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### Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Jeoloji Mühendisliği, Türkiye 1993 - 1997

Lisans, Hacettepe Üniversitesi, Mühendislik Fakültesi, Jeoloji (Hidrojeoloji), Türkiye 1984 - 1989

### Yabancı Diller

İngilizce, B2 Orta Üstü

### Araştırma Alanları

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

### Akademik Unvanlar / Görevler

Prof.Dr., Hacettepe Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2009 - Devam Ediyor

Doç.Dr., Hacettepe Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2003 - 2009

Yrd.Doç.Dr., Hacettepe Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 1998 - 2003

Araştırma Görevlisi, Hacettepe Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 1989 - 1998

### Akademik İdari Deneyim

Hacettepe Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2012 - Devam Ediyor

### Yönetilen Tezler

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- II. **A Comprehensive Assessment of XGBoost Algorithm for Landslide Susceptibility Mapping in the Upper Basin of Ataturk Dam, Turkey**  
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- IV. **Use of multisensor and multitemporal geospatial datasets to extract the foundation characteristics of a large building: a case study**  
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- V. **A special support design for a large-span tunnel crossing an active fault (T9 Tunnel, Ankara-Sivas High-Speed Railway Project, Turkey)**  
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Aygar E. B. , GÖKÇEOĞLU C.  
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- IX. **On the use of hierarchical fuzzy inference systems (HFIS) in expert-based landslide susceptibility mapping: the central part of the Rif Mountains (Morocco)**  
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- X. **An Experimental Research on the Use of Recurrent Neural Networks in Landslide Susceptibility Mapping**  
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- XI. **An Assessment on Permeability and Grout Take of Limestone: A Case Study at Mut Dam, Karaman, Turkey**  
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- XVIII. **Combination of discontinuity characteristics and GIS for regional assessment of natural rock slopes in a mountainous area (NE Turkey)**  
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- XIX. **Comment on "Comparative study of the deformation modulus of rock mass" by Panthee et al. (2018) in the Bulletin of Engineering Geology and the Environment**  
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- XXI. **Safety assessment of limestone-based engineering structures to be partially flooded by dam water: A case study from northeastern Turkey**  
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- XXII. **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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- XXIII. **Preface of special issue on probabilistic and soft computing methods for engineering geology**  
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- XXIV. **Spatial distribution of coal quality parameters with respect to production requirements: an adaptive neuro-fuzzy application for the Can coal field (Turkey)**  
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- XXVI. **A simple regression based approach to estimate deformation modulus of rock masses**  
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- XXXI. **A modified analytical hierarchy process (M-AHP) approach for decision support systems in natural hazard assessments**  
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- XXXIII. **Influence of seismic acceleration on landslide susceptibility maps: a case study from NE Turkey (the Kelkit Valley)**  
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- XXXIV. **Knowledge-based and data-driven fuzzy modeling for rockburst prediction**  
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- XXXV. **Application of weights-of-evidence and certainty factor models and their comparison in landslide susceptibility mapping at Haraz watershed, Iran**  
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- XXXVI. **Landslide susceptibility mapping using support vector machine and GIS at the Golestan Province,**

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XXXVII. **Preface for the special issue "FUZZYSS11: 2nd International Fuzzy Systems Symposium"**

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XXXIX. **A computer program (TSecSoft) to determine mineral percentages using photographs obtained from thin sections**

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XL. **Application of fuzzy logic and analytical hierarchy process (AHP) to landslide susceptibility mapping at Haraz watershed, Iran**

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XLV. **Medium-scale hazard mapping for shallow landslide initiation: the Buyukkoy catchment area (Cayeli, Rize, Turkey)**

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XLVII. **Some non-linear models to predict the weathering degrees of a granitic rock from physical and mechanical parameters**

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XLVIII. **Landform effect on rockfall and hazard mapping in Cappadocia (Turkey)**

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XLIX. **Modeling of the uniaxial compressive strength of some clay-bearing rocks using neural network**

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L. **Probabilistic Risk Assessment in Medium Scale for Rainfall-Induced Earthflows: Catakli Catchment**

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- LIV. Neuro-fuzzy based constitutive modeling of undrained response of Leighton Buzzard Sand mixtures**  
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- LV. A statistical assessment on international landslide literature (1945-2008)**  
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- LVI. 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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- LVII. Estimating the uniaxial compressive strength of some clay-bearing rocks selected from Turkey by nonlinear multivariable regression and rule-based fuzzy models**  
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- LIX. Implementation of reconstructed geomorphologic units in landslide susceptibility mapping: the Melen Gorge (NW Turkey)**  
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- LX. The use of cation packing index for characterizing the weathering degree of granitic rocks**  
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