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Eğitim Bilgileri

Doktora, Karadeniz Teknik Üniversitesi, Mühendislik Fakültesi, Jeofizik Mühendisliği, Türkiye 2014 - 2021

Yüksek Lisans, Karadeniz Teknik Üniversitesi, Mühendislik Fakültesi, Jeofizik Mühendisliği, Türkiye 2011 - 2014

Lisans, Karadeniz Teknik Üniversitesi, Mühendislik Fakültesi, Jeofizik Mühendisliği, Türkiye 2006 - 2010

Yaptığı Tezler

Doktora, KUZAY ANADOLU FAY ZONU (KAFZ) VE DOĞU ANADOLU FAY ZONU (DAFZ) İÇİN BAYES YÖNTEMİ İLE FARKLI DAĞILIM YÖNTEMLERİ BİRLEŞTİRİLEREK DEPREM TAHMİN VE TEHLİKE ANALİZLERİ , Karadeniz Teknik Üniversitesi, Mühendislik Fakültesi, Jeofizik Mühendisliği, 2021

Yüksek Lisans, BATI ANADOLU BÖLGESİ VE CİVARI İÇİN DEPREM TEHLİKE PARAMETRELERİN BAYES YAKLAŞIMI YÖNTEMİ İLE DEĞERLENDİRİLMESİ , Karadeniz Teknik Üniversitesi, Mühendislik Fakültesi, Jeofizik Mühendisliği, 2014

Araştırma Alanları

Jeofizik Mühendisliği, Sismoloji, Deprem Sismolojisi, Bilgisayar Bilimleri, Algoritmalar, Matematik, Olasılık Kuramı, Stokastik Süreçler, Sayısal Analiz, Sistem Kuramı:Kontrol, İstatistik, İstatistik Analiz ve Uygulamaları, Temel Bilimler, Mühendislik ve Teknoloji

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Evaluating of the earthquake hazard parameters with Bayesian method for the different seismic source regions of the North Anatolian Fault Zone**
Bayrak Y., TÜRKER T.
NATURAL HAZARDS, cilt.85, sa.1, ss.379-401, 2017 (SCI-Expanded)
- A Quantitative Appraisal of Earthquake Hazard Parameters Evaluated from Bayesian Approach for Different Regions in Iranian Plateau**
Mohammadi H., TÜRKER T., Bayrak Y.
PURE AND APPLIED GEOPHYSICS, cilt.173, sa.6, ss.1971-1991, 2016 (SCI-Expanded)
- The Determination of Earthquake Hazard Parameters Deduced from Bayesian Approach for**

Different Seismic Source Regions of Western Anatolia

Bayrak Y., TÜRKER T.

PURE AND APPLIED GEOPHYSICS, cilt.173, sa.1, ss.205-220, 2016 (SCI-Expanded)

IV. Earthquake hazard analysis for East Anatolian Fault Zone, Turkey

BAYRAK E., YILMAZ Ş., Softa M., TÜRKER T., Bayrak Y.

NATURAL HAZARDS, cilt.76, sa.2, ss.1063-1077, 2015 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Assessment of Earthquake Hazard Parameters with Bayesian Approach Method Around Karliova Triple Junction, Eastern Turkey**
TÜRKER T., BAYRAK Y.
IOP Conference Series: Earth and Environmental Science, cilt.95, 2017 (Hakemli Dergi)
- II. **Spatial Variation of Seismic B-Values of the Empirical Law of the Magnitude-Frequency Distribution from a Bayesian Approach Based On Spline (B-Spline) Function in the North Anatolian Fault Zone, North of Turkey**
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- III. **A POISSON METHOD APPLICATION TO THE ASSESSMENT OF THE EARTHQUAKE HAZARD IN THE NORTH ANATOLIAN FAULT ZONE, TURKEY**
Türker T.
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- IV. **An Evaluation of Earthquake Hazard Parameters in and around Ağrı Eastern Anatolia Turkey**
BAYRAK Y., BAYRAK E., YILMAZ Ş., TÜRKER T.
Eastern Anatolian Journal of Science, cilt.1, sa.1, ss.1-9, 2015 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Spatial and Temporal Variations of Gutenberg-Richter b-Values Using Classic Method of Moment (CMM) and Seismicity in and Around Van Lake**
TÜRKER T., BAYRAK Y.
3rd International Symposium on Natural Hazards and Disaster Management (ISHAD2019), Van, Türkiye, 25 - 26 Ekim 2019, ss.1-8
- II. **BAYESIAN PROBABILITIES OF EARTHQUAKE OCCURRENCES IN THE EAST ANATOLIAN AND SURROUNDINGS (EASTERN TURKEY)**
TÜRKER T., BAYRAK Y.
New Trends in Geophysics and Engineering (International Sempozyum) 2018 7-9 November 2018, İstanbul, Turkey, İstanbul, Türkiye, 7 - 09 Kasım 2018, ss.166-169
- III. **Preliminary Estimates Part 1: Statistical Analysis of Earthquake Catalogue with the Geographic Information Systems (Cbs) in the Aegean Sea and Surrounding, Western Turkey**
TÜRKER T., BAYRAK Y.
INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE, Kastamonu, Türkiye, 26 - 29 Nisan 2018, ss.362-369
- IV. **Final Estimates Part 2: Probability Models of Earthquake Occurrences using Kriging Method with the Geographic Information Systems (Cbs) in the Aegean Sea and Surrounding, Western Turkey**
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- V. **PRELIMINARY RESULTS PART 1: INVESTIGATING OF EARTHQUAKE OCCURRENCES WITH DIFFERENT DISTRIBUTION MODELS IN THE MARMARA SEA AND SURROUNDING, TURKEY**
TÜRKER T., BAYRAK Y.
ICES-2018 1st International Congress on New Horizons in Education and Social Sciences, İstanbul, Türkiye, 9 - 11 Nisan 2018, ss.14-23
- VI. **FINAL RESULTS PART 2: CREATING OF PREDICTION MODEL MAPS OF EARTHQUAKE OCCURRENCES WITH GEOGRAPHIC INFORMATION SYSTEMS (GIS) IN THE MARMARA SEA AND SURROUNDING, TURKEY**
TÜRKER T., BAYRAK Y.
ICES-2018 1st International Congress on New Horizons in Education and Social Sciences, İstanbul, Türkiye, 9 - 11 Nisan 2018, ss.24-32
- VII. **Creating of Probability Maps of Earthquake Occurrences Using Kriging Method With the Geographic Information Systems (GIS): Estimates for 3 Section of the NAFZ (Western, Central, Eastern)-Part**
TÜRKER T., BAYRAK Y.
International Conference on Advanced Technologies, Computer Engineering and Science (ICATCES'18), May 11-13, 2018 Safranbolu, Turkey, SAFRANBOLU, Türkiye, 11 - 13 Mayıs 2018, ss.547-549
- VIII. **Interpolation with Uncertain Spatial Covariances: Modeling to Probability Estimations of Earthquake Occurrences Using Kriging Method in the East Anatolian Fault Zone (Eastern Turkey)**
TÜRKER T., BAYRAK Y.
2ND International Symposium on Natural Hazards and Disaster Management 04-06 MAY 2018 (ISHAD2018 Sakarya Turkey), Sakarya, Türkiye, 4 - 06 Mayıs 2018, ss.187-194
- IX. **An Interpolation Applied with Barriers: Modeling to Predictions of Earthquake Occurrences Using Kernel Smoothing and Diffusion Kernel Methods in The Marmara Sea, Turkey**
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- X. **Evaluating of Earthquake Hazard Parameters (EHP) With Bayesian Approach Method in Sakarya and Surrounding, Turkey**
TÜRKER T., BAYRAK Y.
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- XI. **Spatial Variations of b-values of magnitude-frequency distribution from A Bayesian Approach Based on Spline Smooth (B-spline) function around Karlıova Triple Junction (Eastern Turkey)**
TÜRKER T., BAYRAK Y.
IV. INTERNATIONAL MULTIDISCIPLINARY CONGRESS OF EURASIA (IMCOFE), ROMA, İtalya, 23 - 25 Ağustos 2017
- XII. **Appraisal of Earthquake Hazard Parameters with Bayesian Method in and around Sea of Marmara, Northwest Turkey**
TÜRKER T., BAYRAK Y.
IV. INTERNATIONAL MULTIDISCIPLINARY CONGRESS OF EURASIA (IMCOFE), ROMA, İtalya, 23 - 25 Ağustos 2017
- XIII. **Bayesian Probabilities Of Earthquake Occurrences In And Around The Marmara Sea (Western Nafz), Turkey**
TÜRKER T., BAYRAK Y.
9th Congress of the Balkan Geophysical Society (bgs2017), Antalya, Turkey, Türkiye, 5 - 09 Kasım 2017
- XIV. **Identifying Of Earthquake Hazard Parameters With Bayesian Method For Cyprus, Southern Turkey**
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- XV. **Analysis of Spatial and Temporal Variation of Earthquake Hazard Parameters from A Bayesian Approach in and Araound the armara Sea**
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4. UDMSK, 11 - 13 Ekim 2017
- XVI. **Bayesian Probabilities of Earthquake Occurrences in the East Anatolian Fault Zone (Turkey)**

- TÜRKER T., BAYRAK Y., BAYRAK E.
4 th ICEES, Eskişehir, Türkiye, 11 - 13 Ekim 2017
- XVII. **Analysis of Spatial and Temporal variation of Earthquake Hazard Parameters from A Bayesian Approach in and around The Marmara Sea**
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- XVIII. **Bayesian Probabilities of Earthquake Occurrences In and Around The Marmara Sea (Western Nafz)**
TÜRKER T., BAYRAK Y.
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- XIX. **Spatial-Temporal Variation of b-values of magnitude-frequency Distribution from a Bayesian Approach Based on b-spline Smooth Functiond in and Around Ağrı, International Conference in Applied and Natural Sciences**
BAYRAK Y., TÜRKER T., BAYRAK E.
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- XX. **Regional Moment Tensor Analysis of Recent Ağrı Eleşkirt Earthquakes: Preliminary Results, International Conference in Applied and Natural Sciences**
BAYRAK Y., IRMAK T. S., LİVAOĞLU H., TÜRKER T.
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- XXI. **Analysis Earthquake Hazard Parameters Using Bayesian Metod in and Araound Lake Van, Eastern Anatolia, International Conference in Applied and Natural Sciences**
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- XXII. **Analysis of Earthquake Hazard Parameters Using Bayesian Method in and around Lake Van, Eastern Turkey**
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- XXIII. **Regional Moment Tensor Analysis of Recent Ağrı Eleşkirt Earthquakes: Preliminary Results**
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- XXIV. **Spatial-Temporal Variations of b-values of magnitude-frequency distribution from A Bayesian Approach Based on B-spline smooth function in and around Agri**
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- XXV. **Spatial Variation of Seismic B-Values of the Empirical Law of the Magnitude-Frequency Distribution from a Bayesian Approach Based On Spline (B-Spline) Function in the North Anatolian Fault Zone, North of Turkey**
TÜRKER T., BAYRAK Y.
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- XXVI. **Assessment of Earthquake Hazard Parameters with Bayesian Approach Method Around Karliova Triple Junction, Eastern Turkey**
TÜRKER T., Bayrak Y.
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- XXVII. **A POISSON MODEL EVALUATION OF EARTHQUAKE HAZARD PARAMETERS FOR THE EAST ANATOLIAN FAULT**
TÜRKER T., BAYRAK Y.
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- XXVIII. **A Front View of Seismicity According to Prediction Earthquake Hazard Parameters Using Different Statistic Models in the Western Anatolia WA West Turkey**
TÜRKER T., BAYRAK Y.
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- XXIX. **A FRONT VIEW OF SEISMICITY ACCORDING TO PREDICTION EARTHQUAKE HAZARD PARAMETERS USING DIFFERENT STATISTIC MODELS IN THE WESTERN ANATOLIAN WA WEST TURKEY**
TÜRKER T., BAYRAK Y.
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- XXX. **A Bayesian Model Application to Determining of Earthquake Hazard Parameters from Different Seismic Source Regions in and around Ağrı**
TÜRKER T., BAYRAK Y.
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- XXXI. **A Position Model Evaluation of Earthquake Hazard Parameters for the East Anatolian Fault**
TÜRKER T., BAYRAK Y.
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- XXXII. **A Poisson Method Application to the Assessment of the Earthquake Hazard in the North Anatolian Fault Zone, Turkey**
TÜRKER T., Bayrak Y.
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- XXXIII. **The Evaluation of the Earthquake Hazard Using the Exponential Distribution Method for Different Seismic Source Regions in and around Agri**
Bayrak Y., TÜRKER T.
International Conference on Advances in Natural and Applied Sciences (ICANAS), Antalya, Türkiye, 21 - 23 Nisan 2016, cilt.1726
- XXXIV. **ÜSTEL DAĞILIM YÖNTEMİ KULLANILARAK AĞRI VE ÇEVRESİNİN DEPREM TEHLİKESİNİN BELİRLENMESİ**
TÜRKER T., BAYRAK Y.
3. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı (3. TDMSK), İZMİR, TÜRKİYE, İzmir, Türkiye, 14 - 16 Ekim 2015, ss.1-6
- XXXV. **DOĞU ANADOLU BÖLGESİ VE CİVARININ POISSON YÖNTEMİ İLE DEPREM TEHLİKE TAHMİNİ**
TÜRKER T., BAYRAK Y.
3. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı (3. TDMSK), İZMİR, TÜRKİYE, İzmir, Türkiye, 14 - 16 Ekim 2015, ss.1-8
- XXXVI. **BAYES YÖNTEMİ İLE DOĞU ANADOLU VE CİVARININ DEPREM TEHLİKE ANALİZİ**
TÜRKER T., BAYRAK Y.
KTİF TEKTONİK ARAŞTIRMA GRUBU ÇALIŞTAYI (ATAG 19), Sakarya, Türkiye, 7 - 09 Ekim 2015, ss.25
- XXXVII. **THE EARTHQUAKE HAZARD ANALYSIS USING BAYESIAN METHOD OF THE NORTH ANATOLIA FAULT**
TÜRKER T., BAYRAK Y.
5 th International Earthquake Symposium, Kocaeli, Türkiye, 10 - 12 Haziran 2015, ss.366-367
- XXXVIII. **The earthquake hazard analysis using Bayesian Method of North Anatolian Fault**
TÜRKER T., BAYRAK Y.
5. International Earthquake symposium Kocaeli 2015, Türkiye, 10 - 12 Haziran 2015
- XXXIX. **BAYES YÖNTEMİ KULLANILARAK DOĞU ANADOLU FAYI NIN FARKLI SİSMİK KAYNAK BÖLGELERİ İÇİN DEPREM TEHLİKE PARAMETRELERİN BELİRLENMESİ**
TÜRKER T., BAYRAK Y.
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- XL. Bayes Yöntemi Kullanılarak Doğu Anadolu Fayı'nın Farklı Sismik Kaynak Bölgeleri İçin Deprem Tehlike Parametrelerin Belirlenmesi**
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- XLI. DETERMINATION OF EARTHQUAKE HAZARDS PARAMETERS FOR DIFFERENT SEISMIC SOURCE ZONES OF WESTERN ANATOLIA USING BAYESIAN METHOD**
TÜRKER T., BAYRAK Y.
International Burdur Earthquake & Environment Symposium (IBEES2015), Burdur, Türkiye, 7 - 09 Mayıs 2015, ss.20-30
- XLII. Determination of Earthquake Hazard parameters for different seismic source zones of western Anatolia Using Bayesian method**
TÜRKER T., BAYRAK Y.
International Burdur Earthquake & Environment Symposium (IBEES2015), Burdur, Türkiye, 7 - 09 Mayıs 2015
- XLIII. EN BÜYÜK OLASILIK YÖNTEMİ KULLANILARAK BATI ANADOLU NUN FARKLI BÖLGELERİNDE ALETSEL DÖNEM İÇİN DEPREM TEHLİKE ANALİZİ**
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Metrikler

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H-İndeks (Scopus): 4

Kongre ve Sempozyum Katılımı Faaliyetleri

IV: International Multidisciplinary Congress of Eurasia (IMCOFE), Moderatör, Rome, İtalya, 2017

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Ödüller

TÜRKER T., JEOFİZİK MÜHENDİSLİĞİ BÖLÜM BİRİNCİLİĞİ, KARADENİZ TEKNİK ÜNİVERSİTESİ, Haziran 2010