



Turkish Phone number: +90 532 3681198

German Phone number: +49 178 1092061

Email: Said.Nuray@ruhr-uni-bochum

Istanbul / TURKEY

Bochum / GERMANY



Said Enes NURAY
Geotechnical and Tunnel Engineer (Civil Engineer)
Curriculum Vitae

EDUCATION

M.Sc., Ruhr Universität Bochum (Ongoing) - Major: Geotechnical and Tunnel Engineering		Oct 2022- June 2024
M.Sc., Bogazici University (Dropped) - Major: Civil Engineering/Geotechnical Engineering	3.5/4 (1 st semester)	Feb 2022- June 2022
B.Sc., Istanbul University - Major: Civil Engineering	3.78/4 (Graduated with high distinction)	2016-2021
	<ul style="list-style-type: none">• Graduated Ranking Third of the Engineering Faculty• Graduated Ranking Second of the Civil Engineering Department	
H.S., Doga High School	87.2/100	2012-2016

AWARDS

TUBITAK (Declined) – (2210 A) Turkey National Master’s Degree Success Scholarship (during master)

Invest Your Talent in Italy (Declined) – I have been awarded by Italian government to pursue my master’s degree in Politecnico di Milano (during master)

WORK EXPERIENCE

Site Internship , Ilk Yapi, -Investigating and reporting geotechnical constructions.	Kagthane/ISTANBUL	Jun 2020 – Aug 2020
Ride Operator , Cedar Point Amusement Park -Responsible for management of ride and ride crew	Sandusky-Ohio/USA	Jun 2019 – Sept 2019
Office Internship , Emay International Engineering -Scrutinizing tunnel modelling reports and learning about soil-structure interaction	Altunizade/ISTANBUL	Dec 2018 – Feb 2019

PUBLICATIONS

Journal Articles (Published) :

1. **Nuray, S** , Gencdal, H , Akbay Arama, Z .(2021).The Applicability of Random Forest Regression Method for the Prediction of the Consistency and Compaction Properties of Soils. Journal of Engineering Sciences and Design,9 (1), 265-281 . <https://doi.org/10.21923/jesd.804446>
2. Akbay Arama, Z , Akın, M , **Nuray, S** , Dalyan, I . (2020). Estimation of consistency limits of fine-grained soils via regression analysis: A special case for high and very high plastic clayey soils in Istanbul . International Advanced Researches and Engineering Journal , 4 (3) , 255-266 <https://doi.org/10.35860/iarej.735529>
3. Akbay Arama, Z , Karakaş, S , **Nuray, S** , Alten, O , Akın, M , Gençdal, H . (2021). The Random Forest Method to Predict the Consistency Characteristics of Low Plastic Clayey Soils . Afyon Kocatepe University Journal of Science and Engineering, 21 (3) , 668-680 . <https://dergipark.org.tr/en/pub/akufemubid/issue/64196/856192>

Final Year Project:

“Optimum Design of Soil Structures with Applications of Machine Learning Algorithms”

Book Chapters (Published):

1. Akbay Arama Z., Yücel M., Akın M.S., **Nuray S.E.**, Alten O. (2021) Prediction of Soil Plasticity Index with the Use of Regression Analysis and Artificial Neural Networks: A Specific Case for Bakırköy District. In: Nigdeli S.M., Kim J.H., Bekdaş G., Yadav A. (eds) Proceedings of 6th International Conference on Harmony Search, Soft Computing and Applications. ICHSA 2020. Advances in Intelligent Systems and Computing, vol 1275. Springer, Singapore. https://doi.org/10.1007/978-981-15-8603-3_25
2. Akbay Arama Z., Gençdal H.B., **Nuray S.E.**, Yücel M. (2021) The Applicability of Regression Analysis and Artificial Neural Networks to the Prediction Process of Consistency and Compaction Properties of High Plastic Clays. In: Nigdeli S.M., Kim J.H., Bekdaş G., Yadav A. (eds) Proceedings of 6th International Conference on Harmony Search, Soft Computing and Applications. ICHSA 2020. Advances in Intelligent Systems and Computing, vol 1275. Springer, Singapore. https://doi.org/10.1007/978-981-15-8603-3_26

PROJECTS

Utilizing the Consistency Limits of the Fine-grained Soils on the European Side of Istanbul, Prediction of Geotechnical Properties with Regression Analysis and Artificial Intelligence Applications - (In Turkish) *(For online access, please click)*
-This project has been supported by Council of Higher Education Apr 2020 – Apr 2021

CONFERENCE ACTIVITY

6th International Conference on Harmony Search, Soft Computing and Applications (ICHSA 2020) July 16-17, 2020
-Online Presentation, Istanbul, TURKEY (Certificated)

8th International Geotechnical Symposium Nov 13-15, 2019
-Conference Attendance, Istanbul Technical University, Istanbul, TURKEY

CIVILCON March 1-4, 2019
- Conference Attendance, Istanbul Technical University, Istanbul, TURKEY (Certificated)

CESummit'19 Feb 23-24, 2019
- Conference Attendance, Middle East Technical University, Ankara, TURKEY (Certificated)

Civil Career'18 Nov 24-25, 2018
- Conference Attendance, Bogazici University, Istanbul, TURKEY (Certificated)

TRAINING AND CERTIFICATION

Artificial Intelligence (AI) with Python, yazilim24 Feb 2020 – June 2020
-Machine Learning Algorithms, Artificial Neural Networks, Data Mining, Data Visualization, Programming in Python, Data Interpretation

t-MBA, PEARSON Aug 2016

International Masterclasses Hands on Particle Physics, Middle East Technical University Apr 2014
-Introduction of CERN laboratories by holding an online meeting

LANGUAGES

English **IELTS – Overall: 6.5**
•Listening: 6.5
•Reading: 6.5
•Writing: 6
•Speaking: 6

Bogazici University Test of Writing in English (BOUN TWE) **Satisfied (More than 6.5 points in IELTS grading system)**

Turkish Native Language

COMPUTER PROGRAMS

Office Programs – Advanced
Python – Upper Intermediate (Certificated)
AutoCAD – Upper Intermediate
Plaxis2D –Intermediate
Geo5 – Intermediate
Slope/W – Intermediate
Fortran – Intermediate
Matlab – Intermediate
Revit – Intermediate
Sap2000 – Intermediate

REFERENCES

Prof. Dr. Namık Kemal ÖZTORUN
-Istanbul University-Cerrahpasa, Head of Department of Civil Engineering

Prof. Dr. İlknur BOZBEY
-Istanbul University-Cerrahpasa, Head of Department of Division of Geotechnics

Prof. Dr. Sadık ÖZTOPRAK
-Istanbul University-Cerrahpasa, Lecturer in Division of Geotechnics

INTERESTS

Engineering Sciences, Geotechnical Engineering, Artificial Intelligence, Artificial Neural Networks, Machine Learning, Data Science, Table Tennis, Travelling Abroad, Biographies of Accomplished People, Programming Languages