

Prof. NİLGÜN LÜTFİYE SAYIL

Personal Information

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Education Information

Doctorate, Istanbul University, Institute Of Graduate Studies In Sciences, Jeofizik Mühendisliği Anabilimdalı, Turkey 1994 - 1998

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği Anabilimdalı, Turkey 1989 - 1992

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Jeofizik Mühendisliği Bölümü, Turkey 1985 - 1989

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Karadeniz ve Civarında Kabuk ve Üst Manto Yapısının İncelenmesi, Istanbul University, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği\Sismoloji, 1998

Postgraduate, Rayleigh Dalgası Dispersiyon Verileriyle Doğu Anadolu ve Civarında Yer kabuğu ve Üst Manto Yapısının İncelenmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği Bölümü\Sismoloji , 1992

Research Areas

Geophysical Engineering, Seismology, Earthquake Seismology, Applied Geophysics, Search Seismology, Ground Physics, Engineering and Technology

Academic Titles / Tasks

Professor, Karadeniz Technical University, Mühendislik Fakültesi, Jeofizik Mühendisliği, 2014 - Continues

Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, Jeofizik Mühendisliği, 2009 - 2014

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Jeofizik Mühendisliği, 2001 - 2009

Research Assistant PhD, Karadeniz Technical University, Mühendislik Fakültesi, Jeofizik Mühendisliği, 1998 - 2001

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Jeofizik Mühendisliği, 1992 - 1998

Academic and Administrative Experience

Head of Department, Karadeniz Technical University, Mühendislik Fakültesi, Jeofizik Mühendisliği, 2021 - Continues

Karadeniz Technical University, Mühendislik Fakültesi, Jeofizik Mühendisliği, 2015 - 2018
Karadeniz Technical University, Mühendislik Fakültesi, Jeofizik Mühendisliği, 2014 - 2017
Karadeniz Technical University, Mühendislik Fakültesi, Jeofizik Mühendisliği Bölümü, 2012 - 2015

Jury Memberships

Appointment Academic Staff, Profesörlük ataması, Dokuz Eylül Üniversitesi, November, 2017
Appointment Academic Staff, Yardımcı Doçent kadrosuna atama jürisi, KTU Engineering Faculty Department of Geophysics, March, 2017
Appointment Academic Staff, Yardımcı Doçent atama jürisi, KTU Engineering Faculty Department of Geophysics, January, 2017
Appointment Academic Staff, Profesör kadrosuna atama jürisi, KTU Engineering Faculty Department of Geophysics, November, 2016
Associate Professor Exam, Doçentlik Sınav Jürisi, İU Engineering Faculty Department of Geophysics, April, 2016
Post Graduate, Yüksek lisans tez sınavı jüri üyeliği, Kocaeli Üniversitesi, January, 2015
Post Graduate, Yüksek lisans tez sınavı jüri üyeliği, Kocaeli Üniversitesi, January, 2015
Post Graduate, Yüksek lisans tez sınavı jüri üyeliği, KTU Engineering Faculty Department of Geophysics, June, 2013
Academic Staff Examination, Araştırma Görevlisi sınav Jürisi, KTU Engineering Faculty Department of Geophysics, August, 2012
Post Graduate, Yüksek lisans tez sınavı jüri üyeliği, KTU Engineering Faculty Department of Geophysics, June, 2011
Post Graduate, Yüksek lisans tez sınavı jüri üyeliği, KTU Engineering Faculty Department of Geophysics, October, 2010
Post Graduate, Yüksek lisans tez sınavı jüri üyeliği, Kocaeli Üniversitesi, October, 2009
Post Graduate, Yüksek lisans tez sınavı jüri üyeliği, KTU Engineering Faculty Department of Geophysics, September, 2008
Doctorate, Doktora tez sınavı jüri üyeliği, KTU Engineering Faculty Department of Geophysics, June, 2006
Post Graduate, Yüksek lisans tez sınavı jüri üyeliği, KTU Engineering Faculty Department of Geophysics, April, 2006
Post Graduate, Yüksek lisans tez sınavı jüri üyeliği, KTU Engineering Faculty Department of Geophysics, July, 2004
Post Graduate, Yüksek lisans tez sınavı jüri üyeliği, KTU Engineering Faculty Department of Geophysics, April, 2004

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

- I. **Estimation of site dynamic characteristics using ambient noise measurements in KTU campus, Trabzon, NE Turkey**
Beker Usta Y., Sayil N. L.
Arabian Journal Of Geosciences, vol.15, no.125, pp.1-15, 2022 (Journal Indexed in SCI Expanded)
- II. **Time-dependent model for earthquake occurrence and effects of design spectra on structural performance: a case study from the North Anatolian Fault Zone, Turkey**
Isik E., Ekinci Y. L. , Sayil N. L. , Büyüksaraç A., Aydın M. C.
TURKISH JOURNAL OF EARTH SCIENCES, vol.30, no.2, pp.215-234, 2021 (Journal Indexed in SCI)
- III. **Conditional Probabilities of Hellenic Arc Earthquakes Based on Different Distribution Models**
ÇOBAN K. H. , Sayil N. L.
PURE AND APPLIED GEOPHYSICS, vol.177, no.11, pp.5133-5145, 2020 (Journal Indexed in SCI)
- IV. **Different probabilistic models for earthquake occurrences along the North and East Anatolian fault zones**
Çoban K. H. , Sayil N. L.
ARABIAN JOURNAL OF GEOSCIENCES, vol.13, no.18, 2020 (Journal Indexed in SCI)
- V. **Evaluation of earthquake recurrences with different distribution models in western Anatolia**
Çoban K. H. , Sayil N.
JOURNAL OF SEISMOLOGY, vol.23, no.6, pp.1405-1422, 2019 (Journal Indexed in SCI)
- VI. **Shallow geophysical techniques to investigate the groundwater table at the Great Pyramids of Giza,**

Egypt

Sharafeldin S. M. , Essa K. S. , Youssef M. A. S. , Karşlı H., Diab Z. E. , Sayil N.

GEOSCIENTIFIC INSTRUMENTATION METHODS AND DATA SYSTEMS, vol.8, no.1, pp.29-43, 2019 (Journal Indexed in SCI)

- VII. **Site characterization using surface wave methods in the Arsin-Trabzon province, NE Turkey**
AKIN Ö., Sayil N. L.
ENVIRONMENTAL EARTH SCIENCES, vol.75, no.1, 2016 (Journal Indexed in SCI)
- VIII. **Evaluation of the seismicity for the Marmara region with statistical approaches**
Sayil N.
ACTA GEODAETICA ET GEOPHYSICA, vol.49, no.3, pp.265-281, 2014 (Journal Indexed in SCI)
- IX. **Long-term earthquake prediction in the Marmara region based on the regional time- and magnitude-predictable model**
Sayil N. L.
ACTA GEOPHYSICA, vol.61, no.2, pp.338-356, 2013 (Journal Indexed in SCI)
- X. **Long-term earthquake prediction in western Anatolia with the time- and magnitude-predictable model**
Sayil N. L.
NATURAL HAZARDS, vol.66, no.2, pp.809-834, 2013 (Journal Indexed in SCI)
- XI. **An investigation of seismicity for western Anatolia**
Sayil N. L. , Osmansahin I.
NATURAL HAZARDS, vol.44, no.1, pp.51-64, 2008 (Journal Indexed in SCI)
- XII. **An application of the time- and magnitude-predictable model to long-term earthquake prediction in eastern Anatolia**
Sayil N. L.
JOURNAL OF SEISMOLOGY, vol.9, no.3, pp.367-379, 2005 (Journal Indexed in SCI)
- XIII. **Investigation of crust and upper-mantle structure in the Black Sea with group-velocity data**
Sayil N., Osmansahin I.
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.90, no.4, pp.870-875, 2000 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **24 Ocak 2020 Sivrice (Elazığ) Depreminin ğartlı Olasılığının Değerlendirilmesi**
Çoban K. H. , Sayil N. L.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.35, no.4, pp.1009-1019, 2020 (Refereed Journals of Other Institutions)
- II. **APPLICABILITY OF TIME-DEPENDENT SEISMICITY MODEL FOR EARTHQUAKE OCCURRENCE ALONG THE NORTH ANATOLIAN FAULT ZONE**
SAYIL N. L.
ANADOLU UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY –A Applied Sciences and Engineering, vol.20, no.3, pp.238-251, 2019 (National Refreed University Journal)
- III. **A New Strong-Ground Motion Attenuation Relationship for the Middle Part of North Anatolian Fault Zone (NAFZ)**
Gençoğlu A., Sayil N. L.
Turkish Journal of Earthquake Research, vol.1, no.1, pp.1-14, 2019 (Refereed Journals of Other Institutions)
- IV. **Kuzey Anadolu Fay Zonu'nun (KAFZ) Orta Kesimi İçin Yeni Bir Kuvvetli Yer Hareketi Azalım İlişkisi**
Gençoğlu A., SAYIL N. L.
Turkish Journal of Earthquake Research, vol.1, no.1, pp.1-14, 2019 (Other Refereed National Journals)
- V. **Investigation of the seismicity of East Anatolian fault zone (EAFZ) according to Poisson and Exponential distribution models**
ÇOBAN K. H. , SAYIL N. L.

- Düzce University Journal of Science Technology, vol.6, no.2, pp.491-500, 2018 (Other Refereed National Journals)
- VI. **Application of discrimination filter based on the polarization to the surface wave records**
SAYIL N. L.
Open Access Library Journal, vol.1, pp.1-15, 2014 (Refereed Journals of Other Institutions)
- VII. **Determination of the Crust and Upper-Mantle Structure in Anatolia by Surface Wave Data**
Sayıl N. L.
Natural Science, vol.6, no.12, pp.968-977, 2014 (Refereed Journals of Other Institutions)
- VIII. **A modified surface wave particle motion discrimination process**
KUTLU Y. A. , SAYIL N. L.
INTERNATIONAL JOURNAL OF PHYSICAL SCIENCES, vol.8, no.10, pp.395-405, 2013 (Refereed Journals of Other Institutions)
- IX. **An Investigation of Seismicity for the Aegean and Mediterranean Regions**
SAYIL N. L.
International Journal of Geology, vol.2, no.3, pp.44-47, 2009 (Refereed Journals of Other Institutions)
- X. **DOĞU ANADOLU'NUN DEPREMSELLİĞİNİN İNCELENMESİ**
Sayıl N. L. , Osmañahin İ.
Deprem Sempozyumu Kocaeli 2003, vol.12, no.10, pp.1-10, 2003 (National Conference Book)
- XI. **Near field travel-time solutions for Anatolia**
Osmañahin İ. , SAYIL N. L.
J.Balkan Geophys. Soc., vol.4, no.1, pp.3-8, 2001 (Refereed Journals of Other Institutions)
- XII. **Pn wave Velocity Beneath Anatolia from the First Arrivals**
OSMANSAHIN İ. , SAYIL N. L.
Bulletin of International Institute of Seismology and Earthquake Engineering, vol.30, pp.77-85, 1996 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Deprem Bilimi**
BÜYÜKSARAÇ A., SAYIL N. L. , BEKTAŞ Ö., AKIN Ö.
Gazi, Ankara, 2018
- II. **Yapı ve Zemin Periyodunun Belirlenmesi ve Rezonans Durumu**
SAYIL N. L. , UTKU M., Pınar R., Varan S., ÖZYALIN Ş., ÖZÇEP F., KAYA M. A. , KADIOĞLU S., PENPECİOĞLU M., ÖZİÇER S., et al.
in: Prof.Dr.Rahmi PINAR Kentleşme ve Yapı İncelemeleri Çalıştayı Kitabı, Yrd.Doç.Dr.Emre TİMUR, Jeofizik Yük.Müh.Sinancan ÖZİÇER, Editor, TMMOB Jeofizik Mühendisleri Odası Eğitim Yayınları, Ankara, pp.114-120, 2017
- III. **Zemin Araştırmalarında Mikrotremorların Kullanımı ve Arazi Uygulaması**
SAYIL N. L.
JFMO Eğitim Yayınları, Ankara, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Applicability of Slip-Predictable Model for Earthquake Occurrence Along NAFZ**
SAYIL N. L.
VI. International Earthquake Symposium Kocaeli 2019, Kocaeli, Turkey, 25 - 27 September 2019, pp.841-845
- II. **Comparison of The Attenuation Relationship Developed to Turkey**
Gençoğlu A., SAYIL N. L.
VI. International Earthquake Symposium Kocaeli 2019, Kocaeli, Turkey, 25 - 27 September 2019, pp.809-812
- III. **A New Attenuation Relationship for The Part of Anatolia Containing NAFZ**
Gençoğlu A., SAYIL N. L.

- VI. International Earthquake Symposium Kocaeli 2019, Kocaeli, Turkey, 25 - 28 September 2019, pp.805-808
- IV. **Investigation of Seismicity of Central Aegean Region Using Exponential Distribution Model**
Akn F. G. , SAYIL N. L. , AKIN Ö.
VI. International Earthquake Symposium Kocaeli 2019, Kocaeli, Turkey, 25 - 28 September 2019, pp.885-888
- V. **Assessment of Seismic Hazard by Different Statistical Methods: The Case of East Marmara Region**
ÇOBAN K. H. , SAYIL N. L.
VI. International Earthquake Symposium Kocaeli 2019, Kocaeli, Turkey, 25 - 28 September 2019, pp.813-816
- VI. **Investigation of Site-Structure Resonance with Different Single Station Microtremor Analysis Methods in KTU Campus**
Beker Y., SAYIL N. L.
VI. International Earthquake Symposium Kocaeli 2019, Kocaeli, Turkey, 25 - 28 September 2019, pp.829-834
- VII. **Comparison of Response and Fourier Spectral Ratios In evaluating the Site Predominant Periods**
Gençoğlu A., SAYIL N. L.
VI. International Earthquake Symposium Kocaeli 2019, Kocaeli, Turkey, 25 - 28 September 2019, pp.800-804
- VIII. **Applicability of the HVSR Technique Based On Microtremor Measurements, Gümüşhane Province, Ne Turkey**
BEKER Y., SAYIL N. L.
VI. International Earthquake Symposium Kocaeli 2019, Kocaeli, Turkey, 25 - 28 September 2019, pp.835-840
- IX. **Investigation of Seismicity of Southwest Anatolia by Using Poisson and Exponential Distribution Models**
Akn F. G. , SAYIL N. L. , AKIN Ö.
VI. International Earthquake Symposium Kocaeli 2019, Kocaeli, Turkey, 25 - 28 September 2019, pp.817-820
- X. **Comparison of Site H/V Spectral Ratio and Predominant Frequency by Using Microtremor and Earthquake Data**
ÇOBAN K. H. , SAYIL N. L.
Near Surface Geoscience Conference & Exhibition 2019, The Hague, Netherlands, 8 - 12 September 2019, pp.1-4
- XI. **Definition of the crust structure of Anatolia by surface wave data**
SAYIL N. L.
New Trend in Geophysics and Engineering 2018 Conference (NTGE2018), İstanbul, Turkey, 7 - 09 November 2018, pp.146-149
- XII. **Study on the Applicability of the ambient noise HVSR method in Bağlarbaşı (Gümüşhane), NE Turkey**
BEKER Y., SAYIL N. L.
New Trend in Geophysics and Engineering 2018 Conference (NTGE2018), İstanbul, Turkey, 7 - 09 November 2018, pp.87-90
- XIII. **Analysis of Soil-Structure and Resonance Effects of Gümüşhane University Campus Area in Turkey with HVSR and FSR Methods**
BEKER Y., SAYIL N. L.
New Trend in Geophysics and Engineering 2018 Conference (NTGE2018), İstanbul, Turkey, 7 - 09 November 2018, pp.83-86
- XIV. **Applicability of time-dependent seismicity model for earthquake occurrence along the North Anatolian Fault Zone**
SAYIL N. L.
New Trend in Geophysics and Engineering 2018 Conference (NTGE2018), İstanbul, Turkey, 7 - 09 November 2018, pp.142-145
- XV. **Application of Slip Predictable Model to Earthquake in Anatolia**
SAYIL N. L.
New Trend in Geophysics and Engineering 2018 Conference (NTGE2018), İstanbul, Turkey, 7 - 09 November 2018, pp.150-153
- XVI. **Investigation of vulnerability index by single station microtremor method: a case study of KTU campus**
BEKER Y., SAYIL N. L. , AKIN Ö., ÇOBAN K. H.

- New Trend in Geophysics and Engineering 2018 Conference (NTGE2018), İstanbul, Turkey, 7 - 09 November 2018, pp.79-82
- XVII. AVAILABILITY OF ARTIFICIAL NEURAL NETWORK (ANN) IN STRONG GROUND MOTION PREDICTION**
ÇOBAN K. H. , SAYIL N. L.
New Trend in Geophysics and Engineering 2018 Conference (NTGE2018), İstanbul, Turkey, 7 - 09 November 2018, pp.114-117
- XVIII. Availability of Artificial Neural Network (Ann) in Strong Ground Motion Prediction.**
ÇOBAN K. H. , SAYIL N. L.
NTGE 2018 Istanbul, İstanbul, Turkey, 7 November - 09 October 2018, pp.1
- XIX. Investigation of Vulnerability Index by Single Station Microtremor Method: A Case of KTU Campus**
BEKER Y., SAYIL N. L. , AKIN Ö., ÇOBAN K. H.
New Trends in Geophysics and Engineering 2018, İstanbul, Turkey, 7 - 09 November 2018, pp.79-82
- XX. Determination of Earthquake Location with Particle Swarm Optimization**
ÇOBAN K. H. , SAYIL N. L.
The European Seismological Commission 36th General Assembly, Valletta, Malta, 2 - 07 September 2018
- XXI. Determination of the Earthquake Location with Particle Swarm Optimization**
ÇOBAN K. H. , SAYIL N. L.
The 36th General Assembly of the European Seismological Commission ESC 2018, Valetta, Malta, 2 - 07 September 2018, pp.1
- XXII. The Investigation of the VAN Region Seismicity**
ÇOBAN K. H. , SAYIL N. L.
ICELIS 2018, Kastamonu, Turkey, 26 - 29 April 2018, pp.1
- XXIII. Estimation of the Peak Ground Acceleration with Artificial Neural Network (ANN) trained by Turkey strong-motion database**
ÇOBAN K. H. , SAYIL N. L.
European Geosciences Union General Assembly (EGU) 2018, Vienna, Austria, 8 - 13 April 2018, pp.1
- XXIV. Evaluation of Earthquake Storm in Çanakkale (Gülpınar - Ayvacık) by Magnitude - Frequency Relations,**
ÇOBAN K. H. , SAYIL N. L.
4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, Eskişehir, Turkey, 11 - 13 October 2017
- XXV. Assessment Of Seismic Crosshole Tomography And Testing Surveys In Site Characterization Of High-Rise Building Along Shore Line**
SHARAFELDIN S., FECHNER T., SAYIL N. L. , KARSLI H.
9th Congress of the Balkan Geophysical Society, Antalya, Turkey, 5 - 09 November 2017
- XXVI. Seismicity for the Eastern Black Sea region with statistical approaches**
SAYIL N. L. , ÇOBAN K. H. , AKIN Ö.
9th Congress of the Balkan Geophysical Society, Antalya, Turkey, 5 - 09 November 2017, pp.1-5
- XXVII. Determination of Samsun province earthquake risk according to probabilistic and deterministic approaches**
SAYIL N. L. , ÇOBAN K. H. , AKIN Ö.
9th Congress of the Balkan Geophysical Society, Antalya, Turkey, 5 - 09 November 2017, pp.1-5
- XXVIII. Geophysical Investigation of Ground Water Hazards in Giza Pyramids and Sphinx Using Electrical Resistivity Tomography and Ground Penetrating Radar: A Case Study**
Mahmoud S., Essa K., SAYIL N. L. , Youssef M., Diab Z., KARSLI H.
9th Congress of the Balkan Geophysical Society, Antalya, Turkey, 5 - 09 November 2017, pp.1-5
- XXIX. Determination of the dynamic characteristics of the faculty building of Engineering and Natural Science with HVSR method and FSR method**
BEKER Y., SAYIL N. L.
9th Congress of the Balkan Geophysical Society, Antalya, Turkey, 5 - 09 November 2017, pp.1-5
- XXX. Assessment of Seismic Crosshole Tomography and Testing Surveys in Site Characterization of High-rise Building along Shore Line**

Mahmoud S., Fechner T., SAYIL N. L. , KARSLI H.

9th Congress of the Balkan Geophysical Society, Antalya, Turkey, 5 - 09 November 2017, pp.1-5

- XXXI. **Seismic for the Eastern Black Sea region with statistical approaches**
Sayil N. L. , Çoban K. H. , AKIN Ö.
9th Congress of the Balkan Geophysical Society, Antalya, Turkey, 5 - 09 November 2017, pp.5
- XXXII. **Modeling of Soil Parameters Obtained by Geophysical Methods Using GIS: A case Study in Trabzon**
ÇOBAN K. H. , AKIN Ö. , SAYIL N. L.
International Symposium on GIS Applications in Geography and Geosciences, Çanakkale, Turkey, 18 - 21 October 2017, pp.1-5
- XXXIII. **Determination of Fault Types by GIS Applications according to Earthquake Depths**
ÇOBAN K. H. , SAYIL N. L.
International Symposium on GIS Applications in Geography and Geosciences, Çanakkale, Turkey, 18 - 21 October 2017, pp.1-5
- XXXIV. **Evaluation of Earthquake Swarm in Çanakkale (Gülpınar - Ayvacık) by Magnitude - Frequency Relations**
ÇOBAN K. H. , SAYIL N. L.
4 UDMSK, Eskişehir, Turkey, 11 - 13 October 2017, pp.1-4
- XXXV. **A MATLAB Interface Application for Spectral Ratio by Reference Station and Damping Ratio**
ÇOBAN K. H. , SAYIL N. L.
4. International Earthquake Engineering and Seismology Congress, Eskişehir, Turkey, 11 - 13 October 2017, pp.1-5
- XXXVI. **A Survey of Seismicity for Western Anatolia by Using Poisson Model**
AKIN Ö. , BAYINDIR G. , SAYIL N. L.
4. International Earthquake Engineering and Seismology Congress, Eskişehir, Turkey, 11 - 13 October 2017, pp.1-5
- XXXVII. **Investigation of the seismicity of East Anatolian fault zone (EAFZ) according to Poisson and Exponential distribution models**
ÇOBAN K. H. , SAYIL N. L.
International Multidisciplinary Congress of Eurasia, IV.IMCOFE, Roma, Italy, 23 - 25 August 2017, pp.1-5
- XXXVIII. **Calculation of earthquake risk of Aegean region with different statistical approaches**
ÇOBAN K. H. , SAYIL N. L.
International Multidisciplinary Congress of Eurasia, IV.IMCOFE, Roma, Italy, 23 - 25 August 2017, pp.1-5
- XXXIX. **Determination of Site Characteristics with The Single-Station Microtremor Method at Bağlarbaşı District (Gumushane, Turkey)**
BEKER Y. , SAYIL N. L.
International Multidisciplinary Congress of Eurasia, IV.IMCOFE, Roma, Italy, 23 - 25 August 2017, pp.1-5
- XL. **Evaluation of Single Station Microtremor Method Data using Different Methods**
AKIN Ö. , Pamuk E. , Özdağ Ö. C. , SAYIL N. L. , Akgün M.
International Multidisciplinary Congress of Eurasia, IV.IMCOFE, Roma, Italy, 23 - 25 August 2017, pp.1-5
- XLI. **The Calculation of Earthquake Magnitude Probability Near Van Lake**
ÇOBAN K. H. , SAYIL N. L.
3rd International Conference on Computational and Experimental Science and Engineering (ICCESEN 2016), 19 - 24 October 2016
- XLII. **The Statistical Earthquake Probability in Marmara Region**
ÇOBAN K. H. , SAYIL N. L.
3rd International Conference on Computational and Experimental Science and Engineering (ICCESEN 2016), 19 - 24 October 2016
- XLIII. **"The Statistical Earthquake Probability in Marmara Region"**
ÇOBAN K. H. , SAYIL N. L.
3rd International Conference on Computational And Experimental Science and Engineering (ICCESEN-2016), Antalya, Turkey, 19 - 24 October 2016, pp.355
- XLIV. **"The Calculation of Earthquake Magnitude Probability near Van Lake"**
ÇOBAN K. H. , SAYIL N. L.

3rd International Conference on Computational And Experimental Science and Engineering (ICCESEN-2016),
Antalya, Turkey, 19 - 24 October 2016, pp.362

- XLV. **Determination of Site Characteristics with Standart Spectral Ratio SSR Method in Akcakale Gumushane Province NE Turkey**
BEKER Y., SAYIL N. L.
International Conference on Engineering and Natural Science, 24 - 28 May 2016
- XLVI. **Estimation of Earthquake Occurrence by Using Markov Chain Approach in Turkey**
ÇOBAN K. H. , SAYIL N. L.
International Conference on Engineering and Natural Science, 24 - 28 May 2016
- XLVII. **A Gui Interface for Estimation of the Earthquake Risk Based on Poisson Model**
ÇOBAN K. H. , SAYIL N. L.
International Conference on Advances in Science ICAS 2016, 31 August - 02 September 2016
- XLVIII. **Usefulness of Slip Predictable Model for Earthquake Occurrence in Turkey**
SAYIL N. L. , ÇOBAN K. H.
International Conference on Engineering and Natural Science, 24 - 28 May 2016
- XLIX. **Determination of the Ground building Relationships in the KTU Campus Area with Microtremor Measurements**
BEKER Y., SAYIL N. L. , AKIN Ö., ÇOBAN K. H.
22nd European Meeting of Environmental and Engineering Geophysics, 4 - 08 September 2016
- L. **Determination of the Ground-Building Relationships in The KTU Campus Area With Microtremor Measurements**
BEKER Y., SAYIL N. L. , AKIN Ö., ÇOBAN K. H.
22nd European Meeting of Environmental and Engineering Geophysics, Barcelona, Spain, 4 - 08 September 2016, pp.8
- LI. **Determination of the Dynamic Characteristics of the Faculty Building of Law at KTU Campus with HVSR and FSR Methods**
BEKER Y., ÇOBAN K. H. , SAYIL N. L.
22nd European Meeting of Environmental and Engineering Geophysics.Near Surface Geoscience (EAGE) 2016, Barcelona, Spain, 4 - 08 September 2016, pp.1
- LII. **Evaluation of KTU Farabi Hospital Building Strength Comparing of the Ground by Using Single Station Microtremor Method**
AKIN Ö., SAYIL N. L.
22nd European Meeting of Environmental and Engineering Geophysics, Barcelona, Spain, 4 - 08 September 2016, pp.5
- LIII. **Usefulness of Slip Predictable Model for Earthquake Occurrence in Turkey**
SAYIL N. L. , ÇOBAN K. H.
ICENS 2016, Bosnia And Herzegovina, 24 - 28 May 2016
- LIV. **Estimation of the Earthquake Magnitude Transition Probability in Marmara Region with Semi-Markov Model**
ÇOBAN K. H. , SAYIL N. L.
7 th International Geosciences Student Conference (7th IGSC), Kataowice, Poland, 11 July - 14 October 2016, pp.33-37
- LV. **Time Predictable Model Applicability for Earthquake Prediction along the North Anatolian Fault Zone**
SAYIL N. L. , Beker Y.
ICENS, Saraybosna, Bosnia And Herzegovina, 24 - 28 May 2016, pp.2998-3001
- LVI. **Determination of Earthquake Probability by Using Statistical Methods in Turkey**
ÇOBAN K. H. , SAYIL N. L.
International Conference on Engineering and Natural Science (ICENS), Sarajevo, Bosnia And Herzegovina, 24 - 28 May 2016, pp.1448-1454
- LVII. **Determination of Site Characteristics with Standart Spectral Ratio (SRO) Method in Akcakale**

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