

# ***CURRICULUM VITAE***

*Mahmoud Mohamed Mostafa Ali, August 2024*

## **Personal Data:**

Last Name: Ali

First Name: Mahmoud Mohamed Mostafa

Address: Egypt – Assiut University – Civil Engineering Department

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Email: eng.mmm91@aun.edu.eg

Marital Status: Married

Date of Birth: 1/4/1991

Gender: Male

Country of Origin: Egypt

Present Nationality: Egyptian

Languages and Fluency Level: Arabic (Native), English (Very Good)

## **Education:**

**M.Sc.** Thesis Title: An investigation concerning the effect of canal width contraction may be needed in the location of constructing some irrigation works, Civil Engineering, Assiut University, Egypt, January 2018.

**B.Sc.** Civil Engineering, Faculty of Engineering, Assiut University (2013), *Distinction with honor* “86.91%”, and Distinction in the graduation project (Reinforced Concrete).

## **Work History:**

- 1) Demonstrator, Civil Eng. Dep., Assiut University from December 2014 to December 2017.
- 2) Teaching Assistant, Civil Eng. Dep., Assiut University from January 2018 till now.

## **Publications:**

1. Ashour, M. A., Aly, T. E., Mostafa, M. M. (2016). An investigation concerning the effect of canal width contraction that may be needed in the location of constructing some irrigation works. Annals of Valahia University of Targoviste. Geographical Series, 16(2): 5-12.
2. Ashour, M. A., Aly, T. E., Mostafa, M. M. (2018). Effect of canal width contraction on the hydraulic parameters and scour downstream water structures. Limnological Review, 18(3): 93-101.
3. Ashour, M. A., Aly, T. E., Mostafa, M. M. (2019). Effect of canal width contraction on the hydraulic parameters and scour downstream water structures. Ain Shams Engineering Journal, 10(1): 203-209.
4. Mostafa, M. M., Shen, Z. (2021). A review on analysis of seepage in zoned earth dams. 2<sup>nd</sup> International Conference on Civil Engineering: Recent Applications and Future Challenges, Hurgada, Egypt, 2(1): 137-146.

5. Mostafa, M. M., Shen, Z. (2023). Effect of zones' dimensions and geometry on seepage through zoned earth dams, Journal of Engineering and Applied Science, 70(1): 1-24.
6. Mostafa, M. M., Shen, Z. (2023). Numerical study concerning the different drainage systems in earth dams, Journal of Hydraulic Structures, 9(2): 101-117.
7. Mostafa, M. M., Shen, Z. (2024). Seepage behaviour through earth dams with zones of different filling materials, Water SA, 50(1): 106-120.

### **Teaching and Activities:**

#### **Courses:**

1. Civil Drawing.
2. Irrigation and Drainage Engineering.
3. Design of Irrigation Works.
4. Harbor Engineering and Internal Navigation.

#### **Students Projects:**

1. Irrigation and Drainage Project (Canals and Drains Networks Alignment and Design).
2. Design of Irrigation Works Project (Design of Movable Lock).

### **Computer Skills:**

1. Microsoft Office (Word, Excel, Power Point,..etc.), ICDL.
2. AutoCad.
3. Structure Analysis (SAP 2000, Etabs).
4. Surfer.
5. SPSS.
6. Ansys Fluent.
7. Hec-Ras.
8. Abaqus.
9. Geostudio (SEEP/W).
10. Groundwater Modeling System (SEEP2D).