

Prof. BERNA BURÇAK BAŞBUĞ ERKAN

Personal Information

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International Researcher IDs

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ScopusID: 55949887300

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Biography

25 years of international experience on disaster risk management, disaster risk reduction, disaster risk financing, insurance, resilience, disaster and development, policy development, emergency management, humanitarian crisis, statistical analysis.

Education Information

Doctorate, University of London-London School of Economics and Political Science, İstatistik, United Kingdom 2003 - 2007

Postgraduate, The University of Warwick, İstatistik, United Kingdom 2000 - 2002

Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, Turkey 1994 - 1999

Foreign Languages

Spanish, A1 Beginner

English, C2 Mastery

German, A1 Beginner

Russian, A1 Beginner

Certificates, Courses and Trainings

Other, JICA Urban Disaster Risk Reduction, Japan International Cooperation Agency, 2009

Dissertations

Doctorate, MODELING OF THE TURKISH CATASTROPHE INSURANCE POOL DATA BETWEEN 2000 AND 2003, University Of London-London School Of Economics And Political Science, İstatistik, 2007

Postgraduate, STATISTICAL ANALYSIS OF SIGNIFICANT EARTHQUAKES IN TURKEY DURING THE TWENTIETH CENTURY, The University Of Warwick, İstatistik, 2002

Research Areas

Political Science, Public Administration, Management Sciences, Actuarial Studies

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2023 - Continues

Associate Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2020 - 2023

Associate Professor, Coventry University, 2018 - 2020

Associate Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2015 - 2018

Assistant Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2010 - 2015

Lecturer PhD, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2008 - 2010

Research Assistant, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 1999 - 2008

Academic and Administrative Experience

Academic Partnerships Director, Institute of Civil Protection and Emergency Management, 2019 - Continues

Head of Department, Coventry University, 2018 - 2020

Director of the Center, Middle East Technical University, Presidency Office, Presidency Office, 2008 - 2018

Member of ADEK Commission, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2014 - 2016

Middle East Technical University, Institute of Applied Mathematics, Actuarial Science, 2008 - 2009

Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2005 - 2007

Courses

APPLICATIONS IN STATISTICS, Undergraduate, 2017 - 2018

APPLIED STATISTICS, Undergraduate, 2017 - 2018

PRINCIPLES OF DISASTER RISK MANAGEMENT AND RISK REDUCTION, Postgraduate, 2017 - 2018

Advising Theses

Başbuğ Erkan B. B., The impact of the 30th october earthquake on the COVID-19 pandemic in Izmir and its vicinity, Postgraduate, T.ARU(Student), 2022

Başbuğ Erkan B. B., Resilience into disaster risk management, Postgraduate, İ.ÖZBABA(Student), 2022

Başbuğ Erkan B. B., Comparative study of the Fire, Rescue and EMS Service between South Korea and England, Postgraduate, S.Lee(Student), 2020

Başbuğ Erkan B. B., mpact of Disaster Management Response Effectiveness over Disaster Risk Reduction, Resilience and Sustainable Development, Postgraduate, Y.Feng(Student), 2019

Başbuğ Erkan B. B., HOW IMPORTANT LOGISTICS ARE IN HUMANITARIAN ASSISTANCE OF THE LONG-TERM REFUGEE CRISIS MANAGEMENT, Postgraduate, K.Al(Student), 2019

Başbuğ Erkan B. B., Effective inefficiency: emergent systemic resilience through the flexibility & interaction of grass-roots voluntary humanitarian groups in crises, Postgraduate, D.Schillabeer(Student), 2019

Başbuğ Erkan B. B., Climate Change Impact: A Case Study of Hurricane Maria in Dominica, Postgraduate, K.Jeffrey(Student), 2019

Başbuğ Erkan B. B., Impact of Disaster Management Response Effectiveness over Disaster Risk Reduction, Resilience and Sustainable Development, Postgraduate, Y.Feng(Student), 2019

Başbuğ Erkan B. B., Effective inefficiency: emergent systemic resilience through the flexibility & interaction of grass-

roots voluntary humanitarian groups in crises, Postgraduate, D.Schillabeer(Student), 2019
Başbuğ Erkan B. B., Ersoy M., An evaluation of roles, coordination and cooperation of local governments in disaster risk management policy in Turkey, Postgraduate, İ.ÇALIŞKAN(Student), 2014
BAŞBUĞ ERKAN B. B., ŞENOL BALABAN M., The effect of disaster on development: Van and Bingöl case studies, Postgraduate, T.ALKAN(Student), 2014
Başbuğ Erkan B. B., Şenol Balaban M., The effect of disasters on development: Van and Bingol case studies, Postgraduate, T.Gül(Student), 2014
BAŞBUĞ ERKAN B. B., The Turkish catastrophe insurance pool claims modeling 2000-2008 data, Postgraduate, G.Saribekir(Student), 2013
BAŞBUĞ ERKAN B. B., The Turkish Catastrophe Insurance Pool Claims: Modeling 2000-2008 data, Postgraduate, G.SARİBEKİR(Student), 2013
Başbuğ Erkan B. B., Spatial Analysis of Chronic Obstructive Pulmonary Disease (COPD) and Lung Cancer on the Basis of Provinces in Turkey with regards to Actuarial Risk Assessment, Postgraduate, S.ÇİFTÇİ(Student), 2012
Başbuğ Erkan B. B., Risk analysis based on spatial analysis of chronic obstructive pulmonary disease (COPD) and lung cancer with respect to provinces in Turkey, Postgraduate, S.Çiftçi(Student), 2012

Jury Memberships

Doctoral Examination, Doctoral Examination, Hacettepe University, July, 2022
Doctoral Examination, Doctoral Examination, University of Plymouth, February, 2021

Designed Courses And Trainings

Başbuğ Erkan B. B., Özmen B., Doğal Afet Risk Yönetimi Sertifika Programı, September 2006

Designed Programs

Başbuğ Erkan B. B., Postgraduate, Actuarial Sciences, 2009 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Identifying Non-Adopter Consumer Segments: An Empirical Study on Earthquake Insurance Adoption in Turkey**
Adiguzel F., Kleijnen M., Erkan B. B., Yozgatligil C.
JOURNAL OF CONSUMER AFFAIRS, vol.53, no.2, pp.662-685, 2019 (SSCI)
- II. **Preferences for Earthquake Risk-Mitigation Mechanisms: Experimental Evidence**
CAVLAK Ö. D., ÖZDEMİR Ö., BAŞBUĞ ERKAN B. B.
NATURAL HAZARDS REVIEW, vol.19, no.3, 2018 (SCI-Expanded)
- III. **Risk, profit, or safety: Sociotechnical systems under stress**
Erkan B. B., Ertan G., Yea J., Comfort L. K.
SAFETY SCIENCE, vol.88, pp.199-210, 2016 (SCI-Expanded)
- IV. **From healer state to protector state A critical evaluation of painful struggles in legal and administrative undertakings in disaster management of Turkey from 1509 to 2010**
ÖZDEN A. T., BAŞBUĞ ERKAN B. B.
ASIAN LAW IN DISASTERS: TOWARD A HUMAN-CENTERED RECOVERY, pp.71-96, 2016 (SSCI)
- V. **Successes and failures of compulsory risk mitigation: re-evaluating the Turkish Catastrophe Insurance Pool**
BAŞBUĞ ERKAN B. B., Yılmaz Ö.

DISASTERS, vol.39, no.4, pp.782-794, 2015 (SSCI)

- VI. **From Emergency Response to Recovery: Multiple Impacts and Lessons Learned from the 2011 Van Earthquakes**
BAŞBUĞ ERKAN B. B., KARANCI A. N., Kalaycioglu S., Ozden A. T., Caliskan I., Ozaksehir G.
EARTHQUAKE SPECTRA, vol.31, no.1, pp.527-540, 2015 (SCI-Expanded)
- VII. **Risk analysis based on spatial analysis of chronic obstructive pulmonary disease (COPD) with respect to provinces in Turkey**
Ciftci S., Duzgun S., BAŞBUĞ ERKAN B. B.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.259, pp.413-424, 2014 (SCI-Expanded)
- VIII. **THE RELATIONSHIP BETWEEN NONSPECIFIC INFLAMMATION MARKERS AND COMPUTERIZED TOMOGRAPHY IMAGING IN NON-TRAUMATIC ACUTE ABDOMEN**
Kozaci N., Ay M. O., Cetinkunar S., Soker G., BAŞBUĞ ERKAN B. B., Celikdemir A., Acehan S., Gulen M., Satar S.
ACTA MEDICA MEDITERRANEA, vol.30, no.2, pp.447-452, 2014 (SCI-Expanded)
- IX. **Probabilistic earthquake hazard assessment for Ankara and its environs**
Ozmen B., BAŞBUĞ ERKAN B. B.
TURKISH JOURNAL OF EARTH SCIENCES, vol.23, no.4, pp.462-474, 2014 (SCI-Expanded)
- X. **Personality, posttraumatic stress and trauma type: factors contributing to posttraumatic growth and its domains in a Turkish community sample**
KARANCI A. N., İŞIKLI S., AKER A. T., Gul E. I., BAŞBUĞ ERKAN B. B., Ozkol H., YAVUZ GÜZEL H.
EUROPEAN JOURNAL OF PSYCHOTRAUMATOLOGY, vol.3, 2012 (SCI-Expanded)
- XI. **Patterns in the Turkish reinsurance claim data, 1998-2002: An application of the extreme value theory**
Basbug B. B., Wynn H. P.
NATURAL HAZARDS, vol.39, no.2, pp.329-342, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **PROTECT**
BAŞBUĞ ERKAN B. B., EKMEKÇİ P. E., Murray V., Crawley F., Zhang L.
DATA SCIENCE JOURNAL, 2024 (Scopus)
- II. **The 'PROTECT' Essential Elements in Managing Crisis Data Policies**
Zhang L., Ekmekci P. E., Murray V., BAŞBUĞ ERKAN B. B., Crawley F. P., Li X., Li Y.
Data Science Journal, vol.23, no.1, 2024 (Scopus)
- III. **Learning from stress: Transforming trauma into sustainable risk reduction**
BAŞBUĞ ERKAN B. B., ÇELİK S., Comfort L.
Journal of Design for Resilience in Architecture and Planning, vol.4, pp.25-38, 2023 (Peer-Reviewed Journal)
- IV. **The need for data policy in times of crisis: An IDPC CODATA report following a scientific workshop held on 22 October 2022 in Leiden, The Netherlands**
Başbuğ Erkan B. B., Crawley F., Murray V.
DATA SCIENCE JOURNAL, vol.22, no.43, pp.1-6, 2023 (Scopus)
- V. **Türkiye: Rubble of corruption fuels earthquake devastation**
BAŞBUĞ ERKAN B. B.
Crisis Response Journal, 2023 (Peer-Reviewed Journal)
- VI. **Earthquake in Turkey exposes gap between seismic knowledge and action – but it is possible to prepare**
Comfort L., BAŞBUĞ ERKAN B. B., GÜLKAN H. P.
The Conversation, 2023 (Peer-Reviewed Journal)
- VII. **Living at-risk in a multi-hazard country**
BAŞBUĞ ERKAN B. B.
Crisis Response Journal, vol.16, no.2, 2021 (Peer-Reviewed Journal)

- VIII. **Afet Risklerinin Azaltılmasında Sivil İnsiyatiflerin Rolü: TRI DRR Örneği**
KUZUCUOĞLU A. H., BAŞBUĞ ERKAN B. B.
Afet ve Risk Dergisi, vol.3, no.2, pp.101-124, 2020 (Peer-Reviewed Journal)
- IX. **Üniversite Öğrencilerinin Kütüphanelerle İlgili Yönelimleri Ve Korumaya İlişkin Tutumları: Afyon Kocatepe Üniversitesi İslami İlimler Fakültesi Örneği**
KUZUCUOĞLU A. H., SOLMAZ U., BAŞBUĞ ERKAN B. B., DAMAR A.
Uluslararası Hakemli İletişim ve Edebiyat Araştırmaları Dergisi, vol.1, no.21, pp.19-35, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Disaster Risk Management and Climate Change Impact Actions in Türkiye**
BAŞBUĞ ERKAN B. B.
in: Disaster and Climate Risk Education, Shaw Rajib, Yildiz Ayse, Editor, Springer, pp.267-274, 2024
- II. **Recovery, Rehabilitation, and Reconstruction**
BAŞBUĞ ERKAN B. B., celik s., ÖZGÜR H.
in: DISASTER AND CRISIS MANAGEMENT, , Editor, Anadolu Üniversitesi, pp.104-133, 2024
- III. **CLIMATE CHANGE AND DISASTER MANAGEMENT STRATEGIES**
Başbuğ Erkan B. B.
in: Climate Crisis Research within the Framework of Disaster Preparedness, Afsin Ahmet Kaya, Editor, Livre.net , Lyon, pp.185-194, 2023
- IV. **Disaster Risk Management**
Başbuğ Erkan B. B.
in: A Companion to Modern Turkey's Centennial Political, Sociological, Economic and Institutional Transformations since 1923, Ozerdem Alparslan,Ozturk Ahmet Erdi, Editor, Edinburgh University Press , Edinburgh, pp.1-18, 2023
- V. **Afetin Ekonomisi**
BAŞBUĞ ERKAN B. B.
in: Afet Yönetimi ve Politikaları, , Editor, Ekin Basım Yayın Dağıtım, pp.261-270, 2023
- VI. **Türkiye'nin Afet Yönetimi: Sosyal, Siyasal ve Yönetim Boyutuyla**
Başbuğ Erkan B. B.
Palme Yayın Dağıtım, Ankara, 2018
- VII. **Afet Ekonomisi ve Sigorta**
BAŞBUĞ ERKAN B. B.
in: Türkiye'xxnin Afet Yönetimi: Sosyal, Siyasal ve Yönetim Boyutuyla, Şengün Hayriye, Tercan Binali, Meydan Yıldız Seçil Gül, Editor, Palme Yayınevi, pp.247-256, 2018
- VIII. **Dünyadan Afet Yönetimi Sistemi Örnekleri**
Başbuğ Erkan B. B.
Anadolu Yayınları, Eskişehir, 2017
- IX. **Afetlerle Kalkınma**
Başbuğ Erkan B. B., Özden A. T.
Efil Yayınevi, Ankara, 2016
- X. **Asian Law in DisastersToward a Human Centered Recovery**
Başbuğ Erkan B. B., Özden A. T.
Routledge, London/New York , London, 2016
- XI. **Güvenli Yaşamak Afetlerden Korunmayı Öğreniyoruz Aile Afete Hazırlık El Kitabı**
BAŞBUĞ ERKAN B. B., KARANCI A. N., Tezgider G., Kalaycioglu S.
ODTÜ, Afet Yönetim Uygulama ve Araştırma Merkezi, Ankara, 2013
- XII. **Türkiye de travmatik yaşam olayları ve ruhsal etkileri**
KARANCI A. N., AKER A. T., GÜL E., BAŞBUĞ ERKAN B. B., Isıklı S.
Matus Basimevi, 2012

- XIII. **Afet Terimleri,Afet Risk Azaltımı, Afet Ekonomisi**
BAŞBUĞ ERKAN B. B.
in: Okul Tabanlı Afet Eğitimi Projesi Öğretmen El Kitabı, , Editor, MEB, pp.319-331, 2012
- XIV. **Disaster Management Global Challenges and Local Solutions**
Başbuğ Erkan B. B.
CRC, New York , Chennai, 2009
- XV. **Afet Risk Yönetimi Risk Azaltma ve Yerel Yönetimler**
Başbuğ Erkan B. B.
WorldBank, Washington (DC), USA , İstanbul, 2007

Refereed Congress / Symposium Publications in Proceedings

- I. **Communication and Coordination in Response Operations: The Kahramanmaras Earthquakes, 6 February 2023**
ÇELİK S., BAŞBUĞ ERKAN B. B., Comfort L.
18th World Conference on Earthquake Engineering, Milan, Italy, 30 June - 05 July 2024
- II. **How to bridge the gap between policy makers, the “coalface” and data scientists**
BAŞBUĞ ERKAN B. B.
RDA 22nd Plenary Meeting, England, 14 - 23 May 2024
- III. **Disaster Risk Governance and Data: Türkiye**
BAŞBUĞ ERKAN B. B.
Global Dialogue Hollings Center, İstanbul, Turkey, 3 - 06 March 2024
- IV. **Preparing for future disasters**
BAŞBUĞ ERKAN B. B.
“Disaster to Resilience: Learnings from Türkiye’s Recent Earthquakes”, Japan, 06 February 2024
- V. **Data Policy for Open Science in Times of Crisis - Developing Guidance, a Checklist, and a Factsheet as Contributions to the UNESCO Open Science Toolkit**
BAŞBUĞ ERKAN B. B., Murray V., Crawley F., EKMEKÇİ P. E., Hudson S.
United Kingdom Alliance for Disaster Research - Annual Conference 2023, Huddersfield, England, 18 - 19 December 2023
- VI. **Türkiye Afet Bilgi Bankası**
BAŞBUĞ ERKAN B. B.
On Yılın Ardından Ulusal Deprem Araştırma Programı UDAP Çalıştayı, Ankara, Turkey, 23 November 2023, vol.1, pp.250
- VII. **Data Policy in Times of Crisis facilitated by Open Science - Developing Guidance, a Checklist, and a Factsheet as Contributions to the UNESCO Open Science Toolkit**
BAŞBUĞ ERKAN B. B., Murray V., Crawley F.
UK Health Security Agency Conference 2023, Leeds, England, 15 - 16 November 2023
- VIII. **Closing the Gap between Knowledge and Action in the Kahramanmaras, Türkiye Earthquakes: A Seismic Gamble**
BAŞBUĞ ERKAN B. B., Comfort L., ÇELİK S.
2023 Annual Research Conference Association of Public Policy and Management, United States Of America, 9 - 11 November 2023
- IX. **Earthquakes in Turkey and Syria**
BAŞBUĞ ERKAN B. B.
International Data Week 2023, Salzburg, Austria, 23 - 26 October 2023
- X. **Why data integrity matters in science and in science policy?**
BAŞBUĞ ERKAN B. B.
International Data Week 2023, Salzburg, Austria, 23 - 26 October 2023
- XI. **Why we need data policy for crisis situations facilitated by open science The earthquakes in Turkey**

and Syria

BAŞBUĞ ERKAN B. B.

International Data Week 2023, Salzburg, Austria, 23 - 26 October 2023

- XII. **'Guidance on Data Policy and Open Science in Times of Crisis'**
Başbuğ Erkan B. B.
International Data Week, Salzburg, Austria, 23 - 26 October 2023
- XIII. **6 Şubat Kahramanmaraş Depremleri Bağlamında Afetler ve Sağlık Hakkı**
BAŞBUĞ ERKAN B. B.
X. Sağlık Hukuku Kurultayı Ankara Barosu, Ankara, Turkey, 20 - 21 October 2023
- XIV. **Afetlerden Öğrenilenler: Dayanıklı Marmara'nın Yol Haritası**
BAŞBUĞ ERKAN B. B.
Marmara Urban Forum (MARUF), 05 October 2023
- XV. **Afet Yönetiminde Sivil İnsiyatiflerin Rolü**
BAŞBUĞ ERKAN B. B.
Deprem Gerçeği Özelinde Sosyolojik ve Psikolojik Açından Afetlere Hazırbulunuşluk Kastamonu Üniversitesi, Kastamonu, Turkey, 2 - 05 October 2023
- XVI. **Case Study: How we can understand the role of data and AI policy in Big Data during the earthquakes in Turkey and Syria: A case study**
BAŞBUĞ ERKAN B. B.
The 3rd International Forum on Big Data for Sustainable Development Goals (FBAS 2023), Beijing, China, 07 September 2023
- XVII. **Why and Why Not? Research needs in the aftermath of earthquakes in Türkiye and Northern Syria.**
Başbuğ Erkan B. B.
Centre for Natural Hazards and Disaster Science., Uppsala, Sweden, 06 September 2023
- XVIII. **Why and Why not? P**
BAŞBUĞ ERKAN B. B.
CNDS Research Webinar: The 2023 Kahramanmaraş earthquakes: Perspectives and Research Needs, Sweden, 06 September 2023
- XIX. **Communication and Coordination in Response Operations: The Kahramanmaraş Earthquakes, 6 February 2023.**
BAŞBUĞ ERKAN B. B., Comfort L., ÇELİK S.
Lightning Talk, Researchers' Meeting, Natural Hazards Center, Boulder, CO, United States Of America, 13 - 14 July 2023
- XX. **Learnings on the need for data policy from the 2023 earthquakes in Turkey and Syria**
BAŞBUĞ ERKAN B. B.
UNITED NATIONS World Data Forum, Satellite Event, Data policy for addressing data dilemmas in crisis situations, Macau, China, 25 April 2023
- XXI. **6 February 2023, East Anatolia Earthquake**
BAŞBUĞ ERKAN B. B.
Symposium 'Towards a FAIRer World' organised by UNESCO, ISC, CODATA, and WDS, Paris, France, 29 March 2023
- XXII. **2023 Kahramanmaras Earthquakes**
BAŞBUĞ ERKAN B. B.
Social Science Extreme Events Virtual Forum, 22 March 2023
- XXIII. **Mapping the communication and coordination networks of the Kahmananmaraş Earthquakes of February 6, 2023.**
BAŞBUĞ ERKAN B. B., Comfort L., ÇELİK S.
EERI Annual Conference. Special Session on 2023 Turkey/Syria Earthquake Sequence., United States Of America, 19 March 2023
- XXIV. **İklim Değişikliği ve Afetler**
BAŞBUĞ ERKAN B. B.

- Ekoiklim Zirvesi, Ankara, Turkey, 30 - 31 March 2022
- XXV. **2020 Giresun-Turkey Flood Field Observations**
Başbuğ Erkan B. B.
Annual General Conference ICPEM, London, England, 26 October 2021
- XXVI. **Earthquakes in Turkey: Reconnaissance for 2011 Van and 2020 Izmir**
Başbuğ Erkan B. B.
Tools and Methods for Post-Disaster Reconnaissance Missions, London, England, 20 October 2021
- XXVII. **What role can communities play in supporting local resilience to climate emergencies**
BAŞBUĞ ERKAN B. B.
Manchester Festival of Climate Action, Manchester, United Kingdom, 14 October 2021
- XXVIII. **Disaster-Related Statistics**
BAŞBUĞ ERKAN B. B.
Expert Forum for Producers and Users of Disaster-related Statistics, 07 June 2021
- XXIX. **Land Mine Management and Disaster Risk, Resilience**
BAŞBUĞ ERKAN B. B.
The Anti-personal Landmine Epidemic and Virtual Exhibition of humanitarian disaster caused by anti-personal landmines, Birmingham, United Kingdom, 12 May 2021
- XXX. **AFET YÖNETİMİ, DAYANIKLILIK VE SÜRDÜRÜLEBİLİR KALKINMA ARASINDAKİ İLİŞKİ**
BAŞBUĞ ERKAN B. B.
3. Uluslararası Şehir, Çevre ve Sağlık Kongresi, Ankara, Turkey, 16 April 2021
- XXXI. **19th year: the Turkish Catastrophe Insurance Pool**
Başbuğ Erkan B. B.
Royal Geographical Society, London, United Kingdom, 27 - 30 August 2019
- XXXII. **Afetlerde Özel Gereksinimli Bireyler**
BAŞBUĞ ERKAN B. B.
International Disaster and Resilience Congress, Eskişehir, Turkey, 26 - 28 June 2019
- XXXIII. **Turkish Disaster Data Bank (TABB)**
BAŞBUĞ ERKAN B. B., HASGÜL E.
7th International Conference on Seismology & Earthquake Engineering, Iran, 18 May 2015
- XXXIV. **Afetlerin Finansal Yönetimi ve DASK**
BAŞBUĞ ERKAN B. B.
Diyarbakır ve Çevresinin Doğal Afetleri Çalıştayı, Diyarbakır, Turkey, 29 - 30 April 2015
- XXXV. **Field Observations on Soma Turkey Mine Fire May 13 2014**
BAŞBUĞ ERKAN B. B.
RISK VS. RESILIENCE IN EXTREME EVENTS, 13 February 2015
- XXXVI. **METU Disaster Management Centre**
BAŞBUĞ ERKAN B. B.
Global Academic Network for DisasterReduction/Reconstruction, Kobe, Japan, 5 - 09 February 2015
- XXXVII. **13 Mayıs 2014 Soma Maden Kazası Saha İzlenimleri**
BAŞBUĞ ERKAN B. B., ERTAN YENİGÜN G.
Türkiye'nin Afet Risk Yönetimi 17. Yuvarlak Masa Toplantısı, Ankara, Turkey, 15 January 2015
- XXXVIII. **An Experimental Investigation of Earthquake Risk Mitigation Alternatives The Case of Turkey**
ÖZDEMİR Ö., DİNÇ CAVLAK Ö., BAŞBUĞ ERKAN B. B.
23rd SRA-E (Society of Risk Analysis-Europe, İstanbul, Turkey, 16 - 18 June 2014
- XXXIX. **Turkish Disaster Data Bank**
BAŞBUĞ ERKAN B. B., HASGÜL E.
2013 International Van Earthquake Symposium, 23 - 27 October 2013
- XL. **Scientific and Technical Background of Turkey in the Field of Disaster Preparedness**
BAŞBUĞ ERKAN B. B.
Learning of Disaster Risk Reduction, Hyogo TurkeyEarthquake Preparedness Seminar, Kobe, Japan, 13 October 2013

XLI. How does the Turkish Catastrophe Insurance Pool Data Behave as Extremes

BAŞBUĞ ERKAN B. B.

International Conference on Applied and Computational Mathematics, Ankara, Turkey, 3 - 06 October 2012

XLII. Spatial Analysis of Chronic Obstructive Pulmonary Disease COPD on the Basis of Provinces in Turkey with regards to Actuarial Risk Assessment

ÇİFTÇİ S., DÜZGÜN H. Ş., BAŞBUĞ ERKAN B. B.

International Conference on Applied and Computational Mathematics, Ankara, Turkey, 3 - 06 October 2012

Other Publications

I. Earthquakes, Disaster Management Education & Protecting Communities: Interview with Dr. Burçak Başbuğ Erkan

Başbuğ Erkan B. B.

Other, pp.1-5, 2020

Supported Projects

Başbuğ Erkan B. B., World Bank Supported Project, Disaster Risk Financing in Türkiye, 2023 - 2024

Başbuğ Erkan B. B., Other International Funding Programs, Mapping communication, coordination networks in response to Kahramanmaraş Earthquakes, February 6, 2023, 2023 - 2023

Başbuğ Erkan B. B., World Bank Supported Project, Turkey Pandemic Preparedness Project Assessment, 2021 - 2022

ÖZDEMİR YILDIRIM Ö., BAŞBUĞ ERKAN B. B., Project Supported by Higher Education Institutions, KOBİ'LERİN

AFETLERE KARŞI HAZIRLIKLI OLMALARINI ETKİLEYEN FAKTÖRLERİN İNCELENMESİ: BİR ANKET ÇALIŞMASI, 2013 - 2022

Başbuğ Erkan B. B., Project Supported by Public Organizations in Other Countries, Urban Disaster Hub, 2019 - 2021

Başbuğ Erkan B. B., TICA-JICA Cooperation Program Supported Project, Third Country Training Program on Disaster Management and Building Resilient Communities, 2018 - 2018

BAŞBUĞ ERKAN B. B., Project Supported by Other Private Institutions, Doğal Afet Sigortaları Kurumu, 2017 - 2017

Başbuğ Erkan B. B., TICA-JICA Cooperation Program Supported Project, Third Country training Program on Disaster Risk Management and building Disaster Resilient Communities, 2017 - 2017

BAŞBUĞ ERKAN B. B., HASGÜL E., Other International Funding Programs, Third Country Training Program for Disaster Risk Management and Building Resilient Communities, 2017 - 2017

BAŞBUĞ ERKAN B. B., HASGÜL E., Project Supported by Higher Education Institutions, Afet ve Acil Durumlara Hazır

ODTÜ Kampusü Proje Serisi: İktisadi İdari Bilimler Fakültesi, 2017 - 2017

Başbuğ Erkan B. B., United Nations Development Program - UNDP Supported Project, Independent Evaluation Project of UNICEF s Response to the Syria Refugee Crisis in Turkey 2012 2015, 2015 - 2015

BAŞBUĞ ERKAN B. B., HASGÜL E., Project Supported by Higher Education Institutions, ODTÜ Yurtları'nın Afet ve Acil Durumlara Hazırlanması, 2015 - 2015

Başbuğ Erkan B. B., Project Supported by Higher Education Institutions, ODTÜ Yurtlarının Afet ve Acil Durumlara Hazırlanması Projesi, 2015 - 2015

Başbuğ Erkan B. B., Other International Funding Programs, Amerika Birleşik Devletleri NFS NATIONAL SCIENCE FOUNDATION projesi, 2014 - 2015

Başbuğ Erkan B. B., Özdemir Yıldırım Ö., Project Supported by Higher Education Institutions, KOBİlerin Afetlere Karşı Hazırlıklı Olmalarını Etkileyen Faktörlerin İncelenmesi Bir Anket Alışması, 2014 - 2015

BAŞBUĞ ERKAN B. B., HASGÜL E., Project Supported by Higher Education Institutions, Afet ve Acil Durumlara Hazır ODTÜ Kampusü, 2014 - 2014

BAŞBUĞ ERKAN B. B., TUBİTAK Project, AFET VE ACİL DURUM BAŞKANLIĞI PROJESİ, 2012 - 2014

Başbuğ Erkan B. B., Özmen B., Project Supported by Other Official Institutions, Afyonkarahisar İl Sağlık Müdürlüğü afet ve acil durum eğitimi, 2013 - 2013

Başbuğ Erkan B. B., Özmen B., Development Agency, BURSA IL AFAD PERSONELI EGITIMI BURSA ESKISEHIR BILECIK BEBKA KALKINMA AJANSI DESTEĞI ILE, 2012 - 2012

BAŞBUĞ ERKAN B. B., Project Supported by Higher Education Institutions, Afet Riski Yönetiminde Risk Azaltıcı Mekanizmaların Karşılaştırılması: Piyasada Mevcut Sigortalar Ve Bireysel Önlemler., 2012 - 2012

BAŞBUĞ ERKAN B. B., Project Supported by Higher Education Institutions, Türkiye'de Bireylerin Doğal Afet Sigortası Ve Genel Sigorta Talebi Ve Satın Alma Eğilimlerini Etkileyen Faktörler, 2010 - 2010

Contractual Researches

BAŞBUĞ ERKAN B. B., AFAD, 2015 - 2015

BAŞBUĞ ERKAN B. B., AFAD, 2015 - 2015

BAŞBUĞ ERKAN B. B., AFAD UZMAN YARDIMCILIĞI SINAVI PROJESİ, 2014 - 2014

BAŞBUĞ ERKAN B. B., TURKIYE AFET BILGI BANKASI (TABB), 2012 - 2014

BAŞBUĞ ERKAN B. B., ZAFER KALKINMA AJANSI, 2013 - 2013

BAŞBUĞ ERKAN B. B., BEBKA KALKINMA AJANSI PROJE, 2013 - 2013

BAŞBUĞ ERKAN B. B., AFET VE ACIL DURUM BAŞKANLIĞI PROJESİ, 2013 - 2013

BAŞBUĞ ERKAN B. B., AFET VE ACIL DURUM YONETIMI BASKANLIGI (AFAD) UZMAN YARDIMCISI SINAV SORUSU HAZIRLAMA, 2012 - 2012

BAŞBUĞ ERKAN B. B., BURSA IL AFAD PERSONELI EGITIMI-BURSA ESKISEHIR BILECIK (BEBKA) KALKINMA AJANSI DESTEĞI ILE, 2012 - 2012

BAŞBUĞ ERKAN B. B., DÜNYA BANKASI PROJESİ, 2009 - 2010

Activities in Scientific Journals

Journal of Disaster Prevention and Resilience, Editor, 2021 - Continues

ALERT, Publication Committee Member, 2021 - Continues

DISASTERS, Publication Committee Member, 2020 - Continues

Türk Deprem Araştırma Dergisi, Publication Committee Member, 2019 - Continues

Afet ve Risk Dergisi, Publication Committee Member, 2018 - Continues

Resilience , Publication Committee Member, 2017 - Continues

Bilge International Journal of Science and Technology Research, Evaluation Committee Member, 2017 - Continues

IBAD JOURNAL OF SOCIAL SCIENCES, Evaluation Committee Member, 2016 - Continues

Hacettepe Journal of Mathematics and Statistics, Publication Committee Member, 2015 - Continues

Memberships / Tasks in Scientific Organizations

International Data Policy Committee, Co-chairman, 2024 - Continues, France

Research Data Alliance, Member, 2023 - Continues, Belgium

International Data Policy Committee of CODATA, Member, 2022 - Continues, France

Senior Fellow of the Higher Education Academy, Associate Member, 2019 - Continues, England

Scientific Refereeing

Continuity & Resilience Review, Other Indexed Journal, October 2022

NATURAL HAZARDS, SCI Journal, June 2022

Journal of emerging economies and policy (Online), National Scientific Refreed Journal, June 2022

Economics of Disasters and Climate Change, Other journals, June 2022

NATURAL HAZARDS, SCI Journal, April 2022

DISASTERS, Journal Indexed in SSCI, October 2021

DISASTERS, Journal Indexed in SSCI, April 2021

DISASTERS, Journal Indexed in SSCI, January 2020

AFET VE RİSK DERGİSİ, National Scientific Refreed Journal, January 2019

Türk Deprem Araştırma Dergisi, National Scientific Refreed Journal, January 2019

JOURNAL OF HOMELAND SECURITY AND EMERGENCY MANAGEMENT, Journal Indexed in SSCI, January 2019

EARTHQUAKE SPECTRA, SCI Journal, January 2018

SAFETY SCIENCE, SCI Journal, January 2018

Tasks In Event Organizations

Başbuğ Erkan B. B., CODATA International Data Policy Committee Workshop The need for data policy in times of crisis, Workshop Organization, Belgium, Ekim 2022

Başbuğ Erkan B. B., Türkiye'nin Afet Risk Yönetimi 20. Yuvarlak Masa Toplantısı, Workshop Organization, Ankara, Turkey, Mart 2018

Başbuğ Erkan B. B., Türkiye'nin Afet Risk Yönetimi 19. Yuvarlak Masa Toplantısı, Workshop Organization, Ankara, Turkey, Mart 2017

Başbuğ Erkan B. B., Türkiye'nin Afet Risk Yönetimi 18. Yuvarlak Masa Toplantısı, Workshop Organization, Ankara, Turkey, Mart 2016

Başbuğ Erkan B. B., Türkiye'nin Afet Risk Yönetimi 17. Yuvarlak Masa Toplantısı, Workshop Organization, Ankara, Turkey, Ocak 2015

Başbuğ Erkan B. B., Türkiye'nin Afet Risk Yönetimi 16. Yuvarlak Masa Toplantısı, Workshop Organization, Ankara, Turkey, Ocak 2014

Başbuğ Erkan B. B., Türkiye'nin Afet Risk Yönetimi 15. Yuvarlak Masa Toplantısı, Workshop Organization, Ankara, Turkey, Ocak 2013

Başbuğ Erkan B. B., Türkiye'nin Afet Risk Yönetimi 14. Yuvarlak Masa Toplantısı, Workshop Organization, Ankara, Turkey, Ocak 2012

Başbuğ Erkan B. B., Türkiye'nin Afet Risk Yönetimi 13. Yuvarlak Masa Toplantısı, Workshop Organization, Turkey, Ocak 2011

Başbuğ Erkan B. B., Türkiye'nin Afet Risk Yönetimi 12. Yuvarlak Masa Toplantısı, Workshop Organization, Ankara, Turkey, Ocak 2010

Başbuğ Erkan B. B., Türkiye'nin Afet Risk Yönetimi 11. Yuvarlak Masa Toplantısı, Workshop Organization, Turkey, Ocak 2009

Başbuğ Erkan B. B., Türkiye'nin Afet Risk Yönetimi 10. Yuvarlak Masa Toplantısı, Workshop Organization, Ankara, Turkey, Ocak 2008

Başbuğ Erkan B. B., Gülkan H. P., Karancı A. N., Türkiye'nin Afet Risk Yönetimi 9. Yuvarlak Masa Toplantısı, Workshop Organization, Ankara, Turkey, Ocak 2007

Mobility Activity

Erasmus Programme, Seminar, Otto-von-Guericke-Universitaet Magdeburg, Germany, 2006 - 2006

Metrics

Publication: 78

Citation (WoS): 84

Citation (Scopus): 106

H-Index (WoS): 5

H-Index (Scopus): 5

Invited Talks

DISASTER MANAGEMENT & RECOVERY: CREATING COOPERATIVE OPPORTUNITIES, Workshop, Hollings Center, Turkey, March 2024

X. Sağlık Hukuku Kurultayı, Conference, Ankara Barosu, Turkey, October 2023

UNU World Data Forum 'Data policy for addressing data dilemmas in crisis situations', Conference, United Nations University, China, April 2023

'Towards a FAIRer World' , Conference, UNESCO, France, March 2023

ODI Think Change podcast <https://odi.org/en/insights/think-change-episode-19-t%C3%BCrkiye-syria-earthquakes-lessons-learnt-and-what-next/>, Workshop, Overseas Development Institute, England, February 2023

Climate Change Adaptation and Disaster Risk Management, Conference, ECOclimate Summit, Turkey, March 2022

The Need for Reconnaissance Missions, Workshop, University College London, England, November 2021

ICPEM Annual Conference 2021 / Turkey Giresun Flood 2020, Conference, Institute of Civil Protection and Emergency Management, England, October 2021

What role can communities play in supporting local resilience to climate emergencies, Workshop, University of Manchester, England, October 2021

Expert Forum for Producers and Users of Disaster-related Statistic, Workshop, United Nations Economic Commission for Europe, Switzerland, June 2021

Land Mine Management and DRR, Development and Resilience, Seminar, Global Institute for Water, Environment and Health and Hopeman Consultants, England, May 2021

3rd International City, Environment and Health Congress, Conference, Çevre ve Şehircilik Bakanlığı, Turkey, April 2021

Invited Panelist at the the Global Academic Network for Disaster Reduction/Reconstruction (GAND) Symposium, Conference, Kobe University, Japan, February 2015

World Reconstruction Conference 2 (WRC2), Conference, World Bank, United States Of America, September 2014

Scholarships

Yurtdışı Araştırma Bursu, TÜBİTAK, 2015 - 2015

Doktora Bursu, YOK, 2000 - 2014

Araştırma Bursu, YOK, 2012 - 2012

Awards

Başbuğ Erkan B. B., 20 year Service Award, Middle East Technical University, June 2019

Başbuğ Erkan B. B., METU Best Performance Award, Middle East Technical University, January 2015

Başbuğ Erkan B. B., METU Best Performance Award, Middle East Technical University, January 2011

Başbuğ Erkan B. B., JICA Training Scholar on Urban Disaster Risk Reduction, Japan International Cooperation Agency, September 2009

Visual Activities

Başbuğ Erkan B. B., Think Change episode 19: Türkiye-Syria earthquakes – lessons learnt and what next?, Radio Program, 2023 - Continues

Representation and Promotion Activities

Institutional Representation, Hyogo University, Japan, Kobe, 2015 - 2015

Non Academic Experience

Dünya Bankası

Institute for Civil Protection and Emergency Management

UME GRADUATE SCHOOL, IUSS, PAVIA-İTALYA

UME GRADUATE SCHOOL, IUSS, PAVIA-İTALYA

ANKARA KALKINMA AJANSI

DÜNYA BANKASI

TÜBİTAK

University of Plymouth

Coventry Üniversitesi

Coventry Üniversitesi

Coventry Üniversitesi

UNICEF

UNIVERSITY OF PITTSBURGH AFET YÖNETİM MERKEZİ, AMERİKA BİRLEŞİK DEVLETLERİ

TÜRKİYE BÜYÜK MİLLET MECLİSİ BAŞKANLIĞI

UNIVERSITY OF PITTSBURGH AFET YÖNETİM MERKEZİ, AMERİKA BİRLEŞİK DEVLETLERİ

JAPONYA ULUSLARARASI İŞBİRLİĞİ AJANSI (JICA)