisting Frame Structures Using Artificial Neural Networks. *International Journal of Steel Structures*, 19(1), 168-180. DOI: <https://doi.org/10.1007/s13296-018-0105-z>
22. Bakhshizadeh, A., Sadeghi, K., Ahmadi, S. & Royaei, J. (2023) Damage Identification in Long-Span Cable-Stayed Bridges Under Multiple Support Excitations. *Int J Civ Eng* 21, 1275–1290. <https://doi.org/10.1007/s40999-023-00823-7>
23. Royaei, J., & Sadeghi, K. (2021). The seismic behavior of buried seabed walls in liquefaction soil. *Civil Engineering Journal Stavebni Obzor*, 30(1), 89-104. DOI: <http://dx.doi.org/10.14311/CEJ.2021.01.0007>.
24. Massumi, A., Sadeghi, K., & Moshtagh, E. (2018). Effects of Deviation in Materials' Strengths on the Lateral Strength and Damage of RC Frames. *Structural Engineering and Mechanics*, 68(3), 289-297. DOI: <http://dx.doi.org/10.12989/sem.2018.68.3.289>
25. Massumi, A., Sadeghi, K., & Ghaedi, H. (2021). The effects of mainshock-aftershock in successive earthquakes on the response of RC moment-resisting frames considering the influence of the vertical seismic component. *Ain Shams Engineering Journal*, 12(1), 393-405. DOI: <https://doi.org/10.1016/j.asej.2020.04.005>
26. Hashemi, S. S., Sadeghi, K., Javidi, S., & Malakooti, M. (2019). A parametric shear constitutive law for reinforced concrete deep beams based on multiple linear regression model. *Advances in Concrete Construction*, 8(4), 285-294. DOI: <http://dx.doi.org/10.12989/acc.2019.8.4.285>
27. Hashemi, S. S., Sadeghi, K., Vaghefi, M., & Seyed, A. S. (2020). Evaluation of the response modification factor of RC structures constructed with bubble deck system. *Scientia Iranica*, 27(4), 1699-1713. DOI: <http://dx.doi.org/10.24200/SCI.2018.21050>
28. Hashemi, S. S., Sadeghi, K., Javidi, S., & Malakouti, M. (2021). Analysis of RC Deep Beams Considering the Shear Deformations and Bar-concrete Interaction. *Periodica Polytechnica Civil Engineering*, 65(1), 99-108. DOI: <http://dx.doi.org/10.3311/PPci.16192>
29. Hashemi, S. S., Sadeghi, K., Vaghefi, M., & Shayan, K. (2017). Evaluation of ductility and response modification factor in moment-resisting steel frames with CFT columns. *Earthquakes and Structures*, 12(6), 643-652. DOI: <http://dx.doi.org/10.12989/eas.2017.12.6.643>
30. Hashemi, S. S., Sadeghi, K., Vaghefi, M., & Siadat, S. A. (2018). Evaluation of ductility of RC structures constructed with bubble deck system. *International Journal of Civil Engineering*, 16(5), 513-526. DOI: <https://doi.org/10.1007/s40999-017-0158-y>

## 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 (9.2).

32. Sadeghi, K., & Ghaboun, N. (2019). Significant Guidance to Employ the Software to Analyze and Design the Reinforced Concrete Structures: State-Of-The-Art. *International Journal of Innovative Technology and Exploring Engineering (IJITEE)*, 8(9) 1160-1169. DOI:10.35940/ijitee.I8035.078919 [Scopus Index-Journal (2019)].
31. 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 Applied Mechanics and Engineering*, 2023; 28(2):24–33, DOI: <https://doi.org/10.59441/ijame/168936>
33. Alkhatab, M., Resatoglu, R., Sadeghi, K., & Alibrahim, B. (2019). Seismic performance of steel frames with inverted V-braces for North Cyprus, *International Journal of Innovative Technology and Exploring Engineering*, 9(1), 4314-4321. DOI: <http://dx.doi.org/10.35940/ijitee.A4956.119119> [Scopus Index-Journal (2019)].

34. Sadeghi, K. (2001, 30 April – 2 May). Proposition of a simulation procedure for the non-linear response of R/C columns under cyclic biaxial bending moment and longitudinal loading. *Proceedings First International Conference on Concrete and Development*, Ministry of housing and urban development, Tehran, Iran, 233-239.

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

#### **a)- As the Single Author and First Author:**

35. Sadeghi, K. (2007). An overview of design, analysis, construction and installation of offshore petroleum platforms suitable for Cyprus oil/gas fields. *GAU Journal of Soc. & Applied Sciences*, 2(4), 1-16.
36. Sadeghi, K. (2008). Significant guidance for design and construction of marine and offshore structures. *GAU Journal of Social & Applied Sciences*, 4(7), 67-92.
37. Sadeghi, K. (2007). A numerical simulation for predicting sea waves characteristics and downtime for marine and offshore structures Installation operations. *GAU Journal of Soc. & Applied Sciences*, 3(5), 1-12.
38. Sadeghi, K. (1994). Proposition of a simulation procedure for the non-linear response of R/C columns or piles under oriented lateral loading. *International Journal of Engineering*, 5(2a), 1-10.
39. Sadeghi, K., & Moctar H. I. (2023). Strong Column-Weak Beam Concept and Stiffness Factor Study for Moment Resisting Frames, *International Journal of Innovative Science and Research Technology*, 8(1), 1856-1861. DOI: <https://doi.org/10.5281/zenodo.7628532>
40. Sadeghi, K., & Mohamed, S. M. S. (2019). Characteristic constitutive laws of concrete under monotonic compression loading, *Academic Research International*, 10(2), 40-47.
41. Sadeghi, K., & Getachew, Y. (2019). Significant guideline for the damage indices applied to reinforced concrete structures, *Academic Research International*, 10(2), 29-39.
42. Sadeghi, K., & Abdi, S. (2019). Constitutive laws for confined concrete subjected to cyclic loading: State-of-the-art, *Academic Research International*, 10(2), 1-14.
43. Sadeghi, K., & Elasad, M. (2020). An overview of types, applications, design and fabrication of tension leg platforms, *Academic Research International*, 11(3), 1-9.
44. Sadeghi, K., Musa, M. K., & Nassrullah, H. M. (2019). Corrosion problems in RC structures: an overview of causes, mechanism, effects, controls and evaluation. *Academic Research International*, 10(2), 15-28.
45. Sadeghi, K., & Musa, M. K. (2019). Semisubmersible platforms: design and fabrication: an overview, *Academic Research International*, 10(1), 28-38.
46. Sadeghi, K., & Dilek, H. (2019). An introduction to the design of offshore structures, *Academic Research International*, 10(1), 19-27.
47. Sadeghi, K., & Al-Othman, D. (2019). An introduction to onshore structures' construction. *Academic Research International*, 10(1), 1-12.
48. Sadeghi, K., & Angin, M. (2018). Characteristic Formulas of Damage Indices for Reinforced Concrete Structures: A General Guideline. *Academic Research International*, 9(3), 8-18.
49. Sadeghi, K., Muhammad, S. M., & Sofy, S. A. (2018). Constitutive laws for compression concrete under monotonic and cyclic loading: Characteristic models. *Academic Research International*, 9(2), 11-23.
50. Sadeghi, K., Sarhad A., Zhiry H., Application of sheet piles in onshore and marine structures, *Asian Journal of Natural & Applied Sciences*, Japan, 7(1), March 2018, 10-18.

51. Sadeghi, K., & Guvensoy, A. (2018). Compliant tower platforms: A general guidance for analysis, construction, and installation. *Academic Research International*, 9(1), 39-49.
52. Sadeghi, K., Abdullahi, I. S. & Albab, H. F. (2018). Classification of seawalls and their failure: An overview, *Academic Research International, Journal*, 9(1), 12-19.
53. Sadeghi, K., Derki, A., & Shlash, A. (2018). Dry docks: Overview of design and construction, *Academic Research International, Journal*, 9(1), 1-11.
54. Sadeghi, K., & Haladu, A. B. (2018). Offshore tower platforms: an overview of design, analysis, construction and installation. *Academic Research International*, 9(1), 62-70.
55. Sadeghi, K., Al Haj Houseen, Q., & Abo Alsel, S. (2018). General guidance for design and construction of gravity platforms. *Asian Journal of Natural and Applied Sciences*, 7(1), 19-27.
56. Sadeghi, K., & Tozan, H. (2018). Tension leg platforms: An overview of planning, design, construction, and installation. *Academic Research International*, 9(2), 55-65.
57. Sadeghi, K., Akbil, Ö., & Angın, M. (2018). General guidance for planning and design of harbors. *International Journal of Scientific and Research Publications*, 8(1), 128-134.
58. Sadeghi, K., Al-koily, K., & Nabi, K. (2017). General guidance for the design, fabrication and installation of jack-up platforms. *Asian Journal of Natural & Applied Sciences*, 6(4), 77-84.
59. Sadeghi, K., & Almuhsen, M. (2017). Concrete caisson breakwaters: An overview on design and construction. *Asian Journal of Natural & Applied Sciences* 6(4), 100-106.
60. Sadeghi, K., & Babolian, M. (2016). An overview and a WBS template for construction planning of medium-sized petroleum refineries. *Academic Research International*, 7(2), 19-33.
61. Sadeghi, K., & Sadeghi, A. (2013). Local and microscopic damage indices applicable to RC structures and concretes subjected to cyclic loading. *International Journal of Academic Research*, 5(4), 216-221. DOI: [10.7813/2075-4124.2013/5-4/A.30](https://doi.org/10.7813/2075-4124.2013/5-4/A.30)
62. Sadeghi, K., & Nouban, F. (2013). Numerical simulation of sea wave characteristics and its applications on Mediterranean Sea waters. *International Journal of Academic Research*, 5(1), 126-133.
63. Sadeghi, K., & Nouban, F. (2010). A simplified energy based damage index for structures subjected to cyclic loading. *International Journal of Academic Research*, 2(3), 13-17.
64. Sadeghi, K., & Nouban, F. (2010). A New Stress-Strain Law for Confined Concrete under Cyclic Loading. *International Journal of Academic Research*, 2(4), 6-15.
65. Sadeghi, K., Dzayi, G. J., & Alothman, Z. (2017). An overview of generation, theories, formulas and application of sea waves. *Academic Research International*, 8(4), 57-67.
66. Sadeghi, K., Al Haj Houseen, Q., & Abo Alsel, S. (2017). Gravity platforms: Design and construction overview. *International Journal of Innovative Technology and Exploring Engineering (IJITEE)[Online]*, 7(3), 6-11.
67. Sadeghi, K., Abdeh, A., & Al-Dubai, S. (2017). An overview of construction and installation of vertical breakwaters. *International Journal of Innovative Technology and Exploring Engineering*, 7(3), 1-5.

**b)- As the Second Author:**

68. Nouban, F., & Sadeghi, K. (2016). Rough estimation of breakwaters' materials required for construction of harbors. *Academic Research International*, 7(3), 56-65.
69. Nouban, F., & Sadeghi, K. (2014). Analytical model to find the best location for construction of new commercial harbors. *Academic Research International*, 5(6), 20-34.



70. Nouban, F., Sadeghi, K., & Abazid, M. (2017). An Overall Guidance and Proposition of a WBS Template for Construction Planning of the Template (Jacket) Platforms. *Academic Research International*, 8(4), 37-56.
71. Muiyiwa, O. A., & Sadeghi, K. (2007). Construction planning of an offshore petroleum platform. *GAU Journal of Soc. & Applied Sciences*, 2(4), 82-85.
72. Yassin, A., & Sadeghi, K. (2023). Structure Behaviour under Seismic loads using X-Bracing, Inverted V-Bracing Systems and without Bracing, *International Journal of Innovative Science and Research Technology*, 8(1), 1091-1098. DOI: <https://doi.org/10.5281/zenodo.7601776>
73. Alhodairy, Y. S., & Sadeghi, K. (2019). Application of artificial neural network to predict the wave characteristics to improve the sea waves and current forces applied on the jacket platform legs. *Journal of Pure & Applied Sciences*, 18(4), 7-12.
74. Janvier De Thales, A. K. & Sadeghi, K. (2019). Causes of fatigue in offshore structures, *International Journal for Modern Trends in Science and Technology*, 7(7), 80-86. DOI: <http://dx.doi.org/10.46501/IJMTST0707014>.

**c)- As the Third Author:**

75. Fatemi, A. A., Tabrizian, Z., & Sadeghi, K. (2016). Non-Destructive Static Damage Detection of Structures Using Genetic Algorithm. *International Journal of Civil and Environmental Engineering*, 3(3), 1-5.
76. Hashemi, S. S., Hemmat, M., Sadeghi, K., Vaghefi, M., & Masihzadeh, A. (2017). Numerical investigation of fillet welds effects on the ultimate strength and local buckling of box steel columns, *Malaysian Journal of Civil Engineering* 29(3), 289-306.
77. Nouban, F., French, R., & Sadeghi, K. (2016). General guidance for planning, design and construction of offshore platforms. *Academic Research International*, 7(5), 37-44.

**9.4. Articles presented at scientific seminars, conferences, and congress, published in proceedings**

78. Sadeghi, K., Lamirault, J., & Sieffert, J. G. (1993, 24-26 March). Proposition de définition d'un indicateur de dommage: Troisième Colloque National, Génie parasismique et Aspects Vibratoires dans le Génie Civil. France, Paris, Volume II, 47- 56. [Published Conference proceedings].
79. Sadeghi, K. (1998, 12-16 October). Proposition of a damage indicator applied on R/C structures subjected to cyclic loading. *Fracture Mechanics of Concrete Structures Proceedings FRAMCOS-3*, AEDIFICATIO Publishers, D-79104 Freiburg, Germany, Vol 1, 707-716. ISBN 3-931681-21-1. [Published conference proceedings book].
80. Sadeghi, K., & Aleali, S. A. (2008, 13-15 December). Applied technical proposal for planning, design and installation of offshore wind farms suitable for Persian Gulf, Oman Sea and Caspian Sea. *Eighth International Conference on Coasts, Ports & Marine Structures (ICOPMAS 2008)*, Ports and Maritime Organization, Tehran, Iran, 40-44. [Published conference proceedings book].
81. Sadeghi, K. Nouban, F., Damdelen, O. "Analytical modeling of the characteristics of sea waves of the northern coastal zones of Cyprus by applying a proposed simplified algorithm", the Second International Conference on Water Problems in Mediterranean Countries "WPMC2019", North Cyprus, 7 May 2019.
82. Sadeghi, K. (2004, 29 November - 2 December). An analytical approach to predict downtime in Caspian Sea for installation operations. *Sixth International Conference on Coasts, Ports & Marine Structures (ICOPMAS 2004)*, Ports and Maritime Organization, Tehran, Iran, Vol. 1, 83-95. [Published conference proceedings book].

83. Sadeghi, K. (1998, 13-15 December). A new formulation of damage indicator for structures subjected to cyclic and monotonic loading. *Third International Conference on Coasts, Ports & Marine Structures (ICOPMAS98)*, Tehran, Iran, Vol 1, 36-46. [Published conference proceedings book] <https://civilica.com/doc/33364/>
84. Sadeghi, K., & Lamirault, J. (1993, 15-16 October 1993). A simulation procedure for the non-linear response of R/C columns under oriented lateral loading. *Construction 2000, International Symposium*. Cluj Napoca, Romania, Vol. 1, 145-152. [Published Conference proceedings].
85. Sayyari M., Sadeghi K., “Numerical Simulation for Elastic Design of piles under lateral loading”, *Proceedings of The Third International Conference on Coasts, Ports & Marine Structures (ICOPMAS “98”)*, Vol. 2, 171-181, Dec. 1998. <https://civilica.com/doc/33444/>.
86. Sadeghi K., “Design & Construction of the Offshore Template Platforms”, *Proceedings of the First Seminar of Port Construction*, Vol. 1, 36-65, Tehran, 1986.
87. Sadeghi, K. (2013, 6-8 November). An overview on design, construction and installation of offshore template platforms suitable for Persian Gulf Oil/Gas Fields. *First International Symposium on Engineering, Artificial Intelligence and Applications (ISEAIA2013)*. Girne American University, Kyrenia, North Cyprus.
88. Sadeghi, K., French, R., & Sadeghi, A. (2014, 5-7 November). An Overview on Damage Indices Applied on the Structures Subjected to Cyclic Loading. *Second International Symposium on Engineering, Artificial Intelligence and Applications (ISEAIA 2014)*. [Published Abstract proceedings]
89. Nouban, F., & Sadeghi, K. (2013, 6-8 November). 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*. Girne American University, Kyrenia, North Cyprus, 2-4. [Published Abstract proceedings]

## 9.5. Books published

90. Sadeghi, K. (2001). Coasts, ports and offshore structures engineering. *Power and Water University of Technology, Tehran, Iran*, 502 pages, ISBN: 964-93442-0-9.
91. Sadeghi, K. (1989). Design of Marine and Offshore Structures, Published by *K.N. Toosi University of Technology*, 1989, Tehran, 456 pages.

## 9.6. International citations

h-index: 18	(on 09.09.2023)
10-index: 27	(on 09.09.2023)
Citation number: 926	(on 09.09.2023)

## 10. National & International Projects' Reports:

1. Sadeghi, K. (2010), Technical Specifications and Basic Design for the Coastal and Sea Bridge Part of the Lapithos/Lapta Coastal Walkway Project part of local and urban infrastructure sponsored by EU COMMISSION/Lapta Municipality, (Document no.: LAPTA.WW.ST.SP.101), North Cyprus, Lapta.
2. Sadeghi, K. (2002). Numerical simulation and experimental test of compression confined and unconfined concretes. *Water Resources Management Organization, Ministry of Energy, Concrete Laboratory of Power and Water University of Technology*.

## 11. Administrative Duties

### 11.1. Academic positions held:

2015 - Present Near East University Cyprus	Head of the Department of Civil Engineering of the Institute of Graduate Studies /Head of Civil Engineering Department of CEE faculty/Lecturer  Responsible for staff and academics of the civil engineering undergraduate and postgraduate programs / Research duties for structural engineering / teaching the courses onshore and offshore structures, design of reinforced concrete structures, structural analysis, and plastic design of structures (Undergraduate, Master, and Ph.D. levels).
2005 - 2015 Girne American University Cyprus	Founder and Head of Civil Engineering Department/Lecturer  Responsible for accreditation and qualification of the civil engineering program, managing guidelines for staff and curriculum of the civil engineering undergraduate / Research duties for the structural engineering / teaching the courses design of steel structures, design of reinforced concrete structures, structural analysis and ultimate design of structures (Undergraduate level). See also the list of courses taught.
1995 - 2005 Shahid Beheshti University, Technical Campus (PWU of Technology), Iran	Research Vice-Rector, Dean of Faculty, Head of Dept./ Lecturer  Responsible for the University research programs, staff and academics of the civil engineering faculty undergraduate and postgraduate programs / Research duties for the structural engineering / teaching the courses offshore structures, design of reinforced concrete structures, structural analysis and ultimate design of structures (Undergraduate and Master levels). See also the list of courses taught.
2000 - 2001, 2005 Amirkabir University of Technology, Tehran, Iran	Invited Professor/ Lecturer  Teaching the courses “Design of Floating Platforms” and “Principals of Ports and Coastal Engineering”, (Master level).
1996 - 1997 Sharif University of Technology, Tehran, Iran	Invited Professor/ Lecturer  Teaching the course “Principals of Ports and Coastal Engineering” (Master level).
1987 - 1990 Iran University of Science and Technology, Tehran, Iran	Invited Professor/ Lecturer  Teaching the courses “offshore structures” (Undergraduate and Master levels).
1986 - 1990 K.N Toosi University of Technology, Tehran, Iran	Invited Professor/ Lecturer  Teaching the courses “offshore structural design”, “pavement design” and “construction materials” (Undergraduate level).

### 11.2. Administrative assignments (teaching, research, general):

- Head of Civil Engineering Department, Postgraduate Programs, Near East University
- Head of Civil Engineering Department, Near East University
- Professor of Civil (Structural) Engineering, Near East University
- Member of the committee for getting the accreditation for the BSc./Msc. Civil Engineering programs for ASIIN accreditation, Near East University
- University Executive Board Member, Girne American University
- Founder and Head of Civil Engineering Department, Girne American University
- Graduation School Board Member, Girne American University
- Member of the committee for getting the accreditation for the BSc. Engineering program for ASIIN accreditation, Girne American University
- Vice-Rector in Research Sector, Power and Water University of Technology
- Dean of Engineering Faculty, Power and Water University of Technology
- Head of Civil Engineering Department, Power and Water University of Technology
- Assist. Professor of Civil Engineering, Power and Water University of Technology
- Vice-President of Port and Maritime Organization
- Project manager of onshore and offshore structural projects
- Structural technical consultant of buildings, industrial, and offshore structural projects
- Engineering project manager of offshore structural projects
- Structural Engineer



### 11.3. Joint efforts and cooperation with industry, national & international projects:

Date	Firm	Position held
1996 - 2005	Amid Engineering & Development Company	<p>- Project Manager of Resalat (R1) Offshore Complex Renovation and Reconstruction Project Responsible for the design, bathymetry surveying, piles and soil mechanics tests, coordination between different contractors and consultants, project progress and budget control.</p> <p>- Engineering Director and Head of Offshore Wellhead Platforms Project (Jacket Projects) Responsible for the design, bathymetry surveying, piles, and soil mechanics tests, coordination between third-party surveying bodies and consultants, and project progress control.</p>
2001-2005	APS (Client: KEPCO) <a href="http://www.aps.ir/">http://www.aps.ir/</a>	<p>Neka multi-purpose harbor Design in the Caspian Sea. Senior Engineering Consultant, Design Review of Amirkabir (Iran-Alborz) Semi-Submersible Drilling Rig Platform in the Caspian Sea. Responsible for control of the design of waves' characteristics and platform design and construction control.</p>
2000-2003	IOOC	<p>Engineering Project Manager, Offshore Petroleum Platforms EPC Contract (Jackets Project), Design Review (Detailed Design by Technip/France, Installation, and Construction Engineering by IOEC, endorsement by Saipem/Italy.) Responsible for the design, bathymetry surveying, piles, and soil mechanics tests, coordination between the third-party surveying body and consultants, and project progress control.</p>
1995-1996	APS <a href="http://www.aps.ir/">http://www.aps.ir/</a>	<p>Senior Engineering Consultant, Bandar Abbas Dry Docks Project, Engineering Phase 1 Responsible for the design, tension piles, soil mechanics tests and buoyancy forces control, and project progress control.</p>
1987 - 1990	Iranian Port and Maritime Organization	<p>Member of the Board of Directors and Engineering/Technical Deputy of Managing Director Responsible for the design, bathymetry surveying, soil mechanics tests, all design and construction/repairing activities of the harbors of Iran in the Persian Gulf and the Caspian Sea, coordination between the third-party surveying body and consultants, and project progress control. Technical control of all petroleum and commercial harbors of Iran.</p>
1985 - 1987	Fishers Organization	<p>Senior Marine Structural Consultant and Project Manager of Construction of Hormoz Fishing Port. Responsible for the design and construction, bathymetry surveying, soil mechanics tests of fishing Hormoz port, project progress, and budget control.</p>
1982 - 1985	Iranian Offshore Oil Company (IOOC)	<p>Structural Engineer of Offshore Template Platforms, supervisor and design review of Nosrat template platform (N1) project engineer Responsible for the design, bathymetry surveying, soil mechanics tests, all design and construction/repairing activities of the offshore platforms of Iran in the Persian Gulf, coordination between the contractors and consultants, and project progress control. Technical control of all petroleum platforms of Iran in the Persian Gulf.</p>
1980 – 1982	Tavanir (Power Company)	<p>Structural Engineer Responsible for controlling the design, and construction/repairing activities of the steam and gas power plants of Iran.</p>

#### 11.4. International Technical Supervisions:

Date	Job Name (Employer)	Duration	Institution/Location
2000-2001	Offshore Platforms Detailed Design Supervision (IOEC Co.)	5 months	Technip-France/Paris
1997	Offshore Platforms Installation Engineering Supervision (IOEC Co.)	2 month	Seaway Heavy Lifting Engineering (SHL)/Netherlands
1996	Offshore Platforms Detail Design Supervision (IOEC Co.)	1 month	Technip-France/Paris
1982	Design and Construction Supervision of Nosrat Offshore Platform (IOOC Co.)	2.5 months	Representative of Client in the Project, Ipco Marine/Promet/Singapore

#### 12. Memberships in Scientific and Professional Organizations:

Date	Institution	Type of Membership
2019-present	International Journal of Advanced Engineering, Science and Applications: <a href="https://www.londontechpress.co.uk/index.php/ijaesa/about/editorialTeam">https://www.londontechpress.co.uk/index.php/ijaesa/about/editorialTeam</a>	Editor-in-Chief
2014- present	International Journal of Coastal and Offshore Engineering <a href="https://ijcoe.org/page/13/Editorial-Board">https://ijcoe.org/page/13/Editorial-Board</a>	Member of Editorial Board
2023- present	Computational Methods in Engineering Sciences, Journal <a href="https://cmes.ilam.ac.ir/journal/editorial.board?edbc=24217&amp;lang=en">https://cmes.ilam.ac.ir/journal/editorial.board?edbc=24217&amp;lang=en</a>	International Editorial Board
2023- present	Applied Researches in Water Engineering, Journal <a href="https://arwe.lu.ac.ir/journal/editorial.board?edbc=24432">https://arwe.lu.ac.ir/journal/editorial.board?edbc=24432</a>	International Editorial Board
1988 -1990	First International Conference on Coasts, Ports & Marine Structures (ICOMPAS “90”)	<b>Founder &amp; Chairman</b> of the Organizing Committee and Chairman of the Scientific Committee
1994 -1996	ICOMPAS “96”	Chairman of Scientific Committee
1996-1998	ICOPMAS “98”	Chairman of Scientific Committee
2002-2004	ICOPMAS “2004”	Chairman of Scientific Committee
2004-2006	ICOPMAS “2006”	Member of Scientific Committee
2006-2008	ICOPMAS “2008”	Member of Scientific Committee
2008-2010	ICOPMAS “2010”	Member of Scientific Committee
2010-2012	ICOPMAS “2012”	Member of Scientific Committee
2012-2014	ICOPMAS “2014”	Member of Scientific Committee
2014-2016	ICOPMAS “2016”	Member of Scientific Committee
2016-2018	ICOPMAS “2018”	Member of Scientific Committee
2020-2022	ICOPMAS “2022”	Member of Scientific Committee
2017-2018	7th World Conference on Applied Science, Engineering and Technology <a href="https://www.linkedin.com/posts/activity-6422110910747328513-4Ji">https://www.linkedin.com/posts/activity-6422110910747328513-4Ji</a>	Member of Organizing Committee
2019-2021	5 <sup>th</sup> International Conference on Natural Resources and Sustainable Environment Management <a href="https://nrsem2021.neu.edu.tr/committees/scientific-committee/">https://nrsem2021.neu.edu.tr/committees/scientific-committee/</a>	Member of Scientific Committee

### **13. Organization of conferences:**

Founder of the biannual International Conference on Coasts, Ports, and Marine Structures (ICOPMAS)

### **14. Awards:**

Scientific Publication Award, NEU, North Cyprus, 2021

Scientific Publication Award, NEU, North Cyprus, 2019

Scientific Publication Award, NEU, North Cyprus, 2018

Scientific Publication Award, NEU, North Cyprus, 2017

Scientific Publication Award (DESEM2016), NEU, North Cyprus, 2016

Award of Outstanding Professor, Power and Water University of Technology (Shahid Beheshti University, Technical Campus), 1999

Letter of appreciation awarded by the Minister of Road & Transportation of Iran for well Organizing ICOPMAS98, 1998

Letter of appreciation awarded by TOTAL-FINA-ELF Company of France for good organizing of analysis and design of Kharg offshore water intake facilities for a petroleum refinery, 2003. (To see the letter, please visit the website of <http://www.aps.ir> and select >>> **About us** >>> **Certificate** >>> **Appreciation Letters**)

### **15. Academic Teaching background:**

I have taught the following listed courses in Sharif University of Technology/Tehran, Amirkabir University of Technology/Tehran, Iran University of Science and Technology/Tehran, Power and Water University of Technology/Tehran, Girne American University/North Cyprus and Near East University/North Cyprus since 1988 to present:

- Finite Element Method
- Design of Onshore and Offshore Structures
- Design of Coastal and Harbor Structures
- Special Project
- Elasticity
- Building Design Form and Structure 1
- Structure Constructional Technology & Eco 1
- Dynamics of Structures
- Advanced Foundation Design
- Computer Application in Management
- Determination of Building Components in Industrial Buildings
- Computer Application in Building Project
- Computer Application in Civil Engineering
- Building Technology
- High Rise & Long-Span Structures
- Project Planning and Management
- Statics
- Strength of Materials
- Dynamics
- Structural Analysis 1
- Structural Analysis 2
- Design of Steel Structures 1
- Design of Steel Structures 2
- Project of Steel Structures
- Reinforced Concrete Structures 1
- Reinforced Concrete Structures 2
- Plastic Design of Structures
- Project of Reinforced Concrete Structures

- Computer Application in the Design of Structures
- Foundation Design
- Earthquake Engineering
- Postgraduate (Master and Ph.D.) thesis supervising

#### 16. The postgraduate and undergraduate level courses taught in the last two years

Academic year	Semester	Course name	Weekly hours	
			Theoric	Practical
2021-2022	Fall	Ultimate Design of Structures (Ph.D. course)	3	-
		Ultimate Design Of Structures (Master Course)	3	-
		Reinforced Concrete Theory (Undergraduate Course)	4	-
		Special Project (Undergraduate Course)	4	-
	Spring	Reinforced Concrete Building Design Fundamentals & Details (Ph.D. Course)		
		Reinforced Concrete Building Design Fundamentals & Details (Master Course)	3	-
		Reinforced Concrete Theory (Undergraduate Course)	4	-
		Special Project (Undergraduate Course)	4	-
	Summer	Reinforced Concrete Theory (Undergraduate Course)	4	-
2022-2023	Fall	Plastic Design of Structures (Ph.D. Course)	3	-
		Plastic Design of Structures (Master Course)	3	-
		Reinforced Concrete Theory (Undergraduate Course)	4	-
		Special Project (Undergraduate Course)	4	-
	Spring	Onshore and Offshore Engineering and Management (Ph.D. course)	3	-
		Ports and Harbor Engineering (Master Course)	3	-
		Reinforced Concrete Theory (Undergraduate Course)	4	-
		Special Project (Undergraduate Course)	4	-
	Summer	Reinforced Concrete Theory (Undergraduate Course)	4	-

#### 17. Languages:

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