

Assoc. Prof. BÜLENT BOSTANCI

Personal Information

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International Researcher IDs

ORCID: 0000-0003-2255-2503

Publons / Web Of Science ResearcherID: Q-3717-2017

ScopusID: 57193332288

Yoksis Researcher ID: 24488

Education Information

Doctorate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Geomatik, Turkey 2002 - 2008

Postgraduate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Jeodezi Ve Fotogrametri, Turkey 1993 - 1995

Foreign Languages

German, B2 Upper Intermediate

Dissertations

Doctorate, TAŞINMAZ GELİŞTİRMEDE DEĞER KESTİRİM ANALİZLERİ VE İSTANBUL KONUT ALANI ÖRNEĞİNDE BİR UYGULAMA, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Geomatik, 2008

Postgraduate, ŞEHİR İÇİ YOL PROJELERİNİN HAZIRLANMASI VE KAVŞAKLAR, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Jeodezi Ve Fotogrametri , 1995

Research Areas

Geotechnical Engineering, Land Management, Measuring Technique, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Erciyes University, Mühendislik Fakültesi, Harita Mühendisliği, 2019 - Continues

Assistant Professor, Erciyes University, Mühendislik Fakültesi, Harita Mühendisliği, 2018 - 2019

Assistant Professor, Erciyes University, Mühendislik Fakültesi, Harita Mühendisliği, 2010 - 2018

Academic and Administrative Experience

Head of Department, Erciyes University, Mühendislik Fakültesi, Harita Mühendisliği, 2020 - 2023

Deputy Head of Department, Erciyes University, 2017 - 2023

Afyon Kocatepe University, 2007 - 2007

Afyon Kocatepe University, 2004 - 2007

Courses

Konum Ölçmeleri, Undergraduate, 2020 - 2021

YOL VE ALTYAPI ÖLÇMELERİ, Postgraduate, 2019 - 2020

Yol ve Altyapı Ölçmeleri, Postgraduate, 2019 - 2020

Karar Verme Teknikleri, Postgraduate, 2019 - 2020

Undergraduate, 2019 - 2020

YOL VE ALTYAPI ÖLÇMELERİ, Postgraduate, 2017 - 2018

MÜHENDİSLİK UYGULAMALARI 1, Undergraduate, 2017 - 2018

GAYRİMENKUL DEĞERLEME, Undergraduate, 2017 - 2018

KARAYOLU TEKNİĞİ, Undergraduate, 2017 - 2018

YOL VE ALTYAPI ÖLÇMELERİ, Postgraduate, 2011 - 2012

YÜKSEKLİK ÖLÇMELERİ, Undergraduate, 2011 - 2012

KARAYOLU TEKNİĞİ, Undergraduate, 2011 - 2012

ÖLÇME BİLGİSİ, Undergraduate, 2011 - 2012

MÜHENDİSLİK UYGULAMASI, Undergraduate, 2011 - 2012

Advising Theses

Taşkanat T., Bostancı B., Kentsel Dönüşüm Mevzuatlarının Uygulamalar Üzerinden Coğrafi Bilgi Sistemleri İle İncelenmesi: Kayseri Örneği, Postgraduate, F.FEYZA(Student), 2022

Bostancı B., Emlak Vergisi Kayıp Kaçak Oranlarının Toplu Değerleme ile Araştırılması: Kayseri Örneği, Postgraduate, M.YILMAZ(Student), 2021

Bostancı B., İnsansız Hava Araçları İle Harita Üretiminde Doğruluk Analizi, Doctorate, A.İL VAN(Student), 2019

Bostancı B., Bulanık mantık ile yerel geoid modelleme, Postgraduate, F.UÇAR(Student), 2019

BOSTANCI B., KONUM TABANLI MOBİL UYGULAMALARIN GELİŞTİRİLMESİ VE KONUM HASSASİYETLERİNİN DEĞERLENDİRİLMESİ, Postgraduate, A.Karaağaç(Student), 2015

Jury Memberships

Doctoral Examination, Doctoral Examination, Konya Teknik Üniversitesi, November, 2020

Doctorate, Doktora Jürisi, Selçuk Üniversitesi, January, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Spatial-Temporal Distribution of 12-Year Periodontal Disease Prevalence in a Large Population Using Geographical Information Systems: A Longitudinal Study**

BOSTANCI B., Erimli G., Kilic D.

Oral health & preventive dentistry, vol.22, pp.573-582, 2024 (SCI-Expanded)

- II. **Location selection for solar power plants by using support vector machines: Adiyaman province, Turkey**

BOSTANCI B., Kaynak T., Çapkurt Z.

Renewable Energy, vol.229, 2024 (SCI-Expanded)

- III. Investigation of Real Estate Tax Leakage Loss Rates with ANNs**
 Yilmaz M., BOSTANCI B.
Buildings, vol.13, no.10, 2023 (SCI-Expanded)
- IV. Investigation of Urban Design Approaches in Renewal Areas with Hybrid Decision Model**
 Koçak Güngör M., Bostancı B., Yilmaz Bakır N., Doğan U.
Sustainability (Switzerland), vol.14, no.17, 2022 (SCI-Expanded)
- V. GIS Based Urban Renewal Area Awareness and Expectation Analysis Using Fuzzy Modeling**
 Doğan U., Gungor M. K., Bostancı B., Yilmaz Bakır N.
SUSTAINABLE CITIES AND SOCIETY, vol.54, 2020 (SCI-Expanded)
- VI. Investigating the satisfaction of citizens in municipality services using fuzzy modelling**
 Bostancı B., Erdem N.
SOCIO-ECONOMIC PLANNING SCIENCES, vol.69, 2020 (SCI-Expanded)
- VII. Investigating the Shortest Survey Route in a GNSS Traverse Network**
 Bostancı B., Karaağaç A.
TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.26, no.2, pp.355-362, 2019 (SCI-Expanded)
- VIII. Mapping of environmental consciousness levels of university students: an application in Turkey**
 Bostancı B.
ARABIAN JOURNAL OF GEOSCIENCES, vol.12, no.5, 2019 (SCI-Expanded)
- IX. Planned development versus unplanned change: The effects on urban planning in Turkey**
 Bakır N., Doğan U., Gungor M., Bostancı B.
LAND USE POLICY, vol.77, pp.310-321, 2018 (SSCI)
- X. Accuracy assessment of noise mapping on the main street**
 BOSTANCI B.
ARABIAN JOURNAL OF GEOSCIENCES, vol.11, no.1, 2018 (SCI-Expanded)
- XI. A New Hybrid Decision Making Approach for Housing Suitability Mapping of an Urban Area**
 ZEYDAN M., BOSTANCI B., ORALHAN B.
MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2018, 2018 (SCI-Expanded)
- XII. Bulanık karar verme teknikleri ile CBS destekli konut memnuniyeti araştırması**
 BOSTANCI B., YILMAZ BAKIR N., DOĞAN U., KOÇAK M.
Journal Of The Faculty Of Engineering And Architecture Of Gazi University, vol.32, pp.1193-1208, 2017 (SCI-Expanded)
- XIII. Decision making for site selection using fuzzy modeling**
 BOSTANCI B., ZEYDAN M., Çete M., DEMİR H., KARAAĞAÇ A.
Journal of Urban Planning and Development, vol.143, no.1, 2017 (SCI-Expanded)
- XIV. Research on GIS-aided housing satisfaction using fuzzy decision-making techniques**
 BOSTANCI B., Bakır N. Y., DOĞAN U., Gungor M.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.32, no.4, pp.1193-1207, 2017 (SCI-Expanded)
- XV. Modelling and evaluation of light railway system's noise using neural predictors**
 Erkaya S., Geymen A., BOSTANCI B.
JOURNAL OF ENVIRONMENTAL HEALTH SCIENCE AND ENGINEERING, vol.13, 2015 (SCI-Expanded)
- XVI. Decision-support analysis for risk management**
 DEMİR H., BOSTANCI B.
AFRICAN JOURNAL OF BUSINESS MANAGEMENT, vol.4, no.8, pp.1586-1604, 2010 (SSCI)

Articles Published in Other Journals

- I. General Review of Smartphone Usability in Noise Mapping**
 Omar F. M., Bostancı B.
Black Sea Journal of Engineering and Science, vol.7, no.4, pp.804-814, 2024 (Peer-Reviewed Journal)

- II. Mekânsal Bulanık Karar Destek Sisteminin Geliştirilmesi**
Zeydan M., Bostancı B., Oralhan B., Eroğlu D., Aydiner U.
Avrupa Bilim ve Teknoloji Dergisi, vol.1, no.1, pp.418-429, 2020 (Peer-Reviewed Journal)
- III. Kentsel Sorunların Yönetimi için Bir Gönüllü Coğrafi Bilgi Mobil Uygulaması Geliştirilmesi**
Taşkanat T., Karaağaç A., Beşdok E., Bostancı B.
Geomatik, vol.3, pp.84-91, 2018 (Peer-Reviewed Journal)
- IV. STUDENT SATISFACTION IN ENGINEERING EDUCATION USING WLC AND GIS**
BOSTANCI B.
The Online Journal of Quality in Higher Education, vol.4, no.4, pp.54-64, 2017 (Peer-Reviewed Journal)
- V. Demir Çelik Haddehane Fabrika İnşaاتında Hassas Jeodezik Ölçmelerle Makinaların Yerleştirilmesi**
İlvan A., Bostancı B.
Harita Dergisi, no.158, pp.35-44, 2017 (Peer-Reviewed Journal)
- VI. Belediye Hizmet Kalitesinin Bulanık AHS Ağırlıkları ile Nominal Değerlemesi**
Bostancı B.
Harita Teknolojileri Elektronik Dergisi, vol.8, no.2, pp.110-130, 2016 (Peer-Reviewed Journal)
- VII. Taşınmaz Geliştirmede Risk Analizi**
BOSTANCI B., DEMİR H.
HKM JEODEZİ JEOINFORMASYON ARAZİ YÖNETİMİ, no.99, pp.5-11, 2008 (Peer-Reviewed Journal)
- VIII. Maden Sınırlarının Belirlenmesi ve Aplikasyonunda Yeni Yöntemler**
BOSTANCI B.
Soma Meslek Yüksekokulu Teknik Bilimler Dergisi, no.4, pp.45-58, 2005 (Peer-Reviewed Journal)

Books & Book Chapters

- I. THE USE OF SPATIAL EPIDEMIOLOGY IN DENTAL HEALTH**
Bostancı B.
in: Current Research in Medicine and Health Sciences, Nizami Duran, Meriç Eraslan, Editor, Livre de Lyon, Lyon, pp.1-122, 2024
- II. Sektörel Olarak Risk Değerlendirmesi**
BOSTANCI B.
in: Risk Değerlendirmesi, Mithat Zeydan, Editor, Atatürk Üniversitesi, Erzurum, pp.211-233, 2020
- III. Determination of Nominal Value by Fuzzy Analitic Hierarchic Process Weights**
BOSTANCI B., Demir H., KARAAĞAÇ A.
in: The World Cadastre, Yomralıoğlu T., Editor, Tapu Kadastro Döner Sermaye İşletmesi Müdürlüğü, Ankara, pp.1-10, 2016
- IV. Proje Risk Yönetimi**
BOSTANCI B.
in: Risk Değerlendirmesi, Zeydan M., Editor, Erzurum Atatürk Üniversitesi, Erzurum, pp.1-2, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. GIS Based Fuzzy Modeling and Using on Sustainable Urban Planning**
Bostancı B., Yılmaz Bakır N., Doğan U., Koçak Güngör M.
2nd Forum of Revolutions in Renewable Energy in 21st Century (FOREN-2022), 21 - 22 March 2022, pp.1-5
- II. İnsansız Hava Araçları İçin Düşük Bütçeli INS/GNSS Sistemi Entegrasyonunda Genişletilmiş Kalman Filtresi ve Kokusuz Kalman Filtresi Yöntemlerinin Karşılaştırılması**
İlvan A., Bostancı B.
18. Türkiye Harita Bilimsel ve Teknik Kurultayı, Ankara, Turkey, 26 - 29 May 2021, pp.1-9
- III. Mekânsal Bulanık Karar Destek Sisteminin Geliştirilmesi**

- Zeydan M., Bostancı B., Oralhan B., Eroğlu D., Aydiner U.
ARACONF_2020, Kayseri, Turkey, 5 - 07 March 2020, vol.1, pp.1-6
- IV. **Deep Reinforcement Learning Approach with Hybrid Policy for Traffic Signal Timing Optimization**
Karaağaç A., Bostancı B.
26th Intelligent Transportation Systems World Congress (ITSWC'19), Singapore, Singapore, 21 - 25 October 2019, pp.1-5
- V. **The Impact of Astrolabes in the Development of Contemporary Mapping**
KARAAĞAÇ A., BOSTANCI B.
II. International Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 July 2018, pp.1
- VI. **Mobile Application Development for Traversing**
KARAAĞAÇ A., BOSTANCI B.
II. International Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 July 2018, pp.1
- VII. **Assessment of Urban Forests by Using Weighted Linear Combination**
EYMEN A., BOSTANCI B.
FIG Congress 2018, İstanbul, Turkey, 6 - 11 May 2018, pp.1-8
- VIII. **GIS Supported Decision Approach for Housing Evaluation**
BOSTANCI B., Demir H., İlvan A.
FIG Congress 2018, İstanbul, Turkey, 6 - 11 May 2018, pp.1-10
- IX. **Comparison The Positioning Methods of Android and iOS Devices”, 2nd International Vocational Science Symposium**
KARAAĞAÇ A., Karaağaç Z., BOSTANCI B.
2nd International Vocational Science Symposium, Antalya, Turkey, 26 - 29 April 2018
- X. **Comparison The Positioning Methods of Android and iOS Devices**
KARAAĞAÇ A., KARAAĞAÇ Z., BOSTANCI B.
2nd International Vocational Science Symposium, Antalya, Turkey, 26 - 29 April 2018, pp.1-2
- XI. **Doğal Afetlerde Riskli Alanların Değerlendirilmesinde CBS Kullanımı**
BOSTANCI B., EYMEN A., İlvan A.
ULUSLARARASI COĞRAFİ BİLGİ SİSTEMLERİ KONGRESİ 2017, Adana, Turkey, 15 - 18 November 2017, pp.250-255
- XII. **Development of a Volunteered Geographical Information Mobile Application for the Management of Urban Affairs**
TAŞKANAT T., KARAAĞAÇ A., BEŞDOK E., BOSTANCI B.
UCTEA International Geographical Information Systems Congress 2017, Adana, Turkey, 15 - 18 November 2017, pp.62-66
- XIII. **Determination of Optimum Route with Time Weighted Dijkstra Algorithm**
KARAAĞAÇ A., TAŞKANAT T., BOSTANCI B.
International Advance Researches in Engineering Congress / IAREC'17, Osmaniye, Turkey, 16 - 18 November 2017, vol.1, no.1, pp.1
- XIV. **Doğal Afetlerde Riskli Alanların Değerlendirilmesinde CBS Kullanımı: Adana İli Örneği**
BOSTANCI B., EYMEN A., İlvan A.
TMMOB ULUSLARARASI COĞRAFİ BİLGİ SİSTEMLERİ KONGRESİ 2017, Adana, Turkey, 15 - 18 November 2017, pp.1-8
- XV. **Kentsel Sorunların Yönetimi İçin Bir Gönüllü Coğrafi Bilgi Mobil Uygulaması Geliştirilmesi**
TAŞKANAT T., KARAAĞAÇ A., BEŞDOK E., BOSTANCI B.
TMMOB ULUSLARARASI COĞRAFİ BİLGİ SİSTEMLERİ KONGRESİ 2017, Adana, Turkey, 15 - 18 November 2017, pp.1
- XVI. **Problems Living in Real Estate Valuation Issue and Risk Analysis in Real Estate Development Projects**
ERDEM N., BOSTANCI B.
International Advance Researches in Engineering Congress / IAREC'17, Osmaniye, Turkey, 16 - 18 November 2017, vol.1, pp.1
- XVII. **GIS Based Investigation of Student Satisfaction in Vocational Scholl Education**

- BOSTANCI B., GEYMEN A.
International Vocational Schools Symposium, Sarajevo, Bosnia And Herzegovina, 18 - 20 May 2017, pp.1-10
- XVIII. **Investigation of Geographical Information System-Based Environmental Awareness in Vocational School Students**
EYmen A., BOSTANCI B.
International Vocational Schools Symposium, Sarajevo, Bosnia And Herzegovina, 18 - 20 May 2017, pp.1-7
- XIX. **Development of an iOS application: Altitude Estimator in a Local Area**
KARAAĞAÇ A., BOSTANCI B.
The 8th International Conference on Information Technology ICIT 2017 Internet of Things, Amman, Jordan, 17 - 18 May 2017, pp.1-5
- XX. **STUDENT SATISFACTION IN ENGINEERING EDUCATION A GIS BASED ANALYSIS**
BOSTANCI B.
International Conference on Quality in Higher Education, Sakarya, Turkey, 23 November - 25 December 2016, pp.778-786
- XXI. **KONUM SERVİSLERİNİ KULLANAN MOBİL UYGULAMALARIN GELİŞTİRİLMESİ: TAKSİ GO UYGULAMASI**
KARAAĞAÇ A., BOSTANCI B.
6. Uzaktan Algılama ve Coğrafi Bilgi Sistemleri Sempozyumu 2016, Adana, Turkey, 5 - 07 October 2016
- XXII. **Konum Servislerini Kullanan Mobil Uygulamaların Geliştirimi: Taksi GO Uygulaması**
KARAAĞAÇ A., BOSTANCI B.
6. Uzaktan Algılama ve CBS Sempozyumu, Adana, Turkey, 5 - 07 October 2016, pp.1-5
- XXIII. **Processable Data Making in the Remote Server Sent by Android Phone as a GIS Data Collecting Tool**
KARAAĞAÇ A., BOSTANCI B.
EGU General Assembly 2016, Viyana, Austria, 17 - 22 April 2016, vol.18, pp.1
- XXIV. **PROCESSABLE DATA MAKING IN THE REMOTE SERVER SENT BY ANDROID PHONE AS A GIS DATA COLLECTİNG TOOL**
KARAAĞAÇ A., BOSTANCI B.
EUROPEAN GEOSCIENCES UNION GENERAL ASSEMBLY 2016, Viyana, Austria, 17 - 22 April 2016, no.14947, pp.1
- XXV. **DETERMINATION OF NOMINAL VALUE WITH FUZZY ANALYTICAL HIERARCHY PROCESS WEIGHTS**
BOSTANCI B., DEMİR H., KARAAĞAÇ A.
The World Cadastre Summit, Congress& Exhibition, İstanbul, Turkey, 20 - 24 April 2015, pp.1-12
- XXVI. **Determination of Nominal Value by Fuzzy Analytic Hierarchic Process Weights**
BOSTANCI B., DEMİR H., KARAAĞAÇ A.
The World Cadastre Summit, Congress Exhibition, 21 - 25 April 2015
- XXVII. **Urban Roads Noise Modeling by Using Regression Analysis.**
BOSTANCI B., GEYMEN A.
FIG CONGRESS 2014, Kuala Lumpur, Malaysia, 16 - 21 June 2014, pp.1-13
- XXVIII. **Karayollarında Coğrafi Bilgi Sistemi Tabanlı Gürültü Haritalama**
BOSTANCI B., GEYMEN A.
6.Uluslararası Mühendislik Ölçmeleri Sempozyumu, Afyon, Turkey, 3 - 05 October 2012, pp.1-5
- XXIX. **Karayollarında Coğrafi Bilgi Sistemi Tabanlı Gürültü Ölçümü**
BOSTANCI B., GEYMEN A.
6.Uluslararası Mühendislik Ölçmeleri Sempozyumu, Afyon, Turkey, 3 - 05 October 2012, pp.1-5
- XXX. **UML Tabanlı Taşınmaz Değerleme Modeli Tasarımı: Konut Değerleme Örneği**
BOSTANCI B., İNAN H., ÇETE M., GEYMEN A., Erdem N. E.
II. Arazi Yönetimi Çalıştayı, İstanbul, Turkey, 21 - 22 May 2012
- XXXI. **Production of Geographic Information System Aided Noise Maps**
GEYMEN A., BOSTANCI B.
FIG Working Week 2012, Roma, Italy, 6 - 10 May 2012, pp.1-11
- XXXII. **Taşınmaz Geliştirmede Doğrusal Programlama**
BOSTANCI B., DEMİR H.

13. Türkiye Harita Bilimsel ve Teknik Kurultayı, Ankara, Turkey, 1 - 04 April 2011, pp.1-8
- XXXIII. **A Research About Vocational Schol Students Future Expectations in the Process of Globalisation**
YAPRAK Ş., BOSTANCI B.
1st International 5st National Vocational Scholls of Heigher Education Symposium, Turkey, 1 - 04 May 2009, pp.1-10
- XXXIV. **Belediyeler İçin Nüfus Esash Gelir Paylaşım Yöntemine Alternatif Bir Model Geliştirilmesi**
SAĞBAŞ İ., BOSTANCI B.
Yerel Yönetimler Sempozyumu, Sakarya, Turkey, 1 - 04 October 2008, pp.147-154
- XXXV. **Trafik Adalarının Geometrik Dizaynı**
BOSTANCI B.
2. Mühendislik Ölçmeleri Sempozyumu, İstanbul, Turkey, 1 - 04 November 2005, pp.502-511
- XXXVI. **Klotoid Eğrisinde Yol Dinamığının İncelenmesi**
BOSTANCI B.
10. Türkiye Harita Teknik ve Bilimsel Kurultayı, Ankara, Turkey, 1 - 04 April 2005, pp.176-189

Supported Projects

Bostancı B., TUBITAK Project, Mekansal Karar Destek Sistemi, 2018 - 2021

Activities in Scientific Journals

Black Sea Journal of Engineering and Science, Assistant Editor/Section Editor, 2022 - Continues

Memberships / Tasks in Scientific Organizations

ODA ÜYELİĞİ, Member, 1994 - Continues

Scientific Refereeing

Jeodezi ve jeoinformasyon dergisi (Online), National Scientific Refreed Journal, February 2024

NEURAL COMPUTING AND APPLICATIONS, SCI Journal, July 2023

BUILDINGS (BASEL), SCI Journal, May 2023

Project Supported by Higher Education Institutions, February 2014

AFRICAN JOURNAL OF BUSİNES MANAGEMENT, SCI Journal, September 2011

Tasks In Event Organizations

Bostancı B., 17. TÜRKİYE HARİTA BİLİMSEL VE TEKNİK KURULTAYI, Scientific Congress, Ankara, Turkey, Mayıs 2019

Metrics

Publication: 64

Citation (WoS): 92

Citation (Scopus): 112

H-Index (WoS): 6

H-Index (Scopus): 6

Congress and Symposium Activities

FIG Congress, Attendee, İstanbul, Turkey, 2018

International Vocational Schools Symposium, Attendee, Sarajevo, Bosnia And Herzegovina, 2017

International Conference on Quality in Higher Education, Attendee, Sakarya, Turkey, 2016

World Cadastre Congress, Attendee, İstanbul, Turkey, 2015

FIG Congress, Attendee, Kuala Lumpur, Malaysia, 2014

II. ARAZİ YÖNETİMİ ÇALIŞTAYI- TÜRKİYE'DE TAŞINMAZ DEĞERLEMESİ, Attendee, İstanbul, Turkey, 2012

FIG Working Week 2012, Attendee, Rome, Italy, 2012

Invited Talks

2nd Forum of Revolutions in Renewable Energy in 21st Century (FOREN-2022), Conference, Innovinc International, Hungary, March 2022

Non Academic Experience

Other Public Institution, Tapu Ve Kadastro Genel Müdürlüğü

Tapu ve Kadastro Genel Müdürlüğü

Other Public Institution, Karayolları Genel Müdürlüğü, Yol Etüt Proje Şb.Md.

Karayolları Genel Müdürlüğü