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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABA-1711-2020

ScopusID: 57204365595

Yoksis Researcher ID: 207678

Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Turkey 2016 - Continues

Undergraduate, Anadolu University, Faculty Of Economics, Department Of Economics, Turkey 2014 - 2019

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Turkey 2013 - 2016

Undergraduate Minor, Middle East Technical University, Faculty of Architecture, Department of City and Regional Planning, Turkey 2010 - 2013

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 2008 - 2013

Foreign Languages

English, C2 Mastery

Dissertations

Postgraduate, An experimental investigation for improvement of sands using microbially induced calcium carbonate precipitation, Middle East Technical University, Graduate School of Natural and Applied Sciences, 2016

Research Areas

Geotechnical

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Comparison of microbially induced calcium carbonate precipitation eligibility using spores of *Sarcosphaera aggregans* and *Bacillus licheniformis* on two different sands**
Sarıççek Y. E., Gurbanov R., Pekcan O., Gözen A. G.
GEOMICROBIOLOGY JOURNAL, vol.36, pp.42-52, 2019 (SCI-Expanded)

Books & Book Chapters

- I. **Flower Pollination Algorithm for Slope Stability Analysis**
ÖCAL A., SARIÇİÇEK Y. E., PEKCAN O.
in: Applications of Flower Pollination Algorithm and its Variants, Nilanjan Dey, Editor, Springer Singapore, pp.87-111, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Visualization of Atterberg Limits Test through a Virtual Soil Laboratory**
Ozturk E., TÜRKER M., DUMAN E., SARIÇİÇEK Y. E., Kaya H. D., Arica E. U., PEKCAN O.
2nd Geo Congress - Advances in Monitoring and Sensing, Embankments, Slopes, and Dams, Pavements, and Geo-Education, Charlottetown, Canada, 20 - 23 March 2022, vol.336, pp.505-514
- II. **A Virtual Board Game: Monosoil**
Dolma A., TÜRKER M., Durmaz M., DUMAN E., SARIÇİÇEK Y. E., PEKCAN O.
2nd Geo Congress - Advances in Monitoring and Sensing, Embankments, Slopes, and Dams, Pavements, and Geo-Education, Charlottetown, Canada, 20 - 23 March 2022, vol.336, pp.497-504
- III. **Development Of Direct Shear And Triaxial Test Procedures On Microbially Treated Sand Specimens**
Tunalı M., Duman E., SARIÇİÇEK Y. E., PEKCAN O., GURBANOV R., GÖZEN A. G.
1st Mediterranean Young Geotechnical Engineers Conference, Muğla/Bodrum, Turkey, 23 - 24 September 2019, pp.73-80
- IV. **An Artificial Intelligence Based Approach For Investigating Slope Stability Of Earth Dams**
SARIÇİÇEK Y. E., PEKCAN O.
5th International Symposium on Dam Safety, İstanbul, Turkey, 27 October - 01 November 2018, vol.2, pp.831-840
- V. **Tam Derinlikli Esnek Üstyapıların Destek Vektör Makineleri Yöntemiyle Sonlu Elemanlar Modellemesi**
PEKCAN O., SARIÇİÇEK Y. E.
ZEMİN MEKANİĞİ VE GEOTEKNİK MÜHENDİSLİĞİ 17. ULUSAL KONFERANSI, İstanbul, Turkey, 26 - 28 September 2018, vol.3, pp.1581-1592

Supported Projects

PEKCAN O., Gedik G., SARIÇİÇEK Y. E., YALÇIN Y., Project Supported by Higher Education Institutions, BİYOLOJİK YÖNTEMLER KULLANILARAK İYİLEŞTİRİLEN ZEMİNLERİN MUKAVEMET DAVRANIŞININ İNCELENMESİ, 2014 - 2016

Metrics

Publication: 7

Citation (WoS): 7

Citation (Scopus): 10

H-Index (WoS): 1

H-Index (Scopus): 1