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**Academic Curriculum Vitae**



**Personal Information:**

Full Name: Bruska Sardar Mamand

Academic Title: Assistant Lecturer

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Mobile: 0750 420 36 44

**Education:**

* Bachelor of Science: Dams & water resources – 2010 Salahaddin University, Erbil.
* Master of Science: Engineering Hydraulic Structures – 2017 Salahaddin University, Erbil.

**Employment:**

* Engineer (assistant of teacher in class- معيدة): 04/2011 to 01/2014
* Assistant Lecturer: 2018 – 2023
* Water resources department Coordinator (مقرر القسم): 02/2021 to 05/2022

**Qualifications**

* Teaching qualifications:

 **General engineering subjects:** Academic debate and critical thinking, engineering drawing and AutoCAD, engineering statistics and Engineering Analysis.

 **Specialization engineering subjects:** Soil mechanics lab., Fluid mechanics, Engineering Hydraulics, Construction methods and estimation.

* IT qualifications:

 Microsoft word, excel, AutoCAD, Matlab, SPSS statistics, ANSYS-FLUENT and GIS.

* Language qualifications: IELTS

**Teaching experience:**

* Method of teachings
* Computer programing course

**Research and publications**

* Estimating Seepage Quantity through Homogenous Earth-Fill Dam with Horizontal Drainage Using Different Methods – ZANCO Journal of Pure and Applied Sciences - 2020
* Use of Isotope Technique in Groundwater Investigation around Erbil City- Northern Iraq- ZANCO Journal of Pure and Applied Sciences - 2021
* Applying mass balance dilution technique for wastewater disposal to Greater-Zab River in Erbil, Kurdistan Region-Iraq – Recycling and Sustainable Development journal -2021
* Flow simulation over semicircular labyrinth weir using ANSYS -fluent – Tikrit Journal of Engineering Sciences - 2022

**Professional Social Network Accounts:**

* <https://www.researchgate.net/profile/Bruska-Mamand>
* <https://scholar.google.com/citations?hl=en&user=rtEvexcAAAAJ>