

Muhittin Babaoğlu

Resume (Modified for CE 620) (October 28, 2020)

Website: <https://mhhtn.com>
Address: Konya, Turkey
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Education

Civil Engineering 2010-2015
Middle East Technical University, Ankara, Turkey
Bachelor of Science, Civil Engineering, Honor Student

Civil Engineering 2017-2020
Middle East Technical University, Ankara, Turkey
Master of Science, Civil Engineering
Thesis: Finite element implementation of a model to estimate the permanent strain of cyclically-loaded soil

Google Scholar & ORCID

- Google Scholar: [fDkQnTkAAAAJ](https://scholar.google.com/citations?user=fDkQnTkAAAAJ)
- ORCID: [0000-0002-6039-5425](https://orcid.org/0000-0002-6039-5425)

Experiences

Teaching Assistant Since 2017-
Konya Technical University*, Konya, Turkey

- **Teaching Experience:**
 - Soil Mechanics I (2nd year undergraduate course)
Spring 2018, 2019, 2020
 - Soil Mechanics II (3th year undergraduate course)
Fall 2018, 2019, 2020
 - Foundation Engineering (3rd year undergraduate course)
Spring 2018, 2019, 2020
 - Foundation Design Applications (4th year undergraduate course)
Fall 2018, 2019, 2020
 - Geotechnical Engineering Laboratory Applications (4th year undergraduate course)
Fall 2018, 2019, 2020 (For Consolidation & Compaction testing)
 - Computer Aided Engineering Drawing (1st year undergraduate course)
Spring 2018, 2019

*Former name is Selcuk University, it was changed in May 2018.

Summer Internships

- SEHA Construction, 2013, Housing Development Administration of Turkey's 88.090 m² housing estate project
- PROTA Engineering, 2014, Geotechnical Design Project of Skopje Mixed-Use Supersctructure Project

Languages, Computer Skills, and Interests

Turkish: *Native*

English: *Fluent*, The medium of the instruction at Middle East Technical University is English.

Greek: *1.5 year of modern Greek*

Programming Languages: *Python, Fortran, MATLAB, ANSYS Mechanical APDL, L^AT_EX, C, Git, Pandas, C++*

Software Ability: *ANSYS, ABAQUS, FEAPvp, Paraview, GID, OpenPIV, Life365, AutoCAD, Revit, SAP2000, WaterCAD, MapInfo, MS Office products including MS project*

Special interest: *Computational Mechanics, Image processing, Machine Learning*

References

Dr. Serdar Goktepe (PhD Supervisor)

Dr. Sinan Turhan Erdogan (MS Supervisor)

Dr. H. Ercan Tasan (MS Co-supervisor)