

# Mohebollah Agah Nav

## MSc in Civil Engineering

Marital Status: Married



### Contact

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Tehran



### About Me

I was graduated from Shahid Beheshti University in 2013 with a master of science in geotechnical engineering. I am a teacher and designer. I've got a lot of the Abaqus geotechnical courses at Iran Universities. I've been training ABAQUS since 2013, PLAXIS since 2013, Midas GTS NX since 2016, and also worked with expert institutes in Tehran and famous civil websites in design and education cases.

I've designed lots of geotechnical projects in Iran and Iraq. I'd like to work in numerical research with ABAQUS and PLAXIS, soil improvement, and the design of geotechnical (offshore and onshore) projects.



### Language

English

Persian



### Skills

ABAQUS Geotechnic



### Educations

- Bachelor of Science civil Engineering**

Guilan University, Iran

Oct 2005 - Jun 2009

- Master of Science Geotechnical**

Shahid Beheshti University of Tehran, Iran

Oct 2011 - Nov 2013



### Employment History

- Supervisor in Excavation Project-BPI Company**

Mar 2010 - Jan 2010

- Supervisor of Micropile Test-BPI Company**

Feb 2010 - Jul 2010

- Supervisor of Rosh project-Excavation (Soldier and Anchor method)**

Jun 2012 - Nov 2012

- Supervisor of Excavation Project-Kavoshmasir Company**

Jul 2016 - Nov 2016

- Line 6 Project of Tehran metro (Quality Control)-Ahab company**

Nov 2016 - Mar 2018

- Geotechnical software Instructor**

Feb 2018 - to Now

- Geotechnical projects designer**

Jun 2016 - Now



### Courses

- Elementary and Advanced course for ABAQUS geotechnic**

ArshadCo

2012

Plaxis 3D	<div style="width: 100%; height: 10px; background-color: #0070C0;"></div>
Plaxis 2D	<div style="width: 100%; height: 10px; background-color: #0070C0;"></div>
midas GTS NX	<div style="width: 100%; height: 10px; background-color: #0070C0;"></div>
GeoStudio	<div style="width: 80%; height: 10px; background-color: #0070C0;"></div>
Etabs 2000	<div style="width: 80%; height: 10px; background-color: #0070C0;"></div>
SAP2000	<div style="width: 80%; height: 10px; background-color: #0070C0;"></div>
Excel, Word, Power Point	<div style="width: 80%; height: 10px; background-color: #0070C0;"></div>
AllPile	<div style="width: 80%; height: 10px; background-color: #0070C0;"></div>
Plaxis Structure Interaction (PSI)	<div style="width: 80%; height: 10px; background-color: #0070C0;"></div>
Autodesk Autocad	<div style="width: 80%; height: 10px; background-color: #0070C0;"></div>
SAFE (CSI)	<div style="width: 80%; height: 10px; background-color: #0070C0;"></div>
برنامه نویسی Python	<div style="width: 80%; height: 10px; background-color: #0070C0;"></div>
deep learning	<div style="width: 80%; height: 10px; background-color: #0070C0;"></div>



## Hobbies

Finite Element analysis, Soil Improvement (DSM. Jet Grouting. Stone Column), Design of geotechnical project, Study, Design of offshore and onshore structures, Marine structures, , Design and control of deep foundations, Research interest: Numerical modeling with FEM (ABAQUS, PLAXIS, midas GTS NX), Python and deep learning, Marine Geotechnics, Subsea structures analysis, Pipeline analysis under fault  
Written book:  
Advanced Numerical Modeling of Geotechnical Project (2022)



## Social Links

Telegram  
<https://t.me/agahGeotechABAQUS>

Instagram  
[@Ampsoftware](#)

Linkedin  
**Moheb Agah**

researchgate  
**Mohezbollah Agah Nav**



## References

- **Dr. Ali Noorzad, Shahid Beheshti University from Shahid Beheshti University-Tehran**  
[a\\_noorzad@sbu.ac.ir](mailto:a_noorzad@sbu.ac.ir)
- **Dr. Ahmadreza Mahboobi Aardakani, Shahid Beheshti University from Shahid Beheshti University-Tehran**  
[a\\_mahboubi@sbu.ac.ir](mailto:a_mahboubi@sbu.ac.ir)
- **Rohola Rahnavard from University of Coimbra**  
[rahnavard1990@gmail.com](mailto:rahnavard1990@gmail.com)



## Extra Curricular Activities

- **ABAQUS for Geotechnic Online Webinar at Shahid Beheshti Univercity**  
Apr 2021  
Description:  
This webinar toke more than 3 hours, more than 54 were participated in this webinar.
- **Free online Webinar for Introduction of PLAXIS 2020 at Madya.ir**  
Apr 2020
- **Free online Webinar for midas GTS NX at Civil808.com**  
Nov 2018
- **Free online Webinar for PLAXIS 3D at Parspajouhaan Institue**  
Jun 2021
- **Free online Webinar for PLAXIS 2D at Parspajouhaan**  
Jun 2021



## Projects

- **One Way Shear and Settlement Control of E1 (53 story) Tower with PLAXIS 3D-Erbil, Iraq**  
Mar 2021 - Feb 2021
- **Design and control of more than 30 geotechnical projects (Retaining wall, truss, Soil Nail wall, Tieback wall)**  
Apr 2016 - Now  
Description:  
By PLAXIS 3D & 2D, midas GTS NX, Slope/W

- **Design of Soil Improvement Project**

Jun 2022 - Now



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## Researches

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- **Numerical evaluation of the behavior of ordinary and reinforced stone columns (With ABAQUS)**

Mar 2020

Project Link:

<https://www.sciencedirect.com/science/article/abs/pii/S2352012420301041?via%3Dihub>

- **Numerical Evaluation of pile groups behavior in sandy soil with ABAQUS(Under review)**

Jan 2021



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## Honors

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- **Software supervisor for more than 120 PHD and MSc thesis in Iran (ABAQUS Geotechnic and Structures, PLAXIS 3D&2D, MIDAS GTS NX)**

2013 - 2022

- **Holding more than 1,200 hours of training in geotechnical engineering**

Nov 2017 - Now

Project Link:

[www.parspajouhaan.com/](http://www.parspajouhaan.com/) [www.Madya.ir/](http://www.Madya.ir/) [www.Civil808.com](http://www.Civil808.com)