



CURRICULUM VITAE

FEDAA TAWFIQ ABD-ALHAMID

Department of Architecture/Faculty of Architecture & Design

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Homepage:



1. Personal Data

Date of Birth: 28 Apr 1988

Nationality: Jordanian

2. Education

- **PhD in Architecture/ Energy & Sustainability, 2020. University of Nottingham**
Thesis Title: Development of a View Perception Quantifying Method for a Holistic Window Performance Assessment Using a Virtual Environment
- **M.Sc. in Environmental Technology and Climate Change. The University of Jordan, Faculty of Engineering - Architecture. 2011 - GPA (Excellent)**
Thesis Title: The Impact of Passive Techniques on Thermal Behavior of Emergency Shelters.
- **B.SC. in Architecture engineering. The University of Jordan. GPA (Very good)**

3. Employment

Academic Positions

- Assistant professor at Al-Zaytoonah University of Jordan, Faculty of architecture and design, department of architectural engineering, Jordan. Amman. (13/12/2020-current)
- Lecturer at Al-Zaytoonah University of Jordan, Faculty of engineering and technology, department of architectural engineering, Jordan. Amman. (1/9/2016-1/9/2017)
- Teaching assistant at Al-Zaytoonah University of Jordan, Faculty of engineering and technology, department of architectural engineering, Jordan. Amman. (1/9/2013-



QFG11/0110 - 3.1E

Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

1/9/2016)

4. **Research Interests**

- Green and Sustainable Architecture
- Buildings Occupants' Health and Wellbeing
- View Perception
- Climate Change Adaptation/ Mitigation Strategies and Planning
- Energy Efficient Buildings
- Architectural Design and Aesthetics

5. **Membership in Scientific Societies and Associations**

- Reviewer in Energy and building Journal since 2020
- Member of Jordan Green Building Council since 2013.

6. **Honors and Awards**

- Internship in energy efficient buildings and buildings simulation, University of Innsbruck, Innsbruck, Austria, 2014 .

9. **Teaching Experience**

- ***Undergraduate Courses***
- Architectural design
- Building's construction
- Landscape Architecture
- Free hand drawing and architecture communication skills
- Architectural and engineering drawing
- Architecture and environmental control

10. **Membership of Committees**

- (JEA) Jordan Engineers Association

11. **Participation in or organization of curricular and/or extra-curricular activities**

- Applications in quality management system in ZUJ
- Preparing marketing drawings and architectural presentations using photoshop
- Conduct research in urban planning and energy efficient buildings.
- Prepare as-built shop drawings for ZUJ buildings.
- Planning of events (exhibitions and conferences) held at the university

12. **Publications**



- Dingming Liu, Mark Janos Kovacs-Biro, Karen Connelly, Fedaaa Abd-alhamid, Yupeng Wu. (2022). Preliminary investigation on the human response to patterned chromatic glazing, Building and Environment.
- October Fedaa Abd-Alhamid Michael Kent Yupeng Wu (2022). Quantifying window view quality: A review on view perception assessment and representation methods. Building and Environment.
- Castillo, Manlio & Liu, Xiao & Abd-Alhamid, Fedaa & Connelly, Karen & Wu, Yupeng. (2022). Intelligent windows for electricity generation: A technologies review. Building Simulation. 10.1007/s12273-022-0895-y.
- Hamdan, Mohammad & Abd-Alhamid, Fedaa & Dabbour, Loai. (2021). Impact of Passive Techniques on Thermal Behavior of Emergency Shelters. Ecological Engineering & Environmental Technology. 22. 112-119. 10.12912/27197050/135523.
- Abd-Alhamid, F., Kent, M., Calautit, J., Wu, Y., Evaluating the impact of viewing location on view perception using a virtual environment. Building and Environment, 2020: p. 106932.
- Flor, J.-F., Aburas, M., Abd-Alhamid, F., Wu, Y. Virtual Reality as A Tool for Evaluating User Acceptance of View Clarity Through ETFE Double-Skin Façades. Energy and Buildings, 2020: p. 110554.
- Abd-Alhamid, F., Kent, M., Calautit, J., Wu, Y., Developing an Innovative Method for Visual Perception Evaluation in a Physical-Based Virtual Environment. Building and Environment, 2019. 162: p. 106278.