

Prof. Reha Metin Alkan

Personal Information

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Biography

Reha Metin ALKAN is a Professor in Geomatics Engineering Department at Istanbul Technical University (ITU) in Istanbul. He holds MSc and PhD degrees in Geodesy and Photogrammetry Engineering Department from ITU. Prof.Dr. Alkan continued his academic career at Ryerson University as a visiting associate professor in 2006. His research area mainly covers satellite positioning and navigation, hydrographic surveying, geodesy and surveying, operational research, and land management.

Professor Alkan has conducted several research studies at the national and international levels resulting in several publications (about 300) in prestigious journals and conferences on mainly satellite positioning, surveying, geodesy, internationalization of higher education and others. Dr. Alkan also contributes to 13 of the United Nations (UN) Sustainable Development Goals (SDGs) with his academic activities (3-Good Health and Well-being, 4-Quality Education, 6-Clean Water and Sanitation, 8-Decent Work and Economic Growth, 9-Industry, Innovation and Infrastructure, 10-Reduced Inequality, 11-Sustainable Cities and Communities, 12-Responsible Consumption and Production, 13-Climate Action, 14-Life Below Water, 15-Life On Land, 16-Peace, Justice, and Strong Institutions, 17-Partnerships for the Goals).

Prof.Dr. Reha Metin ALKAN supervised numerous undergraduate and graduate thesis including Master of Science and Doctorates. He has also contributed to education in ITU by giving many courses. In addition, he took part in the evaluation of many projects. He is on the editorial board of numerous scientific journals in the fields of geomatics. Dr. Alkan has undertaken the duty of refereeing in prestigious international journals (indexed by Science Citation Index, Science Citation Index-Expanded, Social Sciences Citation Index and Arts and Humanities Citation Index). He took part in the Honorary Committee, Scientific Committee, Organizing and Executive Committee and Advisory Committee of many national and international scientific and social meetings. Dr. Alkan has given seminars to a wide and diverse audience and has been a speaker on various panels.

Having memberships of commissions and boards in many professional and social institutions and organizations as an advisory board and scientific program committee member, delegate of chamber, Graduate Student Admission Commission, Scientific Meetings Support Commission, Education Development Commission, Effective Education Techniques Commission, Department Performance Commission, Professional Group Publication Committee, Dr. Alkan also is a member of Canadian Hydrographic Association, European Geosciences Union (EGU), Canadian Hydrographic Association, Land Management Platform, Piri Reis Mapping-Real Estate and Geographical Information Systems Association, Turkish National Geodesy Commission, Chamber of Survey and Cadastre Engineers of Türkiye and other various professional and social committees.

According to the metrics based on Web of Science, Scopus, and Google Scholar, h-indexes are 11, 11, and 19 (having 1561 citations), respectively. His Research Interest Score in Research Gate is 1374 with 16 h-index (with about 99,950 reads and 990 citations). He has been awarded the Elsevier Certificate of Outstanding Contribution in Reviewing Award, Elsevier Certificate of Reviewing Award, Best Paper Award, Best Poster Award, Man of the Year Award, and Best Research Assistant in Department.

He has managed to continue his professional career in the administrative field with the Head of Evaluation Team for The Higher Education Quality Council (YÖKAK); City Exam Coordinator of The Centre for Assessment, Selection and Placement (OSYM); İstanbul University Open and Distance Education Faculty (AUZEF); Atatürk University Open Education Faculty; Anadolu University Open Education Faculty (AOF); Vice Head of Geomatics Department; Acting Dean; Board Faculty Member (Professor Representative); President and Member of Foundations; Member of Turkish Inter-university Board (ÜAK); Chairman of the Board and Board Member of Çorum Technopark; Head of Development Board of Central Black Sea Development Agency (OKA); Chairman of the Board for Hitit University Scientific and Technical Application and Research Centre; Member of R&D; Innovation and Industrial Application Support Programme Evaluation Board of KOSGEB Directorate of Çorum; Advisor to Rector (ITU); Department Laboratory Responsible (ITU); Research Assistant Representative of ITU Department of Geodesy and Photogrammetry Engineering, and Founder of Turkish Green Crescent Çorum Branch.

He has been the President of Hitit University in Çorum, Türkiye, between 2011-2018. As President of Hitit University, Professor Alkan has mainly focused on quality management, accreditation, and international academic collaborations while achieving a successful work on transferring information which was produced under 3rd generation university concept for human benefit and production purposes via promoting university-industry-public collaborations. As a result of the importance given to the scientific infrastructure, Professor Alkan has founded Hitit University Scientific-Technical Application and Research Centre and Technopark resulting in a significant expansion of the research funds given for scientific projects.

According to the AD Scientific Index-2023 "Turkey Top 10,000 Scientists" list, which is in the list of 1,082,000 academics from 216 countries and 19,500 Universities and Institutions, the list shows the first 10,000 academics with the highest h-index and the most cited Universities and institutions from Türkiye, Prof. Dr. Alkan was ranked among the 10,000 Scientists listed from Türkiye.

Professor Alkan is married and has one daughter.

Education Information

Doctorate, Istanbul Technical University, İnşaat Fakültesi, Geomatik Mühendisliği Bölümü, Turkey 1993 - 1998

Postgraduate, Istanbul Technical University, İnşaat Fakültesi, Geomatik Mühendisliği Bölümü, Turkey 1990 - 1993

Undergraduate, Istanbul Technical University, İnşaat Fakültesi, Geomatik Mühendisliği Bölümü, Turkey 1986 - 1990

Foreign Languages

English

Dissertations

Doctorate, Presizyonlu hidrografik ölçmelerde bat-çık etkisinin GPS yöntemi ile belirlenmesi, Istanbul Technical University, Fen Bilimleri Enstitüsü, Jeodezi ve Fotogrametri, 1998

Postgraduate, Harita projelerinin cpm-PERT yöntemleri ile programlanması, Istanbul Technical University, Fen Bilimleri Enstitüsü, Jeodezi ve Fotogrametri, 1993

Research Areas

Geotechnical Engineering, Land-Land Management, Real Estate Valuation, Deformation Measurements, Industrial Measurements, GPS-GNSS, Hydrographic Measurements, Ground Measurements, Height Measurements, Measuring Technique, Engineering and Technology

Academic and Administrative Experience

Rector, Diğer (Kurumlar,hastaneler Vb.), 2011 - 2019

İstanbul Teknik Üniversitesi, Rektörlük, 2008 - 2011

İstanbul Teknik Üniversitesi, İnşaat Fakültesi, Jeodezi Ve Fotogrametri Mühendisliği Bölümü, 2003 - 2006

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Applicability of real-time PPP technique in polar regions as an accurate and efficient real-time positioning system**
Alkan R. M., Erol S., Mutlu B.
Turkish Journal of Earth Sciences, vol.32, no.SI-8, pp.1022-1040, 2023 (SCI-Expanded)
- II. **Assessment of Real-Time PPP with Trimble RTX correction service for real-time dynamic displacement monitoring based on high-rate GNSS observations**
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MEASUREMENT, vol.201, 2022 (SCI-Expanded)
- III. **Real-time multi-GNSS Precise Point Positioning using IGS-RTS products in Antarctic region**
Alkan R. M., Erol S., Mutlu B.
Polar Science, vol.32, 2022 (SCI-Expanded)
- IV. **New geodetic constraints to reveal seismic potential of central Marmara region, Turkey**
Yavasoglu H. H., Tiryakioglu I., Karabulut M., Eyubagil E., Ozkan A., Masson F., Klein E., Gulal V., Alkan R. M., Alkan M., et al.
BOLLETTINO DI GEOFISICA TEORICA ED APPLICATA, vol.62, no.3, pp.513-542, 2021 (SCI-Expanded)
- V. **Impact of different sampling rates on precise point positioning performance using online processing service**
Erol S., Alkan R. M., OZULU İ. M., Ilci V.
GEO-SPATIAL INFORMATION SCIENCE, vol.24, no.2, pp.302-312, 2021 (SCI-Expanded)
- VI. **Comparative analysis of real-time kinematic and PPP techniques in dynamic environment**
Alkan R. M., Erol S., Ilci V., OZULU İ. M.
MEASUREMENT, vol.163, 2020 (SCI-Expanded)
- VII. **Performance Comparison of 2.4 and 5 GHz WiFi Signals and Proposing a New Method for Mobile Indoor Positioning**
Ilci V., Gulal E., Alkan R. M.
WIRELESS PERSONAL COMMUNICATIONS, vol.110, no.3, pp.1493-1511, 2020 (SCI-Expanded)
- VIII. **Accuracy comparison of post-processed PPP and real-time absolute positioning techniques**
Alkan R. M., Erol S., Ozulu I. M., Ilci V.
GEOMATICS NATURAL HAZARDS & RISK, vol.11, no.1, pp.178-190, 2020 (SCI-Expanded)
- IX. **Cm-level high accurate point positioning with satellite-based GNSS correction service in dynamic applications**
Alkan R. M.
JOURNAL OF SPATIAL SCIENCE, 2019 (SCI-Expanded)
- X. **DETERMINATION OF RESERVOIR SEDIMENTATION WITH BATHYMETRIC SURVEY: A CASE STUDY OF OBRUK DAM LAKE**
İLÇİ V., OZULU İ. M., Alkan R. M., Erol S., UYSAL M., Kalkan Y., Bilgi S., Şeker D. Z.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.3, pp.2305-2313, 2019 (SCI-Expanded)
- XI. **THE USAGE OF UNMANNED AERIAL VEHICLES (UAVs) FOR 3D MAPPING OF ARCHAEOLOGICAL SITES**
İLÇİ V., OZULU İ. M., Bilgi S., Alkan R. M.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.2, pp.968-974, 2019 (SCI-Expanded)
- XII. **Investigation on the Accuracy of Existing Qibla Directions of the Mosques from Different Periods: A Case Study in corum City, Turkey**
İLÇİ V., OZULU İ. M., Arslan E., Alkan R. M.

- TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.25, no.6, pp.1642-1649, 2018 (SCI-Expanded)
- XIII. **Analysis of RTK Positioning Methods Comparative Study of Single-Baseline and Network RTK**
Alkan R. M., Ozulu I. M., İLÇİ V.
SEA TECHNOLOGY, vol.59, no.10, pp.16-18, 2018 (SCI-Expanded)
- XIV. **An investigation of different Wi-Fi signal behaviours and their effects on indoor positioning accuracy**
Ilici V., Gulal E., Alkan R. M.
SURVEY REVIEW, vol.50, no.362, pp.404-411, 2018 (SCI-Expanded)
- XV. **Monitoring the deformation and strain analysis on the Atatürk Dam, Turkey**
Yavasoglu H. H., Kalkan Y., Tiryakioglu I., Yigit C. O., Ozbey V., Alkan M. N., Bilgi S., Alkan R. M.
GEOMATICS NATURAL HAZARDS & RISK, vol.9, no.1, pp.94-107, 2018 (SCI-Expanded)
- XVI. **Kinematic precise point positioning using GPS and GLONASS measurements in marine environments**
Alkan R. M., SAKA M. H., OZULU İ. M., İLÇİ V.
MEASUREMENT, vol.109, pp.36-43, 2017 (SCI-Expanded)
- XVII. **The determination of interseismic, coseismic and postseismic deformations caused by the Gokceada-Samothraki earthquake (2014, Mw: 6.9) based on GNSS data**
Tiryakioglu I., Yigit C. O., Yavasoglu H. H., Saka M. H., Alkan R. M.
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- XVIII. **Bibliometric analysis on global Behcet disease publications during 1980-2014: is there a Silk Road in the literature?**
Senel E., Demir E., Alkan R. M.
JOURNAL OF THE EUROPEAN ACADEMY OF DERMATOLOGY AND VENEREOLOGY, vol.31, no.3, pp.518-522, 2017 (SCI-Expanded)
- XIX. **Accuracy Comparison Of Online GNSS PPP Analyzing Web Positioning Services' Performance in Marine Environment**
Alkan R. M., Ozulu I. M., Ilici V.
SEA TECHNOLOGY, vol.57, no.5, pp.37-39, 2016 (SCI-Expanded)
- XX. **A comparative study for accuracy assessment of PPP technique using GPS and GLONASS in urban areas**
Alkan R. M., Ilici V., Ozulu I. M., Saka M. H.
MEASUREMENT, vol.69, pp.1-8, 2015 (SCI-Expanded)
- XXI. **Decimeter-level positioning in dynamic applications with a single GPS receiver**
Saka M. H., Alkan R. M.
ACTA GEODAETICA ET GEOPHYSICA, vol.49, no.4, pp.517-525, 2014 (SCI-Expanded)
- XXII. **Usability of the GPS Precise Point Positioning Technique in Marine Applications**
Alkan R. M., ÖCALAN T.
JOURNAL OF NAVIGATION, vol.66, no.4, pp.579-588, 2013 (SCI-Expanded)
- XXIII. **A Performance Analysis of Low-Cost GPS Receivers in Kinematic Applications**
Alkan R. M., Saka M. H.
JOURNAL OF NAVIGATION, vol.62, no.4, pp.687-697, 2009 (SCI-Expanded)
- XXIV. **3D coastal erosion analysis of Kilyos - Karaburun region using multi-temporal satellite image data**
Şeker D. Z., Kaya Ş., Alkan R. M., Tanik A., Sertel E.
Fresenius Environmental Bulletin, vol.17, no.11 B, pp.1977-1982, 2008 (SCI-Expanded)
- XXV. **3D COASTAL EROSION ANALYSIS OF KILYOS - KARABURUN REGION USING MULTI-TEMPORAL SATELLITE IMAGE DATA**
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- XXVI. **Designing an information system for supporting integrated coastal zone management (ICZM) - A case study**
Alkan R. M., Seker D. Z., Demirel H., Kalkan Y., Kabdasli S.
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- XXVII. **Promoting environmental awareness: Spatial information dissemination**
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- XXVIII. **Sub-metre accuracy for stand alone GPS positioning in hydrographic surveying**
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- XXIX. **Reduction of heave, pitch and roll effects in hydrographic surveying**
Alkan R.
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- XXX. **Stand-alone real-time GPS positioning without SA**
Alkan R.
SEA TECHNOLOGY, vol.43, no.3, pp.16-19, 2002 (SCI-Expanded)
- XXXI. **Survey boat attitude determination with GPS/IMU systems**
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Articles Published in Other Journals

- I. **The Performance Analysis of the Post-mission Web-based Static and Kinematic PPP-AR Service**
MUTLU B., EROL S., ALKAN R. M.
RUDARSKO-GEOLOSKO-NAFTNI ZBORNIK, vol.38, no.4, pp.103, 2023 (ESCI)
- II. **What can we learn from past nuclear accidents? A comparative assessment of emergency response to accidents at the Three Mile Island, Chernobyl, and Fukushima Nuclear Power Plants**
BATUR M., ALKAN R. M.
Advanced Land Management, vol.3, no.2, pp.23-36, 2023 (Peer-Reviewed Journal)
- III. **Yüksek Voltajlı Elektrik Enerjisi İletim Hattı Projelerinde İrtifak Kamulaştırması**
YILMAZ M., ALKAN R. M.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.22, no.6, pp.1353-1367, 2022 (Peer-Reviewed Journal)
- IV. **iPad Pro LiDAR sensörünün profesyonel bir yersel lazer tarayıcı ile karşılaştırmalı performans analizi**
KUÇAK R. A., EROL S., ALKAN R. M.
GEOMATİK, vol.8, no.1, pp.35-41, 2022 (Peer-Reviewed Journal)
- V. **IGS-RTS Ürünleri Kullanılarak Gerçek-zamanlı Hassas Nokta Konumlama (RT-PPP) Tekniğinin Performans Analizi: Antarktika Örneği**
ALKAN R. M., EROL S., MUTLU B.
Yerbilimleri-Bulletin for Earth Sciences, vol.43, no.1, pp.76-95, 2022 (Scopus)
- VI. **Farklı GNSS Uydu Sistemlerinin Hassas Nokta Konumlama (PPP) Tekniğinin Performansına etkisinin İncelenmesi**
Uçarlı A. C., Demir F., EROL S., ALKAN R. M.
Geomatik Dergisi, vol.6, no.3, pp.247-258, 2021 (Peer-Reviewed Journal)
- VII. **Nominal Değerleme Yöntemi ile CBS Destekli Taşınmaz Değer Haritalarının Oluşturulması: Avanos/Nevşehir Örneği**
DOLDUR M., ALKAN R. M.
Afyon Kocatepe University Journal of Sciences and Engineering, vol.21, no.4, pp.846-863, 2021 (Peer-Reviewed Journal)
- VIII. **Antarktika Kıtasında Hassas Nokta Konumlama (Precise Point Positioning-PPP) Tekniğinin Performansının İncelenmesi**
Erol S., Mutlu B., Erol B., Katgöz S., Alkan R. M.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.20, no.5, pp.844-856, 2020 (Peer-Reviewed)

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- IX. Performance Analysis of Real-Time and Post-Mission Kinematic Precise Point Positioning in Marine Environments**
EROL S., ALKAN R. M., OZULU İ. M., İLÇİ V.
Geodesy and Geodynamics, vol.11, no.6, pp.401-410, 2020 (ESCI)
- X. Dördüncü Sanayi Devrimi Endüstri 4.0: Dünya ve Türkiye Değerlendirmeleri**
KILIÇ S., ALKAN R. M.
Girişimcilik İnovasyon ve Pazarlama Araştırmaları Dergisi, vol.2, no.3, pp.29-49, 2018 (Peer-Reviewed Journal)
- XI. Kuzey Anadolu Fayı Bolu – Çorum Segmenti Boyunca Yer Kabuğu Hareketlerinin GNSS Yöntemiyle İzlenmesi**
ALADOĞAN K., TİRYAKİOĞLU İ., YAVAŞOĞLU H. H., ALKAN R. M., ALKAN M. N., KÖSE Z., İLÇİ V., OZULU İ. M., TOMBUŞ F. E., ŞAHİN M.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.17, pp.997-1003, 2017 (Peer-Reviewed Journal)
- XII. Performance Evaluation of Single Baseline and Network RTK GNSS**
ALKAN R. M., OZULU İ. M., İLÇİ V.
Coordinates, vol.12, pp.11-15, 2017 (Peer-Reviewed Journal)
- XIII. Klasik GNSS Veri Değerlendirme Yazılımlarına Alternatif Olarak Web-tabanlı Online Değerlendirme Servisleri**
ALKAN R. M., OZULU İ. M., İLÇİ V.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.17, no.2, pp.603-619, 2017 (Peer-Reviewed Journal)
- XIV. An International Aspect In Turkish Higher Education System**
MEREY G., ALKAN R. M.
The Online Journal of Quality in Higher Education, vol.4, pp.9-20, 2017 (Peer-Reviewed Journal)
- XV. Hassas Kible Tayini**
ALKAN R. M., İLÇİ V., OZULU İ. M., TOMBUŞ F. E., ŞAHİN M., ARSLAN E.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.16, pp.665-673, 2016 (Peer-Reviewed Journal)
- XVI. Yükseköğretimde Değişim Dönüşüm Süreci Ve Üniversitelerin Genişleyen Roller**
ŞAHİN M., ALKAN R. M.
Eğitim ve Öğretim Araştırmaları Dergisi, vol.5, no.2, pp.297-307, 2016 (Peer-Reviewed Journal)
- XVII. Deniz Uygulamalarında Hassas Nokta Konumlama Tekniğinin PPP Kullanılabilirliği Üzerine Bir Araştırma**
ALKAN R. M., OZULU İ. M., İLÇİ V.
Harita Dergisi, vol.154, pp.1-8, 2015 (Peer-Reviewed Journal)
- XVIII. Disiplinlerarası Bir Yaklaşım Olarak Yöneylem Araştırması ve Mühendislik Uygulamalarında Kullanımı**
DEMİRER Ö., ALKAN R. M.
Harita Teknolojileri Elektronik Dergisi, vol.7, no.1, pp.37-46, 2015 (Peer-Reviewed Journal)
- XIX. An Overview of International Education in Higher Education from a Macro Perspective**
MEREY G., ALKAN R. M.
The Online Journal of New Horizons in Education (TOJNED), vol.5, no.2, pp.1-5, 2015 (Peer-Reviewed Journal)
- XX. Accuracy Comparison of PPP Using GPS only and Combined GPS GLONASS Satellites in Urban Area A Case Study in Çorum**
ALKAN R. M., İLÇİ V., OZULU İ. M.
Journal of the Arab Institute of Navigation - AIN Journal, vol.32, pp.7-12, 2015 (Peer-Reviewed Journal)
- XXI. Internationalization As An Important Factor On University Industry Collaboration**
MEREY G., ALKAN R. M.
The Online Journal of New Horizons in Education (TOJNED), vol.5, no.4, pp.37-40, 2015 (Peer-Reviewed Journal)
- XXII. Entrepreneurship Education at Universities Suggestion for A Model Using Financial Support**

- BAŞÇI E. S., ALKAN R. M.
Procedia-Social and Behavioral Sciences (Special Issue for World Conference on Technology, Innovation and Entrepreneurship), vol.195, pp.856-861, 2015 (Peer-Reviewed Journal)
- XXIII. **A Stand Alone Positioning Method for Kinematic Applications**
SAKA M. H., ALKAN R. M., ALİ Ö.
Coordinates, vol.11, no.6, pp.37-39, 2015 (Peer-Reviewed Journal)
- XXIV. **Üçüncü Kuşak Üniversite Konseptinde Mesleki Eğitimin Yeniden Yapılandırılması**
ŞAHİN M., ALKAN R. M.
Electronic Journal of Vocational Colleges (Ejovoc), 2015 (Peer-Reviewed Journal)
- XXV. **Suggestions for university-industry collaborations**
Alkan R. M.
YUKSEKOGRETİM DERGISI, vol.4, no.2, pp.61-68, 2014 (ESCI)
- XXVI. **TUSAGA Aktif and WEB based online PPP Services A case study in Çorum**
ALKAN R. M., OZULU İ. M., İLÇİ V., TOMBUŞ F. E., ŞAHİN M.
Coordinates, vol.10, no.4, pp.20-28, 2014 (Peer-Reviewed Journal)
- XXVII. **Üniversite Sanayi İşbirliği İçin Bazı Öneriler**
ALKAN R. M.
Yükseköğretim Dergisi, vol.4, no.2, pp.61-68, 2014 (Peer-Reviewed Journal)
- XXVIII. **Uluslararası Öğrenci Hareketliliği ve Ülkelere Yansımaları**
ALKAN R. M., DEMİRER Ö.
Yabancı Diller ve Mesleki Kariyer Üniversitesi, İlmî-Pedagojik Dergi, vol.1, no.20, pp.28-34, 2014 (Peer-Reviewed Journal)
- XXIX. **Meslek Yüksek Okullarındaki Mevcut Durum Sorunlar ve Bazı Çözüm Önerileri**
ALKAN R. M., SUİÇMEZ M., AYDINKAL M., ŞAHİN M.
Yükseköğretim ve Bilim Dergisi, vol.4, no.3, pp.133-140, 2014 (Peer-Reviewed Journal)
- XXX. **PPP Yönteminde GPS ve GLONASS Uydularının Kullanımının Nokta Konum Doğruluğuna Etkisinin Araştırılması**
ALKAN R. M., İLÇİ V., OZULU İ. M.
Harita Teknolojileri Elektronik Dergisi, vol.6, no.2, pp.27-34, 2014 (Peer-Reviewed Journal)
- XXXI. **Kamu Hizmeti için Gerekli Olan Taşınmazların Edinimi Hitit Üniversitesi Kampüs Çalışmaları Örneği**
ALKAN R. M.
Harita Teknolojileri Elektronik Dergisi, vol.6, no.1, pp.13-24, 2014 (Peer-Reviewed Journal)
- XXXII. **Performance Analysis of Web Based Online Precise Point Positioning PPP Services for Marine Applications**
ÖCALAN T., ALKAN R. M.
Journal of the Arab Institute of Navigation-AIN Journal, vol.29, pp.24-29, 2013 (Peer-Reviewed Journal)
- XXXIII. **Yersel Lazer Tarama Ölçmelerinde Doğruluk Analizi**
KARŞIDAĞ G., ALKAN R. M.
Harita Teknolojileri Elektronik Dergisi, vol.4, no.2, pp.1-10, 2012 (Peer-Reviewed Journal)
- XXXIV. **Analysis of Internet Based GPS Processing Services**
Subaşı H. K., ALKAN R. M.
Coordinates, vol.7, no.10, pp.11-15, 2011 (Peer-Reviewed Journal)
- XXXV. **HIS: Golden horn GIS**
Alkan R. M., Kalkan Y., Erdoğan C.
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- XXXVI. **HIS Golden Horn GIS Giving Access to Geo data for the Millions**
ALKAN R. M., KALKAN Y., Erdoğan C.
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- XXXVII. **Hassas Nokta Konumlama Tekniğinin Hidrografik Ölçmelerde Kullanılabilirliği**
ALKAN R. M., KALKAN Y.
HKM Jeodezi, Jeoinformasyon ve Arazi Yönetimi Dergisi, 13. THBTK Özel Sayısı, no.104, pp.100-106, 2011 (Peer-

- Reviewed Journal)
- XXXVIII. **Performance Evaluation of Low Cost OEM GPS Receiver System for Surveying Applications**
ALKAN R. M., SAKA M. H., ElRabbany A., AKTUĞ B., Palancioğlu H. M.
Journal the Arab Academy for Science and Technology and Maritime Transport, vol.32, no.63, pp.18-29, 2007
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- XXXIX. **Low Cost Single Frequency GPS for Surveying A Performance Analysis**
ALKAN R. M., ElRabbany A., SAKA M. H.
Location, vol.2, no.2, pp.28-31, 2007 (Peer-Reviewed Journal)
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