

# Doç.Dr. HAKAN AHMET NEFESLİOĞLU

## Kişisel Bilgiler

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## Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği Anabilim Dalı, Türkiye 2003 - 2008

Yüksek Lisans, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği Anabilim Dalı, Türkiye 2000 - 2003

Lisans, Hacettepe Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, Türkiye 1994 - 2000

Lisans, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği Anabilim Dalı, Türkiye 1994 - 2000

## Yabancı Diller

İngilizce, B2 Orta Üstü

## Araştırma Alanları

Jeoloji Mühendisliği , Uygulamalı Jeoloji, Mühendislik Jeolojisi (Temel, Deprem, Baraj, Gölet), Mühendislik ve Teknoloji

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **The use of landslide hazard maps to determine mitigation priorities in a dam reservoir and its protection area**  
NEFESLİOĞLU H. A. , Görüm T.  
LAND USE POLICY, cilt.91, 2020 (SSCI İndekslerine Giren Dergi)
- II. **On the use of hierarchical fuzzy inference systems (HFIS) in expert-based landslide susceptibility mapping: the central part of the Rif Mountains (Morocco)**  
Ozer B. C. , Mutlu B., NEFESLİOĞLU H. A. , SEZER E., Rouai M., Dekayir A., GÖKÇEOĞLU C.  
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- III. **An Experimental Research on the Use of Recurrent Neural Networks in Landslide Susceptibility Mapping**  
MUTLU B., NEFESLİOĞLU H. A. , SEZER E., AKCAYOL M. A. , GÖKÇEOĞLU C.  
ISPRS INTERNATIONAL JOURNAL OF GEO-INFORMATION, cilt.8, 2019 (SCI İndekslerine Giren Dergi)
- IV. **Landslide susceptibility mapping of the Mediterranean coastal zone of Morocco between Oued Laou and El Jebha using artificial neural networks (ANN)**  
Harmouzi H., NEFESLİOĞLU H. A. , Rouai M., Sezer E. A. , Dekayir A., GÖKÇEOĞLU C.  
ARABIAN JOURNAL OF GEOSCIENCES, cilt.12, 2019 (SCI İndekslerine Giren Dergi)
- V. **Mapping of shallow landslides with object-based image analysis from unmanned aerial vehicle data**  
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- VI. **A Novel Performance Assessment Approach Using Photogrammetric Techniques for Landslide Susceptibility Mapping with Logistic Regression, ANN and Random Forest**  
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- VII. **A defuzzification-free hierarchical fuzzy system (DF-HFS): Rock mass rating prediction**  
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- VIII. **An expert-based landslide susceptibility mapping (LSM) module developed for Netcad Architect Software**  
SEZER E., Nefeslioglu H. A. , Osna T.  
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- IX. **A fuzzy classification routine for fine-grained soils**  
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- X. **Safety assessment of limestone-based engineering structures to be partially flooded by dam water: A case study from northeastern Turkey**  
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- XI. **Modification of seed cell sampling strategy for landslide susceptibility mapping: an application from the Eastern part of the Gallipoli Peninsula (Canakkale, Turkey)**  
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- XII. **Determination of coastal border line: an integrated approach for a part of Antalya coast (Turkey)**  
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- XIII. **An assessment on producing synthetic samples by fuzzy C-means for limited number of data in prediction models**  
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- XIV. **A. Blais-Stevens, P. Behnia, M. Kremer, A. Page, R. Kung, G. Bonham-Carter: Comments on Landslide susceptibility mapping of the Sea to Sky transportation corridor, British Columbia, Canada: comparison of two methods, Bulletin of Engineering Geology and the Environment, 2012, 71(3):447-466. doi:10.1007/s10064-012-0421-z**  
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- XXIV. **A comparative study on indirect determination of degree of weathering of granites from some physical and strength parameters by two soft computing techniques**  
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- XXVII. **An assessment on the use of logistic regression and artificial neural networks with different sampling strategies for the preparation of landslide susceptibility maps**  
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- XXVIII. **Extraction of potential debris source areas by logistic regression technique: a case study from Barla, Besparmak and Kapi mountains (NW Taurids, Turkey)**  
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### **Kapi Mountains (NW Taurids, Turkey)**

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XXXIV. **Indirect determination of weighted joint density (wJd) by empirical and fuzzy models: Supren (Eskisehir, Turkey) marbles**

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XXXIX. **Determination of wJd on rock exposures including wide spaced joints**

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XL. **An approach to determine the weathering characteristics of discontinuities**

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XLI. **A Mamdani model to predict the weighted joint density**

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### **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

I. **Consequences of Structural Differences Between Hierarchical Systems While Fuzzy Inference**

Mutlu B., SEZER E., NEFESLİOĞLU H. A.

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II. **A Decision Support System Suggestion for the Optimum Railway Route Selection**

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III. **Determination of the Shore Edge Line at Kundu (Antalya, Turkey)**

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**IV. Mechanism and activity of a complex landslide**

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**V. Change detection of structures in the earthquake hazard zoning map of Eskisehir city, Turkey, by using satellite images**

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## **Atıflar**

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