



PERSONAL INFORMATION



RESEARCH INTEREST

- ✓ Architectural Design
- ✓ Architectural Design Thinking
- ✓ Architectural Design Processes
- ✓ Computational Design
- ✓ Urban Planning
- ✓ Urban Design
- ✓ Geographic Information System (GIS)
- ✓ Point clouds
- ✓ Urban Network Analysis
- ✓ Parametric Design

WORK EXPERIENCE

Academic Experience and Tasks Undertaken:

- February 2020 – Present
Full Time Lecturer, Department of Architecture, Faculty of Engineering, The Hashemite University, Zarqa, Jordan
- Taught the following courses for undergraduate students: Basic Design, Computer Applications in Architecture, Architectural Drawing and Graduation Projects.
- October 2019 – January 2019
Teacher Assistant, Department of Architecture, Faculty of Engineering, The Hashemite University, Zarqa, Jordan
- January 2018 – May 2019
Teacher Assistant, Department of Architecture, Faculty of Engineering, University of Jordan, Amman, Jordan
- Taught the following courses for undergraduate students: Architectural Design VI (Urban Design and Planning), Buildings workshop and Graduation Projects.

Dania H. Harasis

📍 Department of Architectural Engineering, The faculty of Engineering, The Hashemite University, Zarqa, Jordan

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Sex: Female | Date of birth: 06/04/1994 | Nationality: Jordanian

Field Experience
and Tasks
Undertaken:

September 2019 – December 2019 Trainee Architect, Farah Architects, Amman, Jordan.

May 2016 – August 2016 Trainee Architect, Panorama Consultant Engineering.Co.IL , Amman, Jordan.

**EDUCATION
AND TRAINING**

September 2017 – May 2019 Master's degree in Architectural Engineering (Excellent), University Of Jordan, Amman, Jordan.

GPA of 3.91/4.00.

Concentrations: Computational Urbanism, Urban Planning and design, Parametric Design and Urbanism

Thesis: Incorporating space visibility and shadow patterns in the urban generation of multi-use spaces: Parametric simulation of Al-Abdali's new downtown as a case study.

September 2012 – May 2017 Bachelor's degree in Architectural Engineering (Very Good), University Of Jordan Amman, Jordan.

GPA of 3.32/4.00

2012 General Secondary Education Certificate, Scientific Branch, Al-Jubaiha Secondary School, Amman, Jordan.

Average of 96.2/100.0

**PERSONAL
SKILLS**

Mother tongue(s) Arabic Language

Other language(s) English Language

February 2020: IELTS, Band of 6.5

May 2017: National Tafel Test

Communication skills Good communication skills

Organizational / managerial skills ✓ Architectural Designer

✓ Architectural Tutor

Computer and
research skills

- ✓ Research Leader
- ✓ Computer Aided Design – CAD
- ✓ 3Ds Max and V-Ray
- ✓ Photoshop
- ✓ Sketchup
- ✓ Rhino and Grasshopper
- ✓ Urban network Analysis
- ✓ Areena 4D
- ✓ Meerkat
- ✓ LadyBug and HoneyBee
- ✓ Anemone
- ✓ Flexhopper
- ✓ Blender
- ✓ CMap

ADDITIONAL INFORMATION

Publications

Al-Harasis, D., Abu Omar, Z. & Amireh, O. (2019). Function Follows Phototropism: Understanding lights as a component of urban infrastructure. *7th Annual International Conference on Architecture and Civil Engineering (ACE 2019)*, 326-330.

DOI: 10.5176/2301-394X_ACE19.541

https://www.researchgate.net/publication/333614460_Function_follows_phototropism_Understanding_lights_as_a_component_of_urban_infrastructure

Abstract: Urban open spaces are considered as active nodes in any urban fabric. In dealing with the urban physicality, it can be deeply noticed that it is affected by non-physical agents. Light is one these intangible factors, that affect the open spaces' system by controlling the plants' behavior. Accordingly, as nature is perfectly working, simulating the sensory mechanism of plants into open spaces formation can provide a new understanding of these urban open spaces as light reflectors; an infrastructure for an intangible agent, that can highly contribute in defining the space use according to the plants behavior. This paper focuses on the ability of understanding open spaces not only as photoreceptors but photo-reflectors as well, through an analytical study for the plants' sensory mechanisms, aiming at reintroducing light as a contributing agent in defining the plants behavior in respect to the open spaces uses and infrastructure.

Amireh, O., Al-Harasis, D., & Abu Omar, Z. (2019). Nomads' Quality of Life; Sustainability, in the Built Environment. *7th Annual International Conference on Architecture and Civil Engineering (ACE 2019)*, 319-325.

DOI: 10.5176/2301-394X_ACE19.351

https://www.researchgate.net/publication/333614540_Nomads'_Quality_of_Life_Sustainability_in_the_Built_Environment

Abstract: The research and paper at hand deals with a semi urban, originally nomad community settled by a governmental decree in a new small town in Al-Husseiniyah, Ma'an, South of Jordan. Integrating that community in urban life came as a solution intended to prevent them from engaging in trafficking activities.



Curriculum Vitae

Arch. Dania H. Harasis

Al-Husseiniyah was named after the late king Al- Hussein planned and was implemented (in the Sothern Jordanian Desert on the main desert road) ironically in a garden city-type concept. This well-articulated master plan endowed with spacious facilities, services, resources and infrastructure, undoubtedly raised the standard of living of that community which is conventionally associated with a better quality of life. Nonetheless, research statistics and surveys implemented by University of Jordan Community Development Team (UJCDT) suggest the contrary; raising the standard of living of the Nomads didn't influence or change their quality of life.