

# Curriculum vitae

## ***Personal Information:***

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**Full Name** : Evan Abdulrahman Haji Ali Hajani

**E-mail:** [evan.hajani@uod.ac](mailto:evan.hajani@uod.ac)

**Gender** : Female

**Marital Status:** Married

**Citizenship:** Australian and Iraqi

**Academic Title:** Assistant Professor.

**Google Scholar:** <https://scholar.google.com/citations?user=jAQEqKAAAAAJ&hl=en&authuser=1>

## ***Academic Qualifications:***

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Ph.D. (2018) in Hydrological Engineering, Western Sydney University, Australia.

M.Sc. (2010) in Water Resources Engineering, University of Duhok, Kurdistan Region, Iraq

B.Sc. (2005) in Water Resources Engineering, University of Duhok, Kurdistan Region, Iraq

## ***Research Interests***

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- Water Resources Systems Analysis.
- Climate change and climate variability affect weather systems.
- Hydrology engineering in watershed, river, and catchment scales.
- Flood risk appraisal, planning, and development risk.
- Groundwater modeling and monitoring.
- Water risk assessments associated with major corporate entities.
- Physical and numerical modeling of flow.
- Rainwater harvesting system.
- Watershed modeling Research.
- Impact of global warming on climate change.

**Current Academic Appointment: November 2019 - present**

- **Position: Assistant Professor and Research Supervisor**, University of Duhok, Kurdistan Region, Iraq (Full-time)
- **Responsibilities:** Preparing and delivering lectures to undergraduate students and postgraduate students; preparing, administering, marking exams, and tests papers to evaluate students' progress in the following units:
  - Research Methodology
  - Advance Hydrology
  - Hydrological Engineering
  - Mathematics
  - Statistical Engineering
  - Engineering Analysis
  - Numerical Analysis
  - Final Year Project

**Supervision Experience: November 2019 - 2023**

- Supervised two MSc students (Completed)
    - **Thesis Titles:**
      1. "The Impact of Climate Change on Rainfall Characteristics in Kurdistan Region of Iraq"
      2. "Simulation Models for Generating Rainfall Data in Selected Three Sites in Kurdistan Region, Iraq"
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**Teaching Experience:**

- **2014-2017:** Casual Academic, School of Engineering, Western Sydney University, Australia
- **2010-2012:** Lecturer (Full-time), University of Duhok, Kurdistan Region, Iraq. Taught courses:
  - Irrigation Systems
  - Hydrology
  - Fluid Mechanics
  - Hydraulics
  - Final Year Project Supervision
- **2005-2007:** Demonstrator (Full-time), University of Duhok, Kurdistan Region, Iraq. Assisted in:
  - Hydraulic Structures
  - Water Resources Management and Economy
  - Engineering Drawing

### ***Work Experience:***

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- **2014-2017:** Casual Academic, School of Engineering, Western Sydney University, Australia
- **2010-2012:** Lecturer (Full-time), University of Duhok, Kurdistan Region, Iraq. Taught courses:
  - Irrigation Systems
  - Hydrology
  - Fluid Mechanics
  - Hydraulics
  - Final Year Project Supervision
- **2005-2007:** Demonstrator (Full-time), University of Duhok, Kurdistan Region, Iraq. Assisted in:
  - Hydraulic Structures
  - Water Resources Management and Economy
  - Engineering Drawing

### ***Work Experience***

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- **2016-2017:** Water Engineer/Hydrologist, EnviroWater Sydney Pty Ltd, NSW, Australia
- **2000-2011:** Water Resources Engineer, Kurdistan Region, Iraq

### ***Research Project Involvement***

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- **Water Harvesting at Erbil Watershed in the Iraqi Kurdistan Region** (Supported by IHE Delft Institute for Water Education, Netherlands, 2022-2023)

### ***Skills:***

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- **Languages:** Kurdish (Fluent), Arabic (Fluent), English (Proficient)
- **Software Proficiency:** ArcGIS, WMS, AutoCAD, FORTRAN, R, SPSS, XLSTAT, MapInfo, Vertical Mapper, EasyFit, DrinC, MS Office

***Research Publications:***

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- A comprehensive list of journal articles, book chapters, and conference papers is available on Google Scholar.

- **Thesis:**

- **Evan Hajani** (2018). Impact of Climate Change on Design Rainfall. Ph.D. thesis, Western Sydney University, NSW, Australia.
- **Evan Hajani** (2010). Application of Different Models for Development of Instantaneous Unit Hydrograph for Solag Watershed. M.Sc. thesis, University of Duhok, Kurdistan Iraq.

***Referees:***

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- Available upon request