

## Lect. PhD Adem Candaş

### Personal Information

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### Education Information

Associate Degree, Anadolu University, Faculty Of Open University, Department Of Audio-Visual Techniques And Media Productions, Turkey 2015 - Continues

Doctorate, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Mechanical Engineering, Turkey 2013 - 2021

Postgraduate, İstanbul Teknik Üniversitesi, Avrasya Yer Bilimleri Enstitüsü, Jeodinamik, Turkey 2015 - 2017

Postgraduate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Konstrüksiyon, Turkey 2010 - 2013

Undergraduate, Anadolu University, Faculty Of Economics, Department Of Public Administration, Turkey 2008 - 2013

Undergraduate, İstanbul Teknik Üniversitesi, Makina Fakültesi, Makina Mühendisliği, Turkey 2005 - 2010

### Research Areas

Geological Engineering, General Geology, Surficial Geology (geomorphology, quaternary geology, soils), Mechanical Engineering, Construction and Manufacturing, Engineering and Technology

### Academic Titles / Tasks

Lecturer PhD, Istanbul Technical University, Makina, Makina Mühendisliği, 2018 - Continues

Research Assistant, Istanbul Technical University, Makina, Makina Mühendisliği, 2010 - 2018

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

- I. **Dynamic Crack Propagation and Its Interaction With Micro-Cracks in an Impact Problem**  
Candaş A., Oterkus E., İmrak C. E.  
JOURNAL OF ENGINEERING MATERIALS AND TECHNOLOGY-TRANSACTIONS OF THE ASME, vol.143, no.1, 2021  
(Journal Indexed in SCI)
- II. **Modelling Last Glacial Maximum ice cap with the Parallel Ice Sheet Model to infer palaeoclimate in south-west Turkey**  
Candaş A., Sarıkaya M. A. , Kose O., Sen O. L. , Ciner A.  
JOURNAL OF QUATERNARY SCIENCE, vol.35, no.7, pp.935-950, 2020 (Journal Indexed in SCI)
- III. **Late Quaternary glaciations and cosmogenic Cl-36 geochronology of Mount Dedegol, south-west Turkey**  
KÖSE O., Sarıkaya M. A. , Ciner A., Candaş A.  
JOURNAL OF QUATERNARY SCIENCE, vol.34, no.1, pp.51-63, 2019 (Journal Indexed in SCI)

### Articles Published in Other Journals

- I. **Noise Measurement in Elevators**

Candaş A., Sancak A. M. , İmrak C. E.

Avrupa Bilim ve Teknoloji Dergisi, vol.24, pp.75-80, 2021 (Other Refereed National Journals)

**II. Analysis and Comparison of Elevator Cabin Guide Rail Bracket Designs Under Earthquake Load**

Sancak A. M. , Candaş A., İmrak C. E.

Avrupa Bilim ve Teknoloji Dergisi, vol.24, pp.60-66, 2021 (Other Refereed National Journals)

**III. An Experimental Stress Analysis of a Jib Crane**

Candaş A., Kurt S., Gerdemeli İ., KAYAĞLU E.

ADVANCED DESIGN AND MANUFACTURE V, vol.572, pp.173-176, 2014 (Refereed Journals of Other Institutions)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Paleo-ice cap modeling with Parallel Ice Sheet Model (PISM) a case study from Mount Dedegöl, SW Turkey.**  
SARIKAYA M. A. , CANDAS A., Köse O., ŞEN Ö. L. , ÇİNER T. A.  
INQUA, 28 - 31 July 2019
- II. **Late Pliocene cosmogenic chronology of Mt karanfil, Turkey**  
ÇİNER T. A. , KÖSE O., SARIKAYA M. A. , YILDIRIM C., CANDAS A., WILCKEN K.  
AGU, 10 - 14 December 2018, vol.1, pp.10
- III. **Asansörler ve Yürüyen Merdivenlerde Enerji Tüketimi ve Verimliliği**  
KOCABAL Y. Z. , İMRAC C. E. , CANDAS A.  
IX. Asansör Sempozyumu, İzmir, Turkey, 18 - 20 October 2018, pp.127-135
- IV. **COMPARISON OF ANALYTICAL AND FINITE ELEMENT ANALYSIS OF A TOWER CRANE BOOM**  
ŞAHİN U., CANDAS A., BOĞOÇLU M. E.  
21st International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2018, Karlovy-Vary, Czech Republic, 18 - 22 September 2018
- V. **Analytical and Finite Element In-Plane Vibration Analysis of a Gantry Crane**  
ŞAHİN T., CANDAS A., İMRAC C. E.  
26 International Scientific Technical Conference, trans MOTAUTO 2018, Burgas, Bulgaria, 27 - 30 June 2018, pp.45-47
- VI. **RECONSTRUCTION OF THE PALEOGLACIERS WITH PISM (PARALLEL ICE SHEET MODEL): A CASE STUDY ON DEDEGÖL MOUNTAIN**  
CANDAS A., SARIKAYA M. A. , KÖSE o., ŞEN Ö. L. , ÇİNER T. A.  
TURQUA TÜRKİYE KUVATERNER SEMPOZYUMU, İstanbul, Turkey, 2 - 05 May 2018, pp.63
- VII. **DETERMINATION OF LAST GLACIAL EQUILIBRIUM LINE ALTITUDES OF TURKEY BY GLACIAL MASS BALANCE MODEL**  
GÜNDÜZ s., CANDAS A., SARIKAYA M. A.  
TURQUA TÜRKİYE KUVATERNER SEMPOZYUMU, İstanbul, Turkey, 2 - 05 May 2018, pp.155
- VIII. **Dedegöl Dağları'nda buzul kronolojisi ve fiziksel buzul akış modeli**  
KÖSE O., CANDAS A., SARIKAYA M. A. , ÇİNER T. A. , ŞEN Ö. L.  
Sedimentoloji Çalışma Grubu Çalıştayı, Rize, Turkey, 14 - 17 September 2017, vol.1, pp.12-13
- IX. **A New Attempt of 2-D Numerical Ice Flow Model to Reconstruct Paleoclimate from Mountain Glaciers**  
CANDAS A., SARIKAYA M. A.  
EGU General Assembly 2017, Geophysical Research Abstracts, VIYANA, Austria, 23 - 28 April 2017
- X. **Cosmogenic <sup>36</sup>Cl chronology of N part of Mt Dedegöl, Turkey**  
KÖSE O., SARIKAYA M. A. , ÇİNER T. A. , ŞEN Ö. L. , CANDAS A.  
EGU 2017, Austria, 20 - 24 April 2017
- XI. **RECONSTRUCTION OF LATE QUATERNARY PALEOCLIMATE OF MOUNT DEDEGÖL USING COSMOGENIC ISOTOPES AND GLACIER FLOW MODELS**  
KÖSE o., SARIKAYA M. A. , ÇİNER T. A. , ŞEN Ö. L. , CANDAS A.  
Türkiye Kuvaterner Sempozyumu TURQUA 2016, İstanbul, Turkey, 8 - 11 May 2016, pp.48

- XII. **TWO DIMENSIONAL NUMERICAL ICE FLOW MODELING: A NEW APPROACH TO RECONSTRUCT THE PALEOCLIMATE FROM GLACIAL RECORDS**  
CANDAŞ A., SARIKAYA M. A.  
Türkiye Kuvaterner Sempozyumu, İstanbul, Turkey, 8 - 11 May 2016, pp.157
- XIII. **DEDEĞÖL DAĞI KUVATERNER BUZULLAŞMASI VE PALEOİKLİM KOŞULLARININ KOZMOJENİK YÜZEY YAŞLANDIRMASIYLA BELİRLENMESİ: ÖN SONUÇLAR**  
KÖSE o., SARIKAYA M. A. , ÇİNER T. A. , ŞEN Ö. L. , CANDAŞ A.  
69. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 11 - 15 April 2016, pp.500-501
- XIV. **İstanbul'un Tarihi Füniküleri 'Tünel'**  
KAYAOĞLU E., CANDAŞ A., KOCABAL Y. Z. , İMRAK C. E.  
Asansör Sempozyumu, İzmir, Turkey, 25 - 27 September 2014, pp.297-305