

## Curriculum Vitae (CV)

**Najia Assem Mohamed Mahfouz Ahmed**



### Personal Information:

**Academic Rank:** Teaching Assistance

**Department:** Civil Engineering Department

**Specialization:** Soil Mechanics and Foundation

**Position:** Research Assistant

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## Education:

Degree	Discipline	Institution	Year
Ph.D.	Civil Engineering	HELWAN UNIVERSITY	2025
M.Sc.	Structural Engineering	CAIRO UNIVERSITY	2015
B.Sc.	Civil Engineering	HTI - 6 TH OF OCTOBER BRANCH	2010

## Academic Experience:

**Institution:** Higher Technological Institute- 6th of October branch

**Rank:** Research Assistant (PhD student)

**Dates:** 2015 – until now

**Institution:** Higher Technological Institute- 6th of October branch

**Rank:** Teaching Assistant

**Dates:** 2010 to 2015

## Research interests:

- - Soil Mechanics.
- - Foundation Design.
- - Computer Programing.
- - Soil Structure interaction.

## Publications:

- Najia Mahfouz, Kamal Metwally, Manar Hussein, and Adel Akl, "EFFECT OF MICROPILES IN CONTROLLING THE IMPACT OF PIPELINE DETERIORATION ON ADJACENT BUILDING", International Conference on Structural and Geotechnical Engineering, Ain Shams University ICSGE 14, 2015.
- Najia A. Mahfouz, Ahmed H. Ali, Mahmoud Hussein Mohamed & Hesham A. Haggag, Experimental analyses of high-filled cut-and-cover tunnel for reduction of the earth pressure. HBRC journal 2024; 20: 643–659.
- Najia A. Mahfouz, Ahmed H. Ali, Mahmoud Hussein Mohamed & Hesham A. Haggag, Numerical Analyses of high-filled cut-and-cover tunnel using PLAXIS 3D. JARIIE journal 2024;10(3): 2395-4396.

## Teaching Experience:

- Research Assistant, Nov. 2015 – until now.
- Teaching Assistant, Sep. 2010 – Nov. 2015.

## Courses taught

- - Engineering Geology
- - Foundation (1)
- - Foundation (2)
- - Computer Programming