

CURRICULUM VITAE

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Hacettepe University Faculty of Engineering
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PERSONAL INFORMATION

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EDUCATION

B.Sc.

1999-2003 Hacettepe University, Geological Engineering Dept., Beytepe, Ankara

M.Sc.

2003-2007 Hacettepe University, Geological Engineering Dept, Beytepe, Ankara

Ph.D.

2007-2014 Hacettepe University, Geological Engineering Dept., Beytepe, Ankara

WORK EXPERIENCE

2007-2012 Hacettepe University Research Assistant

2012 -.... Hacettepe University Ph.D. Research Assistant

RESEARCH AREAS

- Engineering Geology,
- Landslides,
- Remote Sensing,

- Geographic Information Systems (GIS)
- Rock Mechanics,
- Rock Weathering,
- Artificial Neural Networks (ANN)

SCIENTIFIC STUDIES

A) THESIS

M.Sc.

Thesis title: A rating based rock material weathering classifications for the Koprulukoy (Balıkesir) granites and their comparison (Hacettepe Univ., Geological Engineering Dept., 2006)

Ph.D.

Thesis title: Assessment of sampling and validation strategies in production of landslide susceptibility maps (Eastern part of Gallipoli Peninsula) (Hacettepe Univ., Geological Engineering Dept., 2013)

B) ARTICLES PUBLISHED IN INTERNATIONAL JOURNALS (INDEXED IN SCI/SCIE/SSCI)

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

Dagdelenler, G., Sezer, E.A., Gokceoglu, C.

Expert Systems with Applications, 38, 6, 7476-7485 (2011)

- **Modification of seed cell sampling strategy for landslide susceptibility mapping: an application from the Eastern part of the Gallipoli Peninsula (Canakkale, Turkey)**

Dagdelenler, G., Nefeslioglu, H.A., Gokceoglu, C.

Bulletin of Engineering Geology and the Environment, DOI 10.1007/s10064-015-0759-0, 75, 575-590 (2016)

- **Application of Chebyshev theorem to data preparation in landslide susceptibility mapping studies: an example from Yenice (Karabük, Turkey) region**

Ercanoglu, M., Dagdelenler, G., Ozsayin, E., Alkeveli, T., Sonmez, H., Ozyurt, N.N., Kahraman, B., Ucar, İ., Cetinkaya, S.

Journal of Mountain Science, 13 (11): 1923-1940 (2016)

- **Predicting uniaxial compressive strength and deformation modulus of volcanic bimrock considering engineering dimension**

Sonmez, H., Ercanoglu, M., Kalender, A., Dagdelenler, G., Tunusluoğlu, C.

International Journal of Rock Mechanics and Mining Sciences, 86, 91-103 (2016)

- **Prediction of mono-wire cutting machine performance parameters using artificial neural network and regression models**

Yılmazkaya, E., Dağdelenler, G., Özçelik, Y., Sönmez, H.

Engineering Geology, 239, 96-108 (2018)

- **Landslide susceptibility mapping at Ovacık-Karabük (Turkey) using different artificial neural network models: comparison of training algorithms**

Can, A., Dagdelenler, G., Ercanoglu, M., Sonmez, H.

Bulletin of Engineering Geology and the Environment, 78, 98-102 (2019)

C) ARTICLES PUBLISHED IN NATIONAL JOURNALS

- **Yapay Sinir Ağı kullanılarak CPT Tabanlı Sıvılaştırma Değerlendirme Abağının Geliştirilmesi**

Sönmez, B., Dağdelenler, G., Özcan, N.T., Ercanoğlu, M., Sönmez, H.

Yerbilimleri (Bulletin of Earth Sciences), 36 (2), 45-60 (2015)

D) INTERNATIONAL CONFERENCE AND SYMPOSIUMS

- **Soft computing modelling for indirect determination of the weathering degrees of a granitic rock**

Dağdelenler, G., Sezer, E., Gökçeoğlu, C.

European Geosciences Union General Assembly 2010, Vienna, Abstracts, on CD.

- **Landslide susceptibility model validation: a routine starting from landslide inventory to susceptibility**

Dagdelenler, G., Nefeslioglu, H.A., Gokceoglu, C.

The third World Landslide Forum (WLF3), Beijing, China (2014)

- **Landslide inventory of the Eastern part of the Gallipoli Peninsula (Canakkale, Turkey)** Dagdelenler, G., Nefeslioglu, H.A., Gokceoglu, C.

The third World Landslide Forum (WLF3), Beijing, China (2016)

- **Assessment of landslide and flood hazard potential of Yenice district (Karabük, Turkey)**

Ercanoğlu, M., Uçar, İ., Sönmez, H., Özyurt, N.N., Dağdelenler, G., Özsayın, E., Kahraman, B., Çelik, S., Alkeveli, T.

Uluslararası Doğal Afet ve Afet Yönetimi Sempozyumu (DAAYS'16), Karabük, Turkey (2016)

- **The seismicity and hazard potential of the Karabük Fault, Western Black Sea Region: Preliminary Results**

Kahraman, B., Ozsayın, E., Ercanoglu, M., Dagdelenler, G.

World Multidisciplinary Earth Sciences Symposium (WMESS) 2015, Prague (2015)

- **Landslide susceptibility assessment in Yenice Region (Karabuk, NW Turkey): Comparison of artificial neural network with logistic regression**

Alkeveli, T., Dagdelenler, G., Cetinkaya, S., Ozsayın, E., Kahraman, B., Ozyurt, N.N., Uçar, İ., Sönmez, H., Ercanoglu, M.

Poster presentation, World Multidisciplinary Earth Sciences Symposium (WMESS) 2015, Prague (2015)

- **Landslide susceptibility mapping by using Logistic Regression (LR) and Artificial Neural Networks (ANN): the eastern part of the Gallipoli Peninsula (Turkey)**

Dagdelenler, G., Nefeslioglu, H.A., Gokceoglu, C.

World Multidisciplinary Earth Sciences Symposium (WMESS) 2016, Prague.

E) NATIONAL CONFERENCE AND SYMPOSIUMS

- **Köprüköy (Bala-Ankara) granitleri için puanlama esaslı kaya malzeme sınıfları ve bunların karşılaştırılması**

Elmasoğlu, G.

İstanbul Teknik Üniversitesi, Maden Fakültesi, VIII. Bölgesel Kaya Mekaniği Sempozyumu Bildiri Özleri Kitabı (2006)

- **Trabzon-Gümüşhane Karayolu Şevlerinde Gözlenen Kaya Düşme Tehlikesi: Bir Ön Değerlendirme**

Zorlu, K., Gökçeoğlu, C., Sönmez, H., Wasowski, J., Delgaudio, V., Tunusluoğlu, M.C., Ceryan, Ş., Akgün, A., Dağdelenler, G., Gürler, M., Taga, H., Ceryan, N.

61. Türkiye Jeoloji Kurultayı, Ankara, Bildiri Özleri Kitabı, 284-285 (2008)

PROJECTS

- Yüksek sismik aktiviteye sahip bir bölgede heyelan tehlikesinin değerlendirilmesi, Hacettepe Üniversitesi Bilimsel Araştırmalar Birimi, Kapsamlı Araştırma Projesi, 2010, Project No: 07 01 602 001 (**Researcher**)
- Heyelan Duyarlılık Haritalamalarında Kullanılan Yöntemlerin karşılaştırılması: Batı Karadeniz Bölgesi, Hacettepe Üniversitesi Bilimsel Araştırmalar Koordinasyon Birimi, 2013 (**Researcher**)
- Topoğrafik haritalardan yararlanarak heyelan envanter haritalamasının Coğrafi Bilgi Sistemleri (CBS) ortamında otomatik olarak elde edilmesine yönelik bir çalışma: Ulus (Bartın) Havzası, Hacettepe Üniversitesi Bilimsel Araştırma Projeleri Koordinasyon Birimi, 2014 - 2017, Proje No: 1374 (**Director**)
- TÜBİTAK 1001 Bilimsel ve Teknolojik Araştırma Projelerini Destekleme Pr., 2014, Project No: 113Y455 (**Researcher**)
- Development of a combined empirical approach for the estimation of the strength of rockfills, rock masses and bimrocks, Scientific Research Projects Coordination Unit, 2015 - 2018, Project No: 6221 (**Researcher**)
- H. Ü. Jeoloji Mühendisliği Bölümü Coğrafi Bilgi Sistemi ve Uzaktan Algılama Laboratuvarları İçin Yazılım Desteği, Hacettepe Üniversitesi Bilimsel Araştırma Projeleri Koordinasyon Birimi, Alt Yapı Projesi, 2014 - 2017 (**Researcher**)

LANGUAGE

- English (Upper Intermediate)

MEMBERSHIPS

- TMMOB Jeoloji Mühendisleri Odası
- Turkish Society for Engineering Geology
- International Association of Engineering Geology and the Environment (IAEG)

REVIEWER FOR JOURNALS

- Bulletin of Engineering Geology and Environment (BOEG)
- Engineering Geology

- Computer and Geosciences
- Arabian Journal of Geosciences
- Open Geosciences
- Central European Journal of Geosciences
- Turkish Journal of Remote Sensing and GIS
- S.Ü. Müh. Bilim ve Tekn. Dergisi