

SARA NUSAIR

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EDUCATION

Ph.D. in Regional Planning

University of Massachusetts at Amherst USA 2024 – Present
Regional Planning _ College of Landscape Architecture and Planning
GPA: 4.0 – (Studying)

Master's Degree

Jordan University of Science and Technology 2018 – 2020
Urban Planning and Studies_ College of Architecture and Design
GPA: 4.06 (A+) – (Graduated)
Thesis title: Spatiotemporal Analysis of Land Surface Temperature Trends in Arid to Semi-Arid Contexts, A Case of Irbid-Jordan

Bachelor's Degree

Jordan University of Science and Technology 2013 – 2018
City Planning and Design_ College of Architecture and Design
GPA: 3.39 (A-) - (Graduated)
On the honorary for three semesters.

AWARDS

Jordan University of Science and Technology

Fully funded Ph.D. degree scholarship- for three years. At the program of Regional planning - College of Landscape Architecture and Planning, University of Massachusetts at Amherst- USA

Ministry of higher education_ at Jordan University of Science and Technology

Fully funded master's degree scholarship- for two years. At the program of Urban planning and studies- College of Architecture and Design, Jordan University of Science and Technology.

COURSES AND CERTIFICATES

First rank among city planning and design 2018 batch

Jordan University of Science and Technology
2018/ Certificate

Remote sensing (ERDAS Imagine)

Jordan University of Science and Technology (Civilian development Center)
May_2014 / Course

Primavera P6 (Level 1)

Jordanian Engineers association (Engineer's trainee center ETC)
March_2015 / Course and certificate.

WORKING EXPERIENCE

University of Massachusetts at Amherst USA and Windham Regional Commission- Vermont USA

College of Landscape Architecture and Planning

Position: Housing and Climate change Plan Assessment for the Windham Region in Vermont
March 2024 to present

University of Massachusetts at Amherst USA

College of Landscape Architecture and Planning

Position: Planning for the 8th Fabos Conference 2025
June 2024 to present

Jordan University of Science and Technology

College of Architecture, Department of City planning and Design

Position: Research and Teaching assistant
March 2023 to February 2024

The National Resources Investment & Development Corporation| MAWARED

Sub-Contractor: Amman Vision and investment

Position: Urban Designer – KABAC (Phase2)
March 2023 to January 2024

Just-Able Project

Position: Technical Advisor and workshop facilitator
January 2022 to January 2023

Jordan University of Science and Technology

College of Architecture, Department of Architecture and Design

Position: Part- time lecturer
October 2022 to January 2023

Al-Safwa Engineering Services

Position: Urban Designer
March 2022 to June 2022

The National Resources Investment & Development Corporation| MAWARED

Sub-Contractor: Amman Vision and investment

Position: Urban Designer – KABAC (Phase1)
July 2021 to December 2021

Greater Irbid Municipality

Position: Urban planner
March 2021 to September 2021

Jordan University of Science and Technology

College of Architecture, Department of Urban Planning

Position: Research and teaching assistant
September 2018 to June 2020

Consolidated Consultants Group - CCG

Position: Urban planner/ Intern
School Internship / June 2017 to August 2017

TEACHING EXPERIENCE

Architectural Drafting

Lecturer for an academic semester
Jordan University of Science and technology

Visual Communication and design II

Lecturer for an academic semester
Jordan University of Science and technology

Basic Design II

Lecturer for an academic semester
Jordan University of Science and technology

GIS (Geographical information Systems)

Workshop (16 teaching hours)
ANASAH

SOCIAL WORK

Irbid Development Corporation

I was honored with the position by Dr. Anne Gharaibeh, as a member in her volunteering group. From 2018 to present

Greater Irbid Municipality

I was a volunteer for the department of international project.
From September 2021 to November 2021

PUBLISHED MANUSCRIPTS

Title: A GIS-EIP Model for a Mechanic Industrial Zone Site Selection in Al-Mafraq City, Jordan

Authors: Abdulla Al-Rawabdeh, Khaled Hazaymeh, [Sara Nusair](#), Rana Shdaifat, Mu'ayyad Al Hseinat

Journal name: Jordan Journal of Earth and Environmental Sciences_ JJEES

MANUSCRIPTS UNDER PREPARATION

Title: Analyzing Land Surface Temperature Trends and Factors in Arid to Semi-Arid Contexts

Authors: Anne Gharaibeh, [Sara Nusair](#)

Title: Analyzing the Relationship between Green Spaces and Academic Performance (AP) of Primary School Students in Low Socioeconomic Status (SES).

Author: [Sara Nusair](#)

SELECTED PROJECTS AND TASKS

Windham Region – Vermont/USA

- Create a housing analysis of the current population and project population development scenarios based on the climate change trends.
- Conduct a Suitability analysis to propose future housing development.

King Abdullah Bin Abdelaziz City – Zarqa/Jordan

- One of the main challenges of this project is to market the land parcels, this is because the actual master plan legalizations are complicated and unclear. In this project I created a well-defined and a clear master plan that will attract investors.

Tasks:

1. Developing a future uses program to attract targeted investors.
2. Revising current master plan, to create a more accessible and convenient lands distribution. By working on Land re-parcellation, solving circulation layers and massing articulations.

Al-Bushra –Mecca/Jordan

1. I was responsible for data analysis phase, including GIS maps of slope and land curvature, and catchment area of existing uses.
2. Visualization of the quantities of cut in the land. The project was developed on a very steep rocky land and owners asked to clarify the cut quantities.
3. Presentation of design layers and master plan rendering.
4. Creating sketchy shots of existing uses.

Al-Sharbatly –Mecca/Jordan

1. I was responsible for data analysis phase, including GIS maps of slope and land curvature, and catchment area of existing uses.
2. Analysis of surrounding circulation site entrances and existences.
3. Formation of concept and zoning alternatives.
4. Working on new contour for the site.

COMPUTER SKILLS

- ArcGIS Pro
- ArcGIS Desktop (Arch map, Arch seen, City engine)



- AutoCAD
- 3Dsmax (mental ray render)



- Lumion
- Sketch up
- Enscape
- Erdas Imagine

Other

REFERENCES

- 1. DR. ANNE GHARAIBEH**
Professor, Dept. of City Planning and Design - College of Architecture and Design, Jordan
University of science and technology
- 2. DR. YASMIEN OKOUR**
Assistant professor, Dept. of City Planning and Design - College of Architecture and Design,
Jordan University of science and technology
- 3. DR. SALMAN ALKOFABI**
Assistant Professor, Dept. of Lands Management and Environment - Earth and
Environmental Sciences, Hashemite University
- 4. ENG. MUSTAFA ABO_GHOSH**
Chief Development Officer – Amman vision investment and development
- 5. HANEEN ABU-ALHAIJAA**
Administrative Assistant and Field Coordinator _Just-Able Project