



Name : Dr. Haitham Farouk Rashed
Department : Engineering
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Dr. Haitham Farouk is an Assistant Professor, and Head of Architectural Engineering Department at University of Prince Mugrin (UPM), Saudi Arabia. Dr. Haitham joined UPM in January 2022 and is responsible for the Department's academic portfolio, students' learning experience, and management of staff since June 2023. He is a Fellow of Higher Education Academy (FHEA) (PR281009). He is an active researcher in sustainable urban design, environmental design, and education for sustainability. Recently, he published a paper in MDPI's Buildings (Impact Factor 3.8) and two conference papers at the 2nd International Conference on Sustainability: Developments and Innovations (ICSIDI) 2024.

- Qualification** :
- PhD in Architecture, Department of Architecture and Built Environment University of Nottingham, UK, 2013.
 - MSc in Architectural Engineering, Faculty of Engineering, Cairo University, EG, 2004.
 - BSc in Architectural Engineering, Faculty of Engineering. Ain Shams University, EG 2001, Grade: "Very good with Honors"

- Research Interest** :
- Sustainable urban design,
 - Thermal Comfort,
 - Environmental design, and Education for sustainability"

- Publications** :
- Taher, H.; Elsharkawy, H.; Rashed, H.F. Urban Green Systems for Improving Pedestrian Thermal Comfort and Walkability in Future Climate Scenarios in London. Buildings 2024, 14, 651. <https://doi.org/10.3390/buildings14030651>
 - Yassin, M; Rashed, H. F. 3D Printing Technology for Construction: A Structural Shift in Building Infrastructure. 2nd International Conference on Sustainability: Developments and Innovations (ICSIDI 2024), Prince Sultan University (PSU), 18-22 February 2024, Riyadh, Saudi Arabia.

- Yassin, M; Rashed, H. F. Sustainable Restoration and preservation of Makhet Castle of

the Hejaz Railway, both structurally and culturally. 2nd International Conference on Sustainability: Developments and Innovations (ICSIDI 2024), Prince Sultan University (PSU), 18-22 February 2024, Riyadh, Saudi Arabia.

- Rashed H. F. & Elsharkawy, H. (2022). The Changing Needs in Residential Design Post-Pandemic. 36th PLEA (Passive and Low Energy Architecture) Conference 2022, Sustainable Architecture and Urban Design, Universidad Católica de Chile, November 23 - 25, 2022, Pontificia, Santiago de Chile.

- Rashed, H. F. and Elsharkawy, H. (2022). Claiming a role for digital sustainability in the framing of cultural values in heritage sites. 26th Annual Conference for Digital Research in the Humanities and Arts, 2022, Digital Research in the Humanities and Arts, Digital Sustainability: From Resilience to Transformation, Kingston University, Kingston School of Art, September 4-7, 2022, Kingston-on-Thames, Greater London

- Farouk H. & Elsharkawy, H. (2020). To what extent can solar control be effective in enhancing indoor comfort in a fully glazed office building? WSBE 20 - World Sustainable Built Environment - Beyond2020, IOP Conf. Ser.: Earth and Environmental Science, Vol. 588(3). doi:10.1088/1755-1315/588/3/032081

- Elsharkawy, H., Rutherford, P., & Farouk Rashed, H. (2013). Energy consumption behaviour and home performance: Community energy saving programme in Aspley, Nottingham. Passive and Low Energy Architecture (PLEA 2013), Technische Universitat Munchen (TUM), Munich, Germany, 10-12 September 2013.

- Rashed, H. (2012) “The Problematic Involvement of Local Communities in Built-Heritage Conservation Interventions: the Case of Historic Cairo.” In Human Experience in the Natural and Built Environment: Implications for Research, Policy and Practice. IAPS. Glasgow, UK: University of Strathclyde.

- Farouk Rashed H. (2012). Sustainable urban development in Historic Cairo. Designing Place conference, 2-3 April, University of Nottingham, Nottingham, UK.

- Elsharkawy, H., Rashed, H., & Rashed, I. (2009). Climate change: The Impact of Sea Level Rise on Egypt. 45th ISOCARP Congress: Low Carbon Cities, 18-22 October. Porto: ISOCARP.

- Rashed H. (2009). “Heritage Museums between Real and Virtual: Enhancing Visitors’ Experience.” ISAAC International Conference: Promoting Cultural Heritage Tourism through Integrated e-Services, Amsterdam.

- Rashed H. (2009). Virtual Museum: Towards a new typology of the museum in the future. ASCAAD ‘s Fourth International Conference, Digitizing Architecture: formalization & content, 11-12 May (pp. 269-279). Bahrain: Department of Civil Engineering and Architecture, College of Engineering, University of Bahrain.”

- Member of Saudi Chef’s Association

Other Accreditation:

- **Fellow of Higher Education Academy (FHEA) (PR281009)**
- **Registered Engineer in Saudi Council of Engineers (SCE), since 2022**
- **Registered Architectural Engineer in Egyptian Engineering Syndicate, since 2001**