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International Researcher IDs

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Publons / Web Of Science ResearcherID: AEB-7814-2022

ScopusID: 58963681400

Yoksis Researcher ID: 337947



Learning Knowledge

Doctorate
2022 - Continues

Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey

Postgraduate
2019 - 2022

Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey

Undergraduate
2012 - 2018

Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, A New Vs30 Prediction Strategy Taking Geology, Terrain, and Saturation into Account: Application to Türkiye, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 2022

Academic Titles / Tasks

Research Assistant
2021 - Continues

Middle East Technical University, Faculty of Engineering, Department of Geological Engineering

Supported Projects

1. Bozkurt E., Yalçiner A. C., Süzen M. L., Rojay F. B., Topal T., Toksoy Köksal F., Avşar U., Özacar A. A., Gülerce Z., Ince Özkan M. D., et al., Municipality, İzmir İli Depremsellik Araştırması ve Bayraklı, Bornova ve Konak İlçe Sınırları İçerisindeki Yaklaşık 10802 Hektarlık Alanın Zemin Yapısı İle Zemin Davranış Özelliklerinin Modellenmesi, 2021 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

1. **A Novel VS30 Prediction Strategy Taking Fluid Saturation into Account and a New VS30 Model of Türkiye**
OKAY H. B., ÖZACAR A. A.
Bulletin of the Seismological Society of America, vol.114, no.2, pp.1048-1065, 2024 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

1. **Ege Denizi Kıyıları İçin Sismik Tsunami Tehlike Analizi: Olasılıksal Yaklaşım**
DOĞAN G. G., YALÇINER A. C., ÖZACAR A. A., GÜLERCE Z., TÜFEKÇİ ENGİNAR D., SÜZEN M. L., KARAKÜTÜK B., OKAY H. B., KANUN O., PEKCAN O., et al.
10. Kıyı Mühendisliği Sempozyumu, İzmir, Turkey, 16 - 17 November 2023
2. **A New Vs30 Prediction Strategy Taking Topography, Geology, Terrain and Water Saturation into Account: Application to Türkiye and California**
OKAY H. B., ÖZACAR A. A.
EGU General Assembly 2023, Viyana, Austria, 24 April 2023
3. **Performance Analysis of Existing Vs30 Prediction Models for Turkey and New Approaches to Improve**
Okay H. B., Özacar A. A.
Uluslararası Katılımlı 74. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 11 April 2022, pp.249

Metrics

Publication: 4

Research Areas

Geographic Information Systems, Remote sensing, Seismology, Tectonics (Paleotectonics, Neotectonics, Seismotectonics), Geology, Engineering Geology foundations, earthquakes, dams, reservoirs

Non Academic Experience

Company, Promota Engineering and Consultancy, Geological Engineering Department
Promota Mühendislik ve Müşavirlik A.Ş.