

Assoc. Prof. Dr. Mohamed Laissy
Civil Engineering Department, University of Prince Mugrin

Education

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
PhD	Structural Engineering	Cairo University, Egypt	2010
MS	Structural Engineering	Ain-Shams University, Egypt	2002
BS	Civil Engineering	M.T.C, Egypt	1993

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i>	<i>FT or PT</i>
2024	Present	University of Prince Mugrin, KSA	Associate Professor	Head of the civil Engineering Department	Full
2017	2024	University of Prince Mugrin, KSA	Assistant Professor	Head of the civil Engineering Department	Full
2014	2016	Omar Al-Mukhtar University	Assistant Professor	Acting Head of Architectural Engineering Department	Full
2013	2014	Al Zawiya University, Al Zawiya, Libya	Assistant Professor	Faculty Member	Full
2012	2013	Modern University for Technology and Information, Egypt	Assistant Professor	Faculty Member	Full

Non-Academic Experience

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Position</i>	<i>FT or PT</i>
2008	2012	Egyptian Army Forces	Chief officer Engineer	Full
1993	2008	Egyptian Army Forces	Officer Engineer	Full

Certifications or Professional Registrations

Registered Engineer in the Saudi Council of Engineers (SCE), since 2022

Registered Engineer in the Egyptian Council of Engineers, (ECE) since 1993

Current Membership in Professional Organizations

<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1. Saudi Council of Engineers, SCE	Member	2022
2. Egyption Council of Engineers, ECE	Member	1993

Honors and Awards

1. Certificate of appreciation for contributing efforts in the students' clubs, University of Prince Mugrin 2024.
2. Certificate of appreciation for contribution efforts to UPM being awarded institutional Accreditation, University of Prince Mugrin 2022.
3. Certificate of appreciation for contributing efforts in the students' clubs, UPM, 2021.

4. Certificate of appreciation for participating in the Eighth Undergraduate Research Competition, University of Abu Dhabi University 2021
5. A certificate of appreciation from Prince Muqrin bin Abdulaziz University for the efforts made in arbitrating His Excellency Dr. Ghassan Al-Sulaiman's Award for Creativity and Innovation for the academic year 2021
6. Prince Mansour bin Muqrin Award for Distinguished Staff, University of Prince Muqrin 2020.
7. Certificate of appreciation from Omar Al-Mukhtar University - Libya - for effective efforts in effective participation in the educational process, 2015
8. United Nations Medal in recognition of duties in the service of peace as a Military Member on the United Nation Mission in Sudan, UNMIS, 2005.

Institutional and Professional Services

1. Member of University Strategic Planning Committee, University of Prince Muqrin, 2023- Present.
2. Head of the College of Engineering Curriculum Review Committee, University of Prince Muqrin, 2022-present.
3. Internal Auditor, Academic Accreditation Reviewer by NCAAA, 2022 – Present.
4. Head of the Civil Engineering Department, University of Prince Muqrin, 2017- Present.
5. Member of University Council, University of Prince Muqrin, 2017- present.
6. Participating in the academic evaluation process for the Master of Urban Design program and conducting the external review of King Saud University 2022.
7. Volunteering in assisting and evaluating graduation projects for students of the Faculty of Engineering, Taibah University 2022.

Principal Publications/Presentations from the Past Five Years

1. The ICSDI 2024 conference. Paper titled Sustainable Restoration and preservation of Makhlet Castle of the Hejaz Railway, both structurally and culturally. February 18–22, 2024, in Riyadh, Saudi Arabia.
2. The ICSDI 2024 conference. Paper titled 3D Printing Technology for Construction: A Structural Shift in Building Infrastructure. February 18–22, 2024, in Riyadh, Saudi Arabia.
3. Laissy, M., Al-Turkmani, Z., Atarji, O., & Saud, A. (2023). A Comparative Study of the Seismic Response of Different Concrete Slab Systems for a Multistory Building in Madinah. *Engineering, Technology & Applied Science Research*, 13(5), 11715-11720.
4. Laissy, M. Y. (2023). Investigation of Shear Walls Openings on the Performance of Seismic Loads for irregular Reinforced Concrete Structures on sloped terrain. *SCIREA Journal of Civil Engineering and Building Construction*, 8(3).
5. Laissy, M. Y., & Alluqmani, A. E. (2023). Thermal Effect on the Design Loads of Multi-Storey RC Buildings on Sloped Terrain in Saudi Arabia. *Journal of Applied Engineering Sciences*, 13(1).
6. Laissy, M. Y. (2022). Effect of Different Types of Bracing System and Shear Wall on the Seismic Response of RC Buildings Resting on Sloped Terrain. *Civil Engineering Journal*, 8(9), 1958-1976.
7. Laissy, M. Y. I. (2021). Investigating Projectile Penetration of Concrete Blocks Reinforced by Different Material. *Investigating Projectile Penetration of Concrete Blocks Reinforced by Different Material*, 1-48.
8. Laissy, M., & Ismaeil, M. (2021). Effect of Ceramic and Fibers on The Projectile Penetration of Concrete Blocks.
9. Elhozayen, A., Laissy, M. Y., & Attia, W. A. (2019). Investigation of high-velocity projectile penetrating concrete blocks reinforced by layers of high toughness and energy absorption materials. *Civ. Eng. J*, 5, 1518-1532.
10. ELHOZAYEN, A., Lassi, M. Y., & Attia, W. A. (2019). Numerical modeling of high-velocity, projectile penetrating concrete blocks reinforced by teflon sheets. *WIT Trans. Eng. Sci*, 125, 15-25.
11. Mahamid, I., & Laissy, M. (2019). Time Overrun in Construction of Road Projects in Developing Countries: Saudi Arabia as a Case Study. *Int. J. Eng. Inf. Syst.(IJEAIS)*, 3, 18-23.
12. Laissy, M., & Ismaeil, M. (2019). Strengthening methods of the existing reinforced concrete school buildings in Medina, Saudi Arabia. *population*, 1, 3.

Recent Professional Development Activities

1. Promotion to Associate Professor in Civil Engineering - Construction Specialization based on the decision issued by the Scientific Council of Taiba University No. 6 in the 19th meeting dated March 24, 2024
3. Utilizing artificial intelligence in the transformation of teaching and learning, presented by the National Center for E-Learning in the Kingdom of Saudi Arabia, 2024
4. Artificial Intelligence in Education: Engaging learners through digital technologies, King Fisal University, 2024
5. Modern trends in creation and delivering tests, King Fisal University, 2024
6. Digital Formative Assessment, University of Prince Mugrin, 2024
7. AI For Everyone, Coursera, 2024
8. Introduction to Project Management, Coursera, 2024
9. Innovative Teaching with ChatGPT, Coursera, 2024
10. Webinars - ABET's Engineering Accreditation Commission, May, 2024.
11. Workshop on ABET Accreditation. COE, Apr. 2024.
12. Workshop on ABET Accreditation. COE, May 2024.
13. Using and Creating Effective Rubrics. May. 08, 2024.
14. Teaching/Learning Strategies and Assessment Methods, Mar 2023.
15. Program Specifications: A Roadmap for the Transformation from SAQF to NQF, Jan 2023.
16. Comprehensives Quality to improve Competitiveness in Educational Institutions, King Fisal University, 2023
17. Occupational Safety and Risk Handling, training and development department of Saudi Council of Engineering, May 2023.
18. The Saudi construction code SBC 302, training and development department of Saudi Council of Engineering, June 2023.
19. How Data-Driven Instruction Builds Student Confidence, McGrawHill, June, 2023
20. DigiClass Modules, institution calendar management, Program calendar management, program inputs (curriculum) May, 2023.
21. DigiClass Modules, Course Coordinator Management Student Grouping, May 2023.
22. DigiClass Modules, Course Scheduling, Staff Leave Management, May 2023.
23. DigiClass Modules, Timetable & Attendance Management, Learning Resources & Activities Calendar Management, Attendance Process Onsite & Online and Viewing Learning Resources May 2023.
24. DigiClass Modules, Reports & Analytics and Dashboards, May 2023.
25. The Eligibility Requirements for NCAAA Programmatic Accreditation, UPM April 2022.
26. Self Evaluation Scales for Programmatic Accreditation, UPM April, 2022
27. Moodle as a Learning Management System, Mar. 2022.
28. EON-XR Educator Course UPM –November –2022
29. Using the Project Management Waterfall Methodology to Extract Benefits from the Course Report, May 2022
30. Tips for Writing a Good Research Paper, Oct. 2021.
31. Blended Learning, Oct. 2021.
32. Forming Learning outcomes for program and courses, UPM Jan. 2019