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Kişisel Bilgiler

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Yoksis Araştırmacı ID: 51710

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

TÜRKER T., BAYRAK Y.

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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.

Challenge Journal of Structural Mechanics, cilt.2, sa.2, ss.109-121, 2016 (Hakemli Dergi)

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

TÜRKER T., BAYRAK Y.

INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE (ICELIS, Kastamonu, Türkiye, 26 - 29 Nisan 2018, ss.380-386

- 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**
TÜRKER T., BAYRAK Y.
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- X. **Evaluating of Earthquake Hazard Parameters (EHP) With Bayesian Approach Method in Sakarya and Surrounding, 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.278-285
- 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**
BAYRAK Y., TÜRKER T., BAYRAK E.
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.
BGS 2017, 5 - 09 Ekim 2017
- 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.
ICANAS 2017, 18 - 21 Nisan 2017
- 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**
TÜRKER T., BAYRAK Y., BAYRAK E.
ICANAS 2017, 18 - 21 Nisan 2017
- XXII. **Analysis of Earthquake Hazard Parameters Using Bayesian Method in and around Lake Van, Eastern Turkey**
TÜRKER T., BAYRAK Y., BAYRAK E.
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- XXIII. **Regional Moment Tensor Analysis of Recent Ağrı Eleşkirt Earthquakes: Preliminary Results**
BAYRAK Y., IRMAK T. S., LİVAOĞLU H., TÜRKER T.
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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**
BAYRAK Y., TÜRKER T., BAYRAK E.
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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.
3rd World Multidisciplinary Earth Sciences Symposium (WMESS), Prague, Çek Cumhuriyeti, 11 - 15 Eylül 2017, cilt.95
- 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.
INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCE (ICENS 2016), Sarajevo, Bosna-

Hersek, 24 - 28 Mayıs 2016, ss.1186-1191

- 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.
3. International conference on Computational and Experimental Science and Engineering (ICCESEN-2016), 19 - 24 Ekim 2016
- 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.
International Conference On Engineering and Applied Sciences (ICENS 2016), 24 - 28 Mayıs 2016
- XXXII. **A Poisson Method Application to the Assessment of the Earthquake Hazard in the North Anatolian Fault Zone, Turkey**
TÜRKER T., Bayrak Y.
International Conference on Advances in Natural and Applied Sciences (ICANAS), Antalya, Türkiye, 21 - 23 Nisan 2016, cilt.1726
- 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.
Genç Yerbilimciler Kongresi, İZMİR, TÜRKİYE, İzmir, Türkiye, 5 - 07 Haziran 2015, ss.152-153

- XL. Bayes Yöntemi Kullanılarak Doğu Anadolu Fayı'nın Farklı Sismik Kaynak Bölgeleri İçin Deprem Tehlike Parametrelerin Belirlenmesi**
TÜRKER T., BAYRAK Y.
Genç Yer Bilimciler Kongresi, 5-7 Haziran 2015, İzmir, Türkiye, 5 - 07 Haziran 2015
- 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**
BAYRAK E., YILMAZ Ş., TÜRKER T., SOFTA M., BAYRAK Y.
2. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı, Hatay, Türkiye, 10 - 13 Mayıs 2013, cilt.1, ss.1-7

Metrikler

Yayın: 51

Atıf (WoS): 44

Atıf (Scopus): 55

H-İndeks (WoS): 4

H-İndeks (Scopus): 4

Kongre ve Sempozyum Katılımı Faaliyetleri

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

9th Congress of the Balkan Geophysical Society (BGS 2017), Oturum Başkanı, Antalya, Türkiye, 2017

Ödüller

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