

Academic Curriculum Vitae



Personal Information:

Full name: Yaseen Wsu Aziz

Academic Title: Lecture

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Education:

- **M.Sc. in Water Resources (Hydraulics) – University of Salahaddin 2016.** Thesis title “Evaluation of Hydraulic Performance of Nazanin Dam Side Channel Spillway”
- **B.Sc. in Dams & Water Resources Engineering– University of Salahaddin 2012.**

Employment:

1. **University of Salahaddin – Dams & Water Resources Engineering Department – Assist lecture since 2022.**
2. **University of Salahaddin – Dams & Water Resources Engineering Department – Assist lecture since 2017.**
3. **River training (Roxana Stream) design team**
4. **Hydraulic and structural design of Dewana spillway 2018 (Designer team)**
5. **Redesign of Galli bandawa earth dam project 2018 (Designer team)**
6. **Design of Rouxana stream crossing with Gas pipeline 2019 (Designer team)**
7. **Hydraulic Redesign of Gomaspan stepped spillway 2018 (Designer team)**
8. **Hydraulic design of Kolak pond (2022)**
9. **Hydraulic design of Shawak pond (2022)**
10. **Hydraulic design of Kasnazan pond (2022)**
11. **Hydraulic design of Birabat pond (2023)**
12. **Hydraulic design of Zakho weir (2022)**
13. **Hydraulic design of water supply and sewerage system of Zaner city (2022)**
14. **Hydraulic design of Daratw pond (2023)**
15. **Design of Koya Road crossing structures**
16. **Hydraulic design of Bastora dam (2023)**

17. **Hydraulic design of Mala-Omer pond (2023)**
18. **University of Salahaddin – Dams & Water Resources Engineering - Soil and Concrete Laboratory**, I worked there for two years (2012 – 2014).
19. **Site Engineer at Ganjan City** From 2012 till 2013

Qualifications

- 1- Kurdish (Native).
- 2- English (very good reading and writing, very well in speaking and listening).
- 3- Arabic (good reading, writing, speaking and listening).

Computer:

Works well in computer, such as windows, Microsoft word, Microsoft Excels, as well as software engineering such as Autocad, Civil 3D, Staad pro, WMS, GMS, Water CAD, sewer CAD, Slide, Phase2, Geo Studio, ANSYS-CFX and pipe flow expert.

Teaching experience:

- Dam Engineering II
- Fluid mechanics (theoretical and practical)
- Surveying (theoretical and practical)
- Hydraulic Engineering
- Dam Engineering I

Research and publications

- Shahin S. Ahmed, Yaseen W. Aziz (2017) “**Numerical Modeling of Flow in Side channel Spillway**” First International Conference on Water and Energy in Kurdistan Challenges and Alternatives” on 14th -15th May 2017. Salahaddin University, Erbil - Iraq
- Shahin S. Ahmed, Yaseen W. Aziz (2017) “Evaluation of Hydraulic Performance of Nazanin Dam Side Channel Spillway” **First International Conference on Water and Energy in Kurdistan Challenges and Alternatives**” on 14th -15th May 2017. Salahaddin University, Erbil - Iraq
- Othman K. Khurshid, Yassen W. Aziz (2018) “**CFD Modeling of Simultaneous flow over Broad Crested Weir combined with Pipe Culvert**”
- Dana Kh. Mawlud, Yaseen W, Aziz (2019) “**Analyze the Tranmissivity for Pumping Well testing with Single and Observation Well**”
- Aziz, Y.W., Saeed, M.A.H. and Ahmed, S.S., 2020. **Estimation of annual runoff and peak flow at Nazanin Catchment in Erbil, Kurdistan Region using different approaches.** *The Iraqi Geological Journal*, pp.96-106.

- Aziz Y, Ibrahim A, MohammedAmin OK. **Effect of Core Geometry on Earth Dam Slope Stability**. Tikrit Journal of Engineering Sciences. 2023 May 14;30(2):41-5.
- Ibrahim AH, Aziz YW, Hamadamin KK. **Effect of Core Shape and its Side Slopes on Seepage Quantity of Zoned Earth Dam**.

Conferences and courses attended

- Presented seminar “Numerical Modeling of Flow in Side channel Spillway “in First International Conference on Water and Energy in Kurdistan Challenges and Alternatives” on 14th -15th May 2017. Salahaddin University, Erbil –Iraq.
- Presented seminar “Evaluation of Hydraulic Performance of Nazanin Dam Side Channel Spillway “in First International Conference on Water and Energy in Kurdistan Challenges and Alternatives” on 14th -15th May 2017. Salahaddin University, Erbil -Iraq

Funding and academic awards

- List any bursaries, scholarships, travel grants or other sources of funding that you were awarded for research projects or to attend meetings or conferences.

Professional memberships

- List any membership you hold of any professional body or learned society relevant to your research or other life activities.

Professional Social Network Accounts:

https://www.researchgate.net/profile/Yaseen_Aziz2

<https://www.linkedin.com/in/yaseen-aziz-82661593/>

<http://moodle.su.edu.krd/engineering/user/profile.php?id=1156>

<https://independent.academia.edu/YaseenAziz>

<https://scholar.google.com/citations?hl=en&user=F-hLjkIAAAAJ>