



Asst. Prof. ABDULLAH AKBAŞ

Personal Information

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Biography

Dr. Abdullah Akbas is a Assistant Professor in the Geography department at the Bursa Uludağ University since 2019. Dr. Akbas completed his PhD at Istanbul University and his MSc at Çanakkale Onsekiz Mart University. He attended to "Study and Management of Geological Risks" course in CERG (University of Geneva-Switzerland) during the his PhD. He has also joined the Hydrology group of Bristol University as research collaborator during the PhD thanks to TUBITAK 2214-A fellowship. His research areas include hydrology, climate change (modern and paleo), earth-atmosphere modelling and natural hazards via statistical and dynamical approaches.

Education Information

2017 - 2018	Doctorate, University of Bristol, School Of Geographical Sciences, United Kingdom
2013 - 2018	Doctorate, Istanbul University, Institute Of Social Sciences, Coğrafya (Dr), Turkey
2016 - 2017	Postgraduate, Universite de Geneve, Faculty Of Science, Switzerland
2011 - 2013	Postgraduate, Canakkale Onsekiz Mart University, Sosyal Bilimler Enstitüsü, Coğrafya (Y) (Tezli), Turkey
2007 - 2011	Undergraduate, Canakkale Onsekiz Mart University, Fen-Edebiyat Fakültesi, Coğrafya Bölümü, Turkey

Foreign Languages

English, C1 Advanced

Dissertations

2018	Understanding of climate change effect on rainfall-runoff in Marmara Drainage Basin, University of Bristol, School Of Geographical Sciences, Doctorate
2018	Marmara Denizi Drenaj Havzasında Yağış-Akış İlişkileri, Istanbul University, Sosyal Bilimler Enstitüsü, Coğrafya (Dr), Doctorate
2017	Assessment of Landslide Susceptibility In Hopa Basin (NE, Turkey) In Terms Of Changing Climate, Universite de Geneve, Postgraduate
2013	Türkiyede Palmer kuraklık indisine göre kuraklığın alansal ve zamansal değişiminin incelenmesi, Canakkale Onsekiz Mart University, Sosyal Bilimler Enstitüsü, Coğrafya (Y) (Tezli), Postgraduate

Research Areas

Physical Geography, Watershed Management and Planning, Hydrology-Hydrometeorology, Climate Change and Climate Modeling, Meteorological Disasters, Surface Water Engineering, Hydrology

Academic Titles / Tasks

2019 - Continues	Assistant Professor, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Coğrafya
2014 - 2019	Research Assistant, Ardahan University, Ardahan Faculty Of Humanities And Letters, Department Of Geography

Academic and Administrative Experience

2021 - Continues	Erasmus Program Institutional Coordinator, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Coğrafya
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Courses

2022 - 2023	Oceanography, Undergraduate
2022 - 2023	Biogeography, Undergraduate
2018 - 2019, 2021 - 2022	Hydro-climatological Extremes, Postgraduate
2018 - 2019, 2020 - 2021, 2021 - 2022	Climatology II, Undergraduate
2021 - 2022	Global Climate Change and Impacts, Undergraduate
2021 - 2022	Paleogeography, Undergraduate
2021 - 2022	Climate of Turkey, Undergraduate
2020 - 2021	Vegetation Geography, Undergraduate
2018 - 2019, 2019 - 2020, 2021 - 2022	Climatology I, Undergraduate
2018 - 2019, 2021 - 2022	Climate Zones and Applications, Postgraduate
2018 - 2019, 2021 - 2022	Research Methods in Physical Geography, Postgraduate
2018 - 2019, 2020 - 2021	Undergraduate
2021 - 2022	Basin Hydrology, Undergraduate
2018 - 2019, 2021 - 2022	Fieldworks in Geography I, Undergraduate
2018 - 2019, 2019 - 2020, 2021 - 2022	Soil Geography, Undergraduate
2018 - 2019, 2021 - 2022	Statistics in Archeology, Postgraduate
2019 - 2020	Data Analysis and Visualization in Hydrology and Climatology, Doctorate
2019 - 2020	Climate Change: Natural and Anthropogenic Causes and Effects, Doctorate
2019 - 2020	Hydrological Analysis and Modeling, Doctorate
2019 - 2020	Multivariate Statistical Analysis in Physical Geography, Doctorate

Advising Theses

Jury Memberships

May 2022	Doctoral Examination, Doctoral Examination, İstanbul Teknik Üniversitesi
March 2022	Doctorate, Doctorate, İstanbul Üniversitesi
December 2021	Post Graduate, Post Graduate, Çanakkale Onsekiz Mart Üniversitesi
October 2021	Doctoral Examination, Doctoral Examination, Balıkesir Üniversitesi
October 2021	Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi
January 2021	Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi
December 2020	Doctoral Examination, Doctoral Examination, İstanbul Teknik Üniversitesi

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

- I. What about reservoirs? Questioning anthropogenic and climatic interferences on water availability**
Akbaş A., Freer J., Özdemir H., Bates P. D., Turp M. T.
HYDROLOGICAL PROCESSES, vol.34, pp.5441-5455, 2020 (Journal Indexed in SCI)
- II. MULTI-PROXY SEDIMENTARY RECORDS OF DRY-WET CLIMATE CYCLES DURING THE LAST 2 KA FROM LAKE CILDIR, EAST ANATOLIAN PLATEAU, TURKEY**
ERGİNAL A. E., Cagatay M. N., SELİM H. H., Karabiyikoglu M., ÇAKIR Ç., Yakupoğlu N., Acar D., AKBAŞ A., Kaya H.
GEOGRAFIA FISICA E DINAMICA QUATERNARIA, vol.42, no.1, pp.61-70, 2019 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. Termination of Little Ice Age in Northeastern Anatolia, A multi-proxy paleolimnology study of undisturbed sediments, Lake Aygır (Kars, NE Anatolia)**
Erginal A. E., Yakupoğlu N., Çakır Ç., Akbaş A., Kükreler S.
Türkiye Jeoloji Bülteni / Geological Bulletin of Turkey, vol.65, no.2, pp.149-158, 2022 (Journal Indexed in ESCI)
- II. Türkiye'nin Değişen İkliminde Isıtma ve Soğutma Gün Derecelerinin Gelecek Projeksiyonları**
An N., Turp M. T., AKBAŞ A., öztürk ö., KURNAZ M. L.
Marmara Fen Bilimleri Dergisi, vol.3, pp.227-240, 2018 (Refereed Journals of Other Institutions)
- III. Marmara Denizi havzasının hidroklimatolojik dinamiklerinin belirlenmesi**
Akbaş A., Özdemir H.
Türk Coğrafya Dergisi, no.70, pp.123-131, 2018 (Other Refereed National Journals)
- IV. Türkiye Üzerindeki Önemli Kurak Yıllar**
AKBAŞ A.
Coğrafi Bilimler Dergisi, vol.12, no.2, pp.101-117, 2014 (Other Refereed National Journals)
- V. Türkiye de klimatolojik kuraklık olasılıklarının dağılışı**
AKBAŞ A.
Türk Coğrafya Dergisi, vol.0, no.63, pp.1-7, 2014 (Other Refereed National Journals)

Books & Book Chapters

- I. Hidrolojinin Temelleri**
Özdemir H. (Editor), Akbaş A. (Editor), Aksoy H. (Editor)
Nobel Yayın Dağıtım, Ankara, 2021
- II. Yağış-Akış Çalışmalarında ArcSwat Uygulaması: Bartın Çayı Havzası Örneği**
AKBAŞ A., ÖZDEMİR H.

in: Coğrafya Araştırmalarında Coğrafi Bilgi Sistemleri Uygulamaları, Ebru Akköprü, Mehmet Fatih Döker, Editor, Pegem Akademi, Ankara, pp.107-128, 2019

III. **Climate Change and Coastal Tourism: Impacts of Climate Change on the Turquoise Coast**

Akbaş A.

in: Climate Change and Coastal Tourism: Impacts of Climate Change on the Turquoise Coast, Jones A, Phillips M, Editor, CAB International, Birmingham, pp.247-263, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **İnegöl Havzasında Antecedent Yağışların Heyelan Oluşumunda Göreceli Önemi ve Değişen İklim Duyarlılığı**
AKBAŞ A., GÖRÜM T., FİDAN S.
3. Heyelan Sempozyumu, Ankara, Turkey, 13 - 14 October 2021
- II. **The climatic, topographic and litho-tectonic characteristics of badlands in Turkey**
Avcioğlu A., GÖRÜM T., AKBAŞ A., de las Heras M. M., YETEMEN Ö.
EGU General Assembly Conference, Viyana, Austria, 21 April 2021
- III. **Akdağ (Alanya) Geç Pleyistosen Buzullaşmalarının İzleri**
BAYRAKDAR C., ÇILGIN Z., AKBAŞ A., KESERCİ F.
Türkiye Kuvaterner Sempozyumu, İstanbul, Turkey, 20 October 2020
- IV. **PEKİ YA BARAJLAR? BARAJLARIN VE İKLİM DEĞİŞİKLİĞİNİN SU KAYNAKLARI ÜZERİNDEKİ ETKİSİNİN İRDELENMESİ**
AKBAŞ A., ÖZDEMİR H., Turp M. T., Freer J., Bates P.
TURQUA2020, İstanbul, Turkey, 20 - 23 October 2020, pp.41-42
- V. **Bartın Çayı Havzasında Taşkın Karakteristiklerinin Zamansal Değişimleri**
AKBAŞ A., ÖZDEMİR H.
International Symposium on Geomorphology, 10 October 2018 - 12 October 2019
- VI. **Terkos (Durusu) Gölü Çökellerinin Son 700 Yıldaki İklimsel Göstergeleri**
ERGİNAL A. E., KAYA H., KÜKRER S., ÇAKIR Ç., AKBAŞ A.
INTERNATIONAL CONGRESS ON THE 75TH ANNIVERSARY OF TGS, Ankara, Turkey, 8 - 10 November 2017, pp.625-626
- VII. **Paleoclimatic Implications of Lake Terkos (Durusu) Sediments over the Last 700 Years-Terkos (Durusu) Gölü Çökellerinin Son 700 Yıldaki İklimsel Göstergeleri**
ERGİNAL A. E., Kaya H., KÜKRER S., ÇAKIR Ç., AKBAŞ A.
International Congress on the 75th Anniversary of Turkish Geographical Society, Ankara, Turkey, 8 - 10 November 2017, pp.625-626
- VIII. **Paleosol Formation on Kıyıköy Coast (Kırklareli) / Kıyıköy (Kırklareli) Kıyılarında Paleosol Oluşumu**
ERGİNAL A. E., Kaya H., ÇAKIR Ç., AKBAŞ A., ÖZTÜRK M. Z., BOZCU M., KARABIYIKOĞLU M., KIRCI ELMAS E.
International Symposium on Geomorphology, Elazığ, Turkey, 12 - 14 October 2017, pp.321-323
- IX. **Belirteç Element Dağılımlarına Göre Küçük Çekmece Gölü'nde Son 700 Yıldaki İklimsel Salınımların İzleri**
ERGİNAL A. E., AKBAŞ A., KAYA H., ÇAKIR Ç., KARABIYIKOĞLU M.
Uluslararası Jeomorfoloji Sempozyumu 2017, Elazığ, Turkey, 12 - 14 October 2017, pp.649-650
- X. **Rainfall-Runoff Modelling of Keçidere Basin (NW Turkey) Using ArcSwat Model**
AKBAŞ A., ÖZDEMİR H.
International Symposium on GIS Applications in Geography and Geosciences, 18 - 20 October 2017, pp.291
- XI. **Deforestation and human impact around Lake Aktaş (Ardahan-Turkey) during the last 1000 years**
KARLIOĞLU KILIÇ N., CANER H., ERGİNAL A. E., ERSİN S., AKBAŞ A.
International Symposium on New Horizons in Forestry, 18 - 20 October 2017
- XII. **Clustering Analysis of Spatial Distribution of Karstic Depressions on Anamas Mountain Taurus Mountains Turkey**

ÖZTÜRK M. Z. , AKBAŞ A.

4th International Geography Symposium, 23 - 26 May 2016

XIII. **Palynological Analysis On Late Holocene Sediments Of Aktaş Lake**

KARLIOĞLU N., CANER H., ERGİNAL A. E. , KÜKRER S., AKBAŞ A., ERSİN S., ULUÇAY S.

VII. Quaternary Symposium of Turkey, 08 May 2018 - 11 May 2016

XIV. **Analysis of Projected Changes in Precipitation Regions of Turkey**

AKBAŞ A., TURP M. T. , ÖZTÜRK T., KURNAZ M. L.

European Geosciences Union General Assembly 2016, 17 - 22 April 2016

XV. **Investigation of the Drought Probabilities over Turkey in a Changing Climate**

TURP M. T. , AKBAŞ A., SAYGILI S., ÖZTÜRK T., KURNAZ M. L.

European Geosciences Union General Assembly 2016, 17 - 22 April 2016

XVI. **Sığ Göl Karotlarında Çok-değişkenli İstatistik Analizlerin Uygulanması: Sediment Taşınım Dinamikleri Konusunda Göstergeler (Çıldır Gölü Örneği)**

AKBAŞ A., ERGİNAL A. E. , KÜKRER S.

IV.Ulusal Jeomorfoloji Sempozyumu, Turkey, 15 - 17 October 2015

XVII. **Çıldır Gölü (Kuzeydoğu Anadolu) Geç Holosen İklim Kayıtları**

ERGİNAL A. E. , ÇAĞATAY N., KÜKRER S., AKBAŞ A., ACAR D., ÖZTÜRK M. Z. , ÇAKIR Ç.

IV.Ulusal Jeomorfoloji Sempozyumu 2015, Turkey, 15 - 17 October 2015

XVIII. **Aktaş Gölü Çoklu Belirteç Verilerine Göre Kuzeydoğu Anadolu'da Son Bin Yıldaki İklimsel Salınımlar: Orta Çağ Ilık Dönemi ve Küçük Buzul Çağı Çökel Kayıtları**

ERGİNAL A. E. , ÇAĞATAY N., KARLIOĞLU KILIÇ N., CANER H., KÜKRER S., AKBAŞ A., ACAR D., ÇAKIR Ç.

IV.Ulusal Jeomorfoloji Sempozyumu, Turkey, 15 - 17 October 2015

XIX. **Site Selection for Ski Resorts and Areas in the light of Climate Change: A GIS Application over the Turkish Mountain Terrain**

OSMAN CENK D., AKBAŞ A., ÖZTÜRK T., TURP M. T. , TÜRKEŞ M., KURNAZ M. L.

Association of American Geographers General Meeting, 19 - 25 April 2015

XX. **Analysis of Specific Drought Years on Turkey via Palmer Drought Severity Index**

AKBAŞ A., TATLI H.

6th Atmospheric Science Symposium, Turkey, 24 April - 26 June 2013

Supported Projects

2022 - Continues	Küresel yağış veri setlerinin Türkiye'deki yağış koşullarını açıklamadaki kapasitelerinin irdelenmesi, Project Supported by Higher Education Institutions
2021 - Continues	Marmara Denizi Kıyılarında Keşfedilen Sualtı Kalıntılarının Kronolojik Dağılımsal ve Coğrafi Araştırmaları, Project Supported by Higher Education Institutions
2019 - Continues	İnsansız Hava Araçları (İHA) Temelli Taşkın Tehlike Analizleri, Project Supported by Higher Education Institutions
2022 - 2024	Revealing the spatial and temporal dynamics of flood generating mechanisms and flood hazard, TUBITAK Project
2015 - 2017	Aktaş Gölü Dip Çökellerinin Kuzeydoğu Anadolu nun Geç Holosen İklimi Açısından İrdelenmesi, TUBITAK Project
2015 - 2016	Tortum Gölünün Paleoklimsel Proksiler Açısından İncelenmesi, Project Supported by Higher Education Institutions
2013 - 2015	Marmara Denizi Drenaj Havzasında Yağış Akım İlişkisinin Belirlenmesi, Project Supported by Higher Education Institutions

Scientific Refereeing

June 2022

JEOMORFOLOJİK ARAŞTIRMALAR DERGİSİ (ONLINE), National Scientific Refreed Journal

May 2022	THEORETICAL AND APPLIED CLIMATOLOGY, SCI Journal
November 2021	ARABIAN JOURNAL OF GEOSCIENCES, SCI Journal
October 2021	THEORETICAL AND APPLIED CLIMATOLOGY, SCI Journal
October 2021	JOURNAL OF GEOGRAPHY, Journal Indexed in ESCI
January 2021	ARABIAN JOURNAL OF GEOSCIENCES, SCI Journal
October 2020	THEORETICAL AND APPLIED CLIMATOLOGY, SCI Journal
October 2020	NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, SCI Journal
July 2020	JOURNAL OF GEOGRAPHY, Journal Indexed in ESCI
May 2020	TÜRK COĞRAFYA DERGİSİ, National Scientific Refreed Journal
November 2019	TÜRK COĞRAFYA DERGİSİ, National Scientific Refreed Journal
September 2019	TÜRK COĞRAFYA DERGİSİ, National Scientific Refreed Journal
June 2019	TÜRK COĞRAFYA DERGİSİ, National Scientific Refreed Journal
May 2018	JOURNAL OF GEOGRAPHY, Journal Indexed in ESCI
December 2017	TÜRK COĞRAFYA DERGİSİ, National Scientific Refreed Journal
July 2017	JOURNAL OF GEOGRAPHY, Journal Indexed in ESCI

Citations

- I. Total Citations (WOS): 4
- II. h-index (WOS): 1

Scholarships

2017 - 2018	TÜBİTAK 2214-A, TUBITAK
2016 - 2016	CERG-C (Certificat de spécialisation en évaluation et management des Risques Géologiques et risques liés au climat / Specialization certificate for the assessment and management of geological and climate related risk), University