

Asst. Prof. Aslı Yalçın Dayıođlu

Personal Information

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Education Information

Doctorate, University Of Maryland, College Park, A. James Clark School Of Engineering, Department Of Civil And Environmental Engineering, United States Of America 2012 - 2016

Post Graduate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Zemin Mekaniđi Ve Geoteknik Mühendisliđi (YI), Turkey 2007 - 2010

Foreign Languages

English

German, C1 Advanced

Dissertations

Doctorate, GEOTECHNICAL AND ENVIRONMENTAL IMPACTS OF STEEL SLAG IN EMBANKMENTS, University Of Maryland, College Park, A. James Clark School Of Engineering, Department Of Civil And Environmental Engineering, 2016
Post Graduate, KAZIKLI RADYJEJENERAL TEMELLERİN DÜŞEY VE YATAY YÜKLER ALTINDA DAVRANIŞININ SONLU ELEMENLAR YÖNTEMİ İLE İNCELENMESİ, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Mühendisliđi, 2010

Research Areas

Technical Sciences, Civil Engineering, Geotechnical, Foundation Engineering, Soil Mechanics, Ground Improvement

Academic Titles / Tasks

Research Assistant, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, İnşaat Mühendisliđi Bölümü, 2009 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Evaluation of recycled concrete aggregate backfill for geosynthetic-reinforced MSE walls**
Soleimanbeigi A., Tanyu B. E. , Aydilek A. H. , Florio P., Abbaspour A., Dayıođlu A., Likos W. J.
GEOSYNTHETICS INTERNATIONAL, vol.26, pp.396-412, 2019 (Journal Indexed in SCI)
- **Effect of pH and Subgrade Type on Trace-Metal Leaching from Steel-Slag Embankments into Groundwater**
Yalçın Dayıođlu A., Aydilek A. H.
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.31, 2019 (Journal Indexed in SCI)
- **Trace Metal Leaching from Steel Slag Used in Structural Fills**
Yalçın Dayıođlu A., Aydilek A. H. , ÇİMEN Ö., ÇİMEN M.

● JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.144, 2018 (Journal Indexed in SCI)

Preventing Swelling and Decreasing Alkalinity of Steel Slags Used in Highway Infrastructures

Dayioglu A., AYDILEK A. H. , CETIN B.

TRANSPORTATION RESEARCH RECORD, pp.52-57, 2014 (Journal Indexed in SCI)

Citations

Total Citations (WOS):30

h-index (WOS):4

Scholarships

Dean's Fellowship, University, 2012 - Continues