

# Academic Curriculum Vitae



## Personal Information:

Full Name: Sarkawt Hamarahim Muhammad  
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## Education:

### B.Sc.

University of Salahaddin/ College of Engineering /Erbil/Iraq  
Dams and Water Resources Engineering  
Graduation year: 2011

### M.Sc.

Portland State University/ College of Engineering/ Oregon/ USA  
Civil and Environmental Engineering (Water Resources)  
Graduation Year: 2016

## Employment:

- Salahaddin University-Erbil, 2011, Engineer
- Salahaddin University-Erbil, 2019, Assistant Lecturer

## Qualifications

- Pedagogical course, 2019, Salahaddin University-Erbil
- Computer Skills:
  - o Microsoft Office (Excel, Word, Power-Point)
  - o Operation Systems: Win xp, Win Vista, Win 7, Win 8, Win 10
  - o Coding program: Matlab
  - o Modeling Software: AutoCAD, AutoCAD Civil 3D, WMS, HEC-RAS, HEC-HMS, GMS, ANSYS Fluent, Flow3d, Nays2DH, FASTmech .....ETC

- GIS Software: ArcGIS, Global Mapper, QGIS
- TOEFL, IELTS
- Nan

## Teaching experience:

- Undergraduate Courses in Department of Water Resources Engineers
  - Surveying Practical
  - Mathematics III
  - Mathematics III (Geomatics Eng. Dept)
  - Mathematics III (Civil Eng. Dept)
  - Mathematics IV
  - Engineering Hydrology
  - Introduction to Water Resources Engineering
  - GIS Applications in Water Resources Engineering
  - Introduction to GIS
  - Reservoir Planning, Design and Operations
  - Courses, trainings, lab supervision, etc.,
- Trainings for governments department:
  - Hydrological modeling to flood protection: Erbil municipalities directory
  - GIS and Hydrological design: Erbil General Directory of Irrigation

## Research and publications

- Effect of Pooled and Flat Stepped Spillway on Energy Dissipation Using Computational Fluid Dynamics

## Conferences and courses attended

- Second International Conference on Engineering and Innovative Technology SU-ICEIT-2019
- بهخشیانی گرانته بۆ باشترین پروژه‌ی دەرچوون و ئاییدیا به قوتابییانی زانکۆی سه‌لاحه‌ددین-هه‌ولێر
- Educational Effectiveness: Assessment and Evaluation
- Water Crisis and Paths of Cooperation Between the Federal government and the KRG

## Funding and academic awards

- Human Capacity Development Program (HCDP): KRG for studding master degree

## Professional memberships

- Kurdistan engineers' union: 2011

## Professional Social Network Accounts:

- ResearchGate: <https://www.researchgate.net/profile/Sarkawt-Muhammad>
- LinkedIn: <https://www.linkedin.com/in/sarkawt-muhammad-3ba9bb7a/>
- Google Scholar:  
<https://scholar.google.com/citations?user=DrtWq9IAAAAJ&hl=en&authuser=3>
- ORCID: <https://orcid.org/my-orcid?orcid=0000-0002-9342-9679>
- Academic Site: <https://academics.su.edu.krd/sarkawt.muhammad>
- Academia: <https://salahaddin-erbil.academia.edu/SarkawtMuhammad>

It is also recommended to create an academic cover letter for your CV, for further information about the cover letter, please visit below link:

<https://career-advice.jobs.ac.uk/cv-and-cover-letter-advice/academic-cover-letter/>