

Curriculum Vitae

Dr. Ahmed A. Mezaien



Academic Rank
Assistant Professor

Education

- Ph.D. in Architecture, 2022. Texas A&M University - College Station, Texas
- Master of Architecture, 2017. The Catholic University of America - Washington, DC
- M.Sc. in Sustainable Design, 2017. The Catholic University of America - Washington, DC
- Bachelor of Architecture, 2011. King Abdul Aziz University - Jeddah, Saudi Arabia (class rank: 7 of 123)

Academic Experience

- Assistant Professor in Architectural Engineering Dept. - College of Engineering - Jazan University, Jazan – Saudi Arabia. From 2022 - Present
- Lecturer in Architectural Engineering Dept. - College of Engineering - Jazan University, Jazan – Saudi Arabia. From 2021 to 2022
- Graduate Assistant in the Department of Architecture, Texas A&M University, College Station, TX. From 2018 – 2019
- Teaching Assistant in Architectural Engineering Dept. - College of Engineering - Jazan University, Jazan – Saudi Arabia. From 2012 to 2021

Non-academic Experience

- Architect at Talal Yahya Ashgan & Associates Engineering Office (TYA & Associates), Jeddah, Saudi Arabia. From 2010 - 2012.
- Internship student at Yousef Saeedi Office Engineering Consultant, Jeddah, Saudi Arabia. From 06-2009 to 08-2009.

Certifications or Professional Registrations

- LEED Green Associate credential. From 01-2022 – Present
- U.S. Green Building Council (USGBC) member
- ASHRAE member
- American Solar Energy Society (ASES) member
- IBPSA-USA member

Briefly List the Most Important Publications:

- Mezaien, A., & Baltazar, J. C. (2022). Detailed Thermal Impact Analysis of Passive Architectural Elements in Hot-Dry Climates. *ASHRAE Transactions*, 128(1).

- Mezaïen, A., & Baltazar, J. C. (2022). Evaluating the Performance of a Passive Architectural Element in a Hot-Dry Climate Through Natural Ventilation and Thermal Impact Analysis. In *Proceedings of the American Solar Energy Society National Conference* (pp. 171-183). Springer, Cham.

Research Accounts

- **Google Scholar:** <https://scholar.google.com/citations?hl=en&authuser=1&user=E05PyikAAAAJ>
- **Research Gate:** <https://www.researchgate.net/profile/Ahmed-Mezaïen>

Recent Development Activities

- 2022 | Conference Presentation "Detailed Analysis of the Loads Impact of Passive Architectural Elements in Hot-Dry Climates" (LV-22-C011) at the 2022 ASHRAE Winter Conference.
- 2022 | Conference Presentation "Evaluating the Performance of a Passive Architectural Element in a Hot-Dry Climate through Natural Ventilation and Thermal Impact Analysis" (Building Innovations –Track T5) at the American Solar Energy Society National Conference - ASES SOLAR 2022
- 2022 | Participation in Project StaSIO Competition Spring 2022 (Top ranking)
- 2017 | Christoph Lutz Award for Innovation Design & Detailing in a Thesis Project
- 2016 | Participation in LEED O+M project for OPUS HALL building at CUA campus – LEEDlab – Team Project.
- 2015 | TOP 3 - Steel Structure Competition - CBDS team project – by working with Gensler & Associates (Spring 2015 - Project 3 out of 23 projects).
- 2010 | Achievement Excellence Honor for participation in International Architectural Design Team for the Institute of Energy.
- 2009, 2010, and 2011 | King Abdul Aziz University certificates of academic excellence.