

BEKİR TANER SAN

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International Researcher IDs

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Publons / Web Of Science ResearcherID: K-9201-2015

ScopusID: 6506749486

Yoksis Researcher ID: 30753

Learning Knowledge

Doctorate 2002 - 2008	Middle East Technical University, Graduate School Of Natural And Applied Sciences, Graduate School Of Natural And Applied Sciences, Turkey
Postgraduate 1999 - 2002	Middle East Technical University, Graduate School Of Natural And Applied Sciences, Graduate School Of Natural And Applied Sciences, Turkey
Undergraduate 1993 - 1998	Middle East Technical University, Faculty Of Engineering, Department Of Geological Engineering, Turkey

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Hyperspectral Image Processing of EO-1 Hyperion Data for Lithological and Mineralogical Mapping, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Graduate School Of Natural And Applied Sciences, 2008

Postgraduate, Detecting Earthquake Induced Changes From Space And Aerial Images, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Graduate School Of Natural And Applied Sciences, 2002

Academic Titles / Tasks

Professor 2020 - Continues	Akdeniz University, Faculty Of Engineering, Department Of Geological Engineering
Associate Professor 2014 - 2020	Akdeniz University, Faculty Of Engineering, Department Of Geological Engineering

Supported Projects

1. Demir N., Yazgan U., SAN B. T. , TUBITAK Project, Bina Stoklarının Risk Yönetiminde Deprem Ve İklimsel Etkileri Kapsayan Uydu Ve Yerleşik Sensör Verilerinden Faydalanan Bütüncül Bir Yaklaşım, 2021 - 2023
2. San B. T. , Demir N., Project Supported by Other Official Institutions, Radar Uzaktan Algılama ile Elazığ Sivrice Bölgesinin Yüzeysel Deformasyonunun Zamansal Olarak İzlenmesi, 2021 - 2023
3. Demir N., San B. T. , Koç San D., Kılıçık A., Aksoy E., Aslan N., Sarıyer G., Erasmus Project, Earth Observation Tools for Promotion of the Digital Economy,, 2021 - 2023
4. SAN B. T. , MANAP H. S. , Project Supported by Higher Education Institutions, Optik ve Radar Uzaktan Algılama Görüntüleri Kullanılarak Litolojik Birimlerin Farklı Sınıflandırma Teknikleri ile Karşılaştırılması, 2018 - 2022
5. SAN B. T. , Project Supported by Higher Education Institutions, Yüksek Çözünürlüklü Yakın Kızıl Ötesi İHA Verilerinin Yer Bilimleri Çalışmalarında Kullanım Potansiyelinin Tespit Edilmesi, 2019 - 2020
6. SAN B. T. , SELİM C., SELİM S., Project Supported by Higher Education Institutions, Comparison of machinelearning techniques for landslide susceptibility mapping using two-level random sampling 2LRS in Alakir catchment area Antalya Turkey, 2018 - 2019
7. San B. T. , Selim S., Project Supported by Other Official Institutions, BARAJ BENDİNİN YIKILMASI HALİNDE SU ALTINDA KALABİLECEK ALANLARIN BELİRLENMESİ, 2017 - 2019
8. SAN B. T. , Project Supported by Higher Education Institutions, Alakır Çayı Havzasının (Antalya) Uzaktan Algılama ve CBS kullanılarak Heyelan Duyarlılık Haritalaması, 2016 - 2018
9. SAN B. T. , ULUŞAR Ü. D. , Project Supported by Higher Education Institutions, Finike Ovası Kıyı Çizgisi Değişiminin Uzaktan Algılama ve CBS Teknikleri Kullanılarak Tespiti ve Modellenmesi, 2015 - 2017
10. SAN B. T. , Project Supported by Higher Education Institutions, An evaluation of SVM using polygon-based random sampling in landslide susceptibility mapping: The Candir catchment area(western Antalya, Turkey), 2014 - 2016
11. KOÇ SAN D., SAN B. T. , BAKIŞ V., Project Supported by Higher Education Institutions, Multi-Criteria Decision Analysis integrated with GIS and remote sensing for astronomical observatory site selection in Antalya province, Turkey, 2014 - 2016
12. Bakış V., Koç San D., Eker Z., San B. T. , Project Supported by Higher Education Institutions, CBS SİSTEMLERİ KULLANILARAK ANTALYA İLİ VE ÇEVRESİNDE OPTİK GÖZLEMELİ YER ARAMA ÇALIŞMALARI, 2012 - 2016
13. San B. T. , Koruyucu M., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Aksaray – Kırşehir Bölgesi Hyperion Uydu Verileri Yardımı ile Mineral Haritalaması, 2007 - 2009
14. SAN B. T. , Other Supported Projects, Güney-Doğu Marmara Bölgesi 1/100,000 Ölçekli Heyelan Duyarlılık Haritalarının ASTER verisi ile Üretimi, 2005 - 2006
15. SAN B. T. , Other Supported Projects, Jeolojik Uzaktan Algılama Projesi, 2002 - 2006
16. SAN B. T. , Other Supported Projects, Uzaktan Algılama Verilerinin Heyelan Duyarlılık Haritalarının Üretilmesindeki Kullanım Potansiyeli: Kelemen ve Merer Havzaları, 2004 - 2005
17. Avcı K. M. , Erkal T., San B. T. , CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Yeşilirmak Deltası Kıyı kenar Çizgisi Değişiminin Uzaktan Algılama ve Coğrafi Bilgi Sistemleri ile İncelenmesi, 2003 - 2004

Awards

1. SAN B. T. , Google Bilim Adamı Atf Profilleri Ülke Sıralaması, Akdeniz Üniversitesi, January 2016
2. SAN B. T. , Bölüm İkinciliği Ödülü, Orta Doğu Teknik Üniversitesi, June 1998

Jury Memberships

Post Graduate, Post Graduate, Akdeniz Üniversitesi, January, 2022
Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, January, 2022
Post Graduate, Post Graduate, Hacettepe Üniversitesi, January, 2022
Post Graduate, Post Graduate, Akdeniz Üniversitesi, January, 2022
Doctoral Examination, Doctoral Examination, Akdeniz Üniversitesi, January, 2022
Doctorate, Doctorate, Orta Doğu Teknik Üniversitesi, January, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, January, 2022
Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, January, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, January, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Akdeniz Üniversitesi, December, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Akdeniz Üniversitesi, December, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Akdeniz Üniversitesi, December, 2021
Associate Professor Exam, Associate Professor Exam, ÜAK, September, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, June, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Akdeniz Üniversitesi, June, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Akdeniz Üniversitesi, June, 2021
Post Graduate, Post Graduate, Akdeniz Üniversitesi, June, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, June, 2021
Doctorate, Doctorate, Sivas Cumhuriyet Üniversitesi, June, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, January, 2021
Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, January, 2021
Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, January, 2021
Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, January, 2021
Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, January, 2021
Doctorate, Doctorate, Orta Doğu Teknik Üniversitesi, December, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Akdeniz Üniversitesi, December, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Akdeniz Üniversitesi, December, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Akdeniz Üniversitesi, November, 2020
Associate Professor Exam, Associate Professor Exam, ÜAK, October, 2020
Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, September, 2020
Doctoral Examination, Doctoral Examination, Akdeniz Üniversitesi, July, 2020
Post Graduate, Yüksek Lisans Tez Jürisi, Eskişehir Teknik Üniversitesi, June, 2020
Doctoral Examination, Doktora Yeterlik Jürisi, Akdeniz Üniversitesi, May, 2020
Associate Professor Exam, Associate Professor Exam, ÜAK, March, 2020
Associate Professor Exam, Associate Professor Exam, ÜAK, March, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Orta Doğu Teknik Üniversitesi, June, 2019
Post Graduate, Post Graduate, Orta Doğu Teknik Üniversitesi, June, 2019
Post Graduate, Post Graduate, Orta Doğu Teknik Üniversitesi, June, 2019
Doctoral Examination, Tez İzleme , Orta Doğu Teknik Üniversitesi, November, 2018

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Orta Doğu Teknik Üniversitesi, June, 2017
Doctorate, Doktora Jüri Üyeliği, Süleyman Demirel Üniversitesi, July, 2014
Post Graduate, Yüksek Lisans Tez Jürisi, Akdeniz Üniversitesi, January, 2012
Post Graduate, Yüksek Lisans Tez Jürisi, Akdeniz Üniversitesi, January, 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- Origins of diverse present displacements in a paleo-landslide area (Isiklar, Trabzon, northeast Turkey)**
Şenkaya M., Babacan A. E. , Karşlı H., San B. T.
Environmental Earth Sciences, vol.81, pp.1-24, 2022 (SCI-Expanded)
- Data Integration for Lithological Mapping Using Machine Learning Algorithms**
Manap H. S. , San B. T.
Earth Science Informatics, 2022 (SCI-Expanded)
- Landslide susceptibility mapping using an automatic sampling algorithm based on two level random sampling**
AKTAŞ H., SAN B. T.
COMPUTERS & GEOSCIENCES, vol.133, 2019 (SCI-Expanded)
- Geographical information systems (GIS) and Multi-Criteria Decision Analysis (MCDA) integration for sustainable landfill site selection considering dynamic data source**
AKSOY E., SAN B. T.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.78, no.2, pp.779-791, 2019 (SCI-Expanded)
- An approach for prediction of shoreline with spatial uncertainty mapping (SLiP-SUM)**
SAN B. T. , ULUŞAR Ü. D.
INTERNATIONAL JOURNAL OF APPLIED EARTH OBSERVATION AND GEOINFORMATION, vol.73, pp.546-554, 2018 (SCI-Expanded)
- Site selection for avocado cultivation using GIS and multi-criteria decision analyses: Case study of Antalya, Turkey**
SELİM S., KOÇ SAN D., SELİM C., SAN B. T.
COMPUTERS AND ELECTRONICS IN AGRICULTURE, vol.154, pp.450-459, 2018 (SCI-Expanded)
- Automatic citrus tree extraction from UAV images and digital surface models using circular Hough transform**
KOÇ SAN D., SELİM S., ASLAN N., SAN B. T.
COMPUTERS AND ELECTRONICS IN AGRICULTURE, vol.150, pp.289-301, 2018 (SCI-Expanded)
- Comparison of machine-learning techniques for landslide susceptibility mapping using two-level random sampling (2LRS) in Alakir catchment area, Antalya, Turkey**
ADA M., SAN B. T.
NATURAL HAZARDS, vol.90, no.1, pp.237-263, 2018 (SCI-Expanded)
- An evaluation of SVM using polygon-based random sampling in landslide susceptibility mapping: The Candir catchment area (western Antalya, Turkey)**
San B. T.
INTERNATIONAL JOURNAL OF APPLIED EARTH OBSERVATION AND GEOINFORMATION, vol.26, pp.399-412, 2014 (SCI-Expanded)
- Multi-Criteria Decision Analysis integrated with GIS and remote sensing for astronomical observatory site selection in Antalya province, Turkey**
KOC-SAN D., SAN B. T. , BAKIŞ V., HELVACI M., EKER Z.
ADVANCES IN SPACE RESEARCH, vol.52, no.1, pp.39-51, 2013 (SCI-Expanded)
- An assessment on the use of Terra ASTER L3A data in landslide susceptibility mapping**
NEFESLİOĞLU H. A. , San B. T. , GÖKÇEOĞLU C., Duman T. Y.

INTERNATIONAL JOURNAL OF APPLIED EARTH OBSERVATION AND GEOINFORMATION, vol.14, no.1, pp.40-60, 2012 (SCI-Expanded)

12. **Evaluation of cross-track illumination in EO-1 Hyperion imagery for lithological mapping**

San B. T. , SÜZEN M. L.

INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.32, no.22, pp.7873-7889, 2011 (SCI-Expanded)

13. **Digital elevation model (DEM) generation and accuracy assessment from ASTER stereo data**

San B. T. , SÜZEN M. L.

INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.26, no.22, pp.5013-5027, 2005 (SCI-Expanded)

14. **Detection of collapsed buildings caused by the 1999 Izmit, Turkey earthquake through digital analysis of post-event aerial photographs**

TÜRKER M., San B. T.

INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.25, no.21, pp.4701-4714, 2004 (SCI-Expanded)

15. **SPOT HRV data analysis for detecting earthquake-induced changes in Izmit, Turkey**

TÜRKER M., San B. T.

INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.24, no.12, pp.2439-2450, 2003 (SCI-Expanded)

Articles Published in Other Journals

1. **Akdeniz Üniversitesinin Araştırma Odaklı Üniversite Olma Süreci: Kurumsal Yapılanma, Hedefler, Faaliyetler ve Çıktılar**

KARADAĞ E., ÖZKAN B., SAN B. T. , ALPSOY E., ÇELİK ÖZENCİ Ç., ERKUŞ H., KİTAPCI O.

YUKSEKOGRETİM DERGISI, vol.11, no.1, pp.174-184, 2021 (ESCI)

2. **Akdeniz University's Process of Becoming a Research-Oriented University: Institutional Structuring, Goals, Activities and Outcomes**

Gürpınar E., Özkan B., San B. T. , Alpsoy E., Çelik Özenci Ç., Karadağ E., Erkuş H., Kitapçı O.

YUKSEKOGRETİM DERGISI, vol.11, no.1, pp.174-184, 2021 (Peer-Reviewed Journal)

3. **Yeraltı Suyu Kaynaklarının Uzaktan Algılama ve CBS Teknikleri Kullanarak Modellenmesine Yönelik bir Yaklaşım: Kırkgöz Havzası (Antalya)**

Kaynarca M., DEMİR N., SAN B. T.

Geomatik, vol.5, no.3, pp.241-245, 2020 (Peer-Reviewed Journal)

4. **Measuring Earthquake-Induced Deformation in the South of Halabjah (Sarpol-e-Zahab) Using Sentinel-1 Data on November 12, 2017**

Günce H. B. , SAN B. T.

Proceedings (MDPI), vol.2, pp.1-6, 2018 (Peer-Reviewed Journal)

5. **Farklı Çevresel Etkilerin Yer Malzemesinin Spektral Yansımasına Etkileri Üzerine Bir Değerlendirme**

SAN B. T. , Nefeslioğlu H. A.

MTA Doğal Kaynaklar ve Ekonomi Bülteni, no.11, pp.38-41, 2011 (Peer-Reviewed Journal)

Books & Book Chapters

1. **Assessment of Academic Performance at Akdeniz University**

ALKAN T. Y. , ÖZBEK F., GÜNAY M., SAN B. T. , KİTAPCI O.

in: Artificial Intelligence and Applied Mathematics in Engineering Problems Proceedings of the International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2019), Hemanth, D.J., Kose, U., Editor, Springer, London/Berlin , Cham, pp.982-995, 2020

2. **Bölüm 5: Optik Spektrumda Çalışan Yer Kaynak Uyduları**

kavak k. ş. , Balık Şanlı F., Şeker D., SAN B. T. , Süzen M. L. , Ünlüsoy D., Abdikan S.

in: Uzaktan Algılama ve Görüntü Yorumlama, Kavak, K. Ş., Editor, Palme Yayın Dağıtım, Ankara, pp.283-384, 2018

3. **Bölüm 4: Çoklu Spektral, Isıl ve Hiperspektral Algılama**

kavak k. ş. , Balık Şanlı F., Şeker D., SAN B. T. , Ünlüsoy D., Süzen M. L. , Abdikan S.

in: Uzaktan Algılama ve Görüntü Yorumlama, Kavak, K. Ş., Editor, Palme Yayın Dağıtım, Ankara, pp.218-282, 2018

4. **ASTER Uydu Verisi Uygulamaları; Türkiye'den Örnekler / Applications of ASTER Data; Examples From Turkey**

SÜMER E. Ö. , SAN B. T. , GÜRÇAY B., Avcı K. M. , DAĞLIYAR A., TEOMAN Ş., TOPÇU T., ÖZGÜNER C.

Matus Basımevi, Ankara, 2006

Refereed Congress / Symposium Publications in Proceedings

1. **Assessment of Academic Performance at Akdeniz University**
ALKAN T. Y. , Ozbek F., GÜNAY M., SAN B. T. , KİTAPCI O.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME), Antalya, Turkey, 20 - 22 April 2019, vol.43, pp.982-995
2. **Assessment of Academic Performance at Akdeniz University**
ALKAN T. Y. , Özbek F., GÜNAY M., SAN B. T. , KİTAPCI O.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering Problems, Antalya, Turkey, 20 - 22 April 2019, vol.1, no.1, pp.982-995
3. **Assessment of Academic Performance at Akdeniz University**
ALKAN T. Y. , Özbek F., GÜNAY M., SAN B. T. , KİTAPCI O.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering Problems, Antalya, Turkey, 20 - 22 April 2019, vol.1, no.1, pp.982-995
4. **Lithological Mapping Using Different Classification Algorithms in Western Antalya, Turkey**
MANAP H. S. , SAN B. T.
18th International Multidisciplinary Scientific GeoConference SGEM 2018, Albena, Bulgaria, 2 - 08 July 2018, vol.18, pp.551-556
5. **Mapping Evaporite Minerals Using Aster TIR Image in Beyazari, Ankara (Turkey)**
Özgün M. E. , SAN B. T.
9th International Symposium on Eastern Mediterranean Geology, Antalya, Turkey, 7 - 11 May 2018, vol.1, pp.241-242
6. **Machine Learning Classification Algorithms: Case Study of Western Antalya, Turkey**
MANAP H. S. , SAN B. T.
9th International Symposium on Eastern Mediterranean Geology, Antalya, Turkey, 7 - 11 May 2018, vol.1, no.1, pp.60-61
7. **Measuring Earthquake Induced Deformation in South of Halabjah (Sarpol-e-Zahab) Using Sentinel1 Data on November 12, 2017**
GÜNCE H. B. , SAN B. T.
2nd International Electronic Conference on Remote Sensing (ECRS2018), Basel, Switzerland, 22 March - 05 April 2018, vol.2, pp.1-6
8. **Katı Atık Depolama Alanı Seçiminde CBS Uygulamaları İçin Kriter Ağırlıklandırma Yazılımı**
CANBAZOĞLU E., AKSOY E., SAN B. T. , İPEKÇİ ÇETİN E.
18. Uluslararası Ekonometri, Yöneylem Araştırması ve İstatistik Sempozyumu, Trabzon, Turkey, 5 - 07 October 2017, pp.207
9. **Using MCDA and GIS for Landfill Site Selection: Central Districts of Antalya Province**
AKSOY E., SAN B. T.
XXIII ISPRS Congress, Prag, Czech Republic, 12 - 19 July 2016, vol.XLI-B2, no.1, pp.151-157
10. **Açık Kaynak Kodlu Yazılımların Coğrafi Bilgi Sistemi (CBS) ve Uzaktan Algılama (UA) Uygulamalarında Jeoloji Mühendisliğine Sağlayacağı Katkılar**
Sümer E. Ö. , Koruyucu M., Gürçay O. B. , SAN B. T. , Ayday C., Yaman N., Sabah L.
69. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 11 - 15 April 2016, vol.1, pp.636-639
11. **Spektral Karışım Analizlerinde Spektral Kütüphane ve XRD Verileri Kullanımı**

- SAN B. T. , SÜZEN M. L.
3. Jeolojik Uzaktan Algılama Sempozyumu (JEOUZAL 2014), Antalya, Turkey, 13 - 14 March 2014, vol.1, pp.21-22
12. **Multi-level Image Processing of ASTER Data for Clay Mineral Mapping**
SAN B. T. , SÜZEN M. L.
European Clay Conference, Euroclay 2011, Antalya, Turkey, 26 June - 01 July 2011, pp.150
13. **Kızıl Ötesi Yansıma ve Yayılım Verilerinin Litolojik Haritalamada Kullanımı**
SAN B. T. , GÜRÇAY B.
II. Ulusal Jeolojik Uzaktan Algılama Sempozyumu (JEOUZAL 2010), Ankara, Turkey, 4 - 05 November 2010, pp.5-6
14. **Yerbilimleri ve Çevresel Çalışmalarda Yeni Bir Boyut: Worldview-2; Gökova Körfezi Tatlı Su Boşalım Alanları ve Kıyı Kirliliği Projesi Test Çalışması**
SAN B. T. , Alkeveli T. , Öztan S. N. , Özbilge T.
II. Ulusal Jeolojik Uzaktan Algılama Sempozyumu (JEOUZAL 2010), Ankara, Turkey, 4 - 05 November 2010, pp.27-28
15. **Spektral Karışım Analizlerinde Ultra-spektral Veri ile Hiperspektral Veri Entegrasyonu**
SAN B. T. , SÜZEN M. L.
Prof. Dr. Ahmet Ayhan, Prof. Dr. Yüksel Aydın, ve Prof Dr. Sedat TEMUR anısına 35. Yıl Jeoloji Sempozyumu, Konya, Turkey, 4 - 07 October 2010, pp.156-157
16. **Evaluation of Different Atmospheric Correction Algorithms for EO-1 Hyperion Imagery**
SAN B. T. , SÜZEN M. L.
ISPRS Technical Commission VII Symposium, Kyoto, Japan, 1 - 04 August 2010, vol.XXXVIII, pp.392-397
17. **Güneydoğu Marmara Bölgesi, 1:100.000 Ölçekli Heyelan Duyarlılık Haritaları**
SAN B. T. , Nefeslioğlu H. A. , DUMAN T. Y. , Muraoka H.
I.Ulusal Jeolojik Uzaktan Algılama Sempozyumu, Sivas, Turkey, 22 - 23 May 2008, pp.15-16
18. **Hyperion görüntülerinde CTIC (Uçuş Yönüne Dik Aydınlanma Düzeltmesi) tespit edilmesi ve değerlendirmesi**
SAN B. T. , SÜZEN M. L.
I.Ulusal Jeolojik Uzaktan Algılama Sempozyumu, Sivas, Turkey, 22 - 23 May 2008, pp.17
19. **Türkiye Jeoloji Bilgi Bankası**
SAN B. T. , GÜRLER G.
TMMOB Coğrafi Bilgi Sistemleri 2007, Trabzon, Turkey, 01 October 2007, no.103, pp.1-9
20. **Comparison of Atmospheric Correction Techniques for Hyperion Data**
SAN B. T. , SÜZEN M. L.
ISPRS COMMISSION VII, WG2 & WG7, Conference on Information Extraction from SAR and Optical Data, with Emphasis on Developing Countries, İstanbul, Turkey, 1 - 04 May 2007, vol.1, pp.1-6
21. **Uzaktan algılama verilerinin heyelan duyarlılık haritalarının üretilmesindeki kullanım potansiyeli: Kelemen ve Merer Havzaları**
SAN B. T. , Nefeslioğlu H. A. , DUMAN T. Y. , Muraoka H., Araki T.
VI. Türkiye Kuvaterner Sempozyumu, İstanbul, Turkey, 01 January 2007, pp.1
22. **Pınarbaşı, Bünyan, Akkışla Bölgesinin ASTER Uydu Verisi Yardımıyla Mineral Haritalaması**
SAN B. T. , GÜRÇAY B. , SÜMER E. Ö. , PEKESİN B. , KORUYUCU M.
30. Yıl Fikret Kutman Jeoloji Sempozyumu, Konya, Turkey, 20 - 23 September 2006, pp.1
23. **Applying data mining method for detecting landslide susceptible area by using ASTER (2)**
SAN B. T. , Nefeslioğlu H., Muraoka H., Araki T.
The 40th Conference of the Remote Sensing Society of Japan, Chiba, Japan, 18 - 19 May 2006, pp.169-170
24. **Aster L3a Verisinin Heyelan Duyarlılık Haritası Üretiminde Kullanılması Kelemen Havzası**
NEFESLİOĞLU H. A. , SAN B. T. , Duman T. Y.
Mühendisliğinde Çağdaş Yaklaşımlar Sempozyumu, Denizli, Turkey, 01 May 2006, pp.73-80
25. **Hiperspektral Uyduların Yerbilimlerindeki Uygulamaları, Çağrılı Konuşmacı**
SAN B. T.
59. Jeoloji Kurultayı, Ankara, Turkey, 20 - 24 March 2006, pp.441-442
26. **An approach to evaluate the accuracy of satellite derived digital elevation models (DEM) for**

environmental geoscience

SAN B. T. , Nefeslioğlu H. A. , SÜZEN M. L.

59. Jeoloji Kurultayı, Ankara, Turkey, 20 - 24 March 2006, pp.443-444

27. **Applying data mining method for detecting landslide susceptible area by using ASTER**
SAN B. T. , Nefeslioğlu H. A. , Muraoka H., Araki T.
The 38th Conference of the Remote Sensing Society of Japan, Chiba, Japan, 20 May 2005, pp.1-6
28. **ASTER Verisi ile Alunit ve Kaolen minerallerinin Belirlenmesi**
SAN B. T. , SÜMER E. Ö. , GÜRÇAY B., KORUYUCU M.
57. Jeoloji Kurultayı, Ankara, Turkey, 11 - 17 April 2005, pp.206
29. **ASTER Verisinden Üretilen Sayısal Yükseklik Modellerinin Doğruluk Değerlendirmesi**
SAN B. T. , SÜZEN M. L.
57. Jeoloji Kurultayı, Ankara, Turkey, 11 - 17 April 2005, pp.206
30. **Practical Detection of Coastline Changes of Yeşilirmak Delta Using Remote Sensing and GIS Techniques, Northern Turkey**
Avcı K. M. , Erkal T., SAN B. T.
International Symposium on Earth System Sciences, İstanbul, Turkey, 1 - 04 September 2004, vol.1, pp.363-370
31. **Comparison of Band Ratioing and Spectral Indices Methods for detecting Alunite and Kaolinite Minerals Using Aster Data in Biga Region, Turkey**
SAN B. T. , SÜMER E. Ö. , GÜRÇAY B.
XXth ISPRS Congress, İstanbul, Turkey, 1 - 04 July 2004, vol.XXXV-A, pp.77-82
32. **Multi-Level Analysis of Space and Aerial Images for Detecting Earthquake Induced Changes in Golcuk, Turkey**
SAN B. T. , TÜRKER M.
International Symposium on GIS, İstanbul, Turkey, 1 - 04 September 2002, vol.1, pp.23-26
33. **Earthquake Damage Assessment of Buildings from Aerial Photographs**
SAN B. T. , TÜRKER M.
the 3rd International Symposium Remote Sensing of Urban Areas, İstanbul, Turkey, 1 - 04 June 2002, vol.2, pp.633-640

Academic and Administrative Experience

2017 - 2020	Rector's Advisor	Akdeniz University, Rektörlük / Araştırma
2016 - 2020	BAP Scientific Commissioner	Akdeniz University, Rectorate
2016 - 2017	Rector's Advisor	Akdeniz University, Rectorate
2013 - 2017	Board Member	Akdeniz University, Akuzal, Uzaktan Algılama Araştırma Ve Uygulama Merkezi
2014 - 2016	Deputy Head of Department	Akdeniz University, Faculty of Engineering, Jeoloji Mühendisliği
2013 - 2016	Head of Department	Akdeniz University, Faculty of Engineering, Jeoloji Mühendisliği

Courses

Urban Geology and Planning, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Geographical Information Systems, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018,

2016 - 2017, 2015 - 2016, 2014 - 2015

Hyperspectral Image Processing and Analyses, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Bitirme Çalışması, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Computer Sciences (Python Programming), Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Digital Image Processing Techniques, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Remote Sensing, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Hyperspectral Data Analysis Techniques, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Çevre Mühendisliğinde Uzaktan Algılama ve CBS Uygulamaları, Undergraduate, 2018 - 2019, 2017 - 2018, 2014 - 2015

Yer Bilimleri için İleri Uzaktan Algılama, Postgraduate, 2018 - 2019, 2017 - 2018

Bitirme Çalışması, Undergraduate, 2017 - 2018, 2016 - 2017

UZAKTAN ALGILAMA VE CBS ENTEGRASYONU, Postgraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Bitirme Çalışması, Undergraduate, 2014 - 2015

Seminer, Undergraduate, 2013 - 2014, 2012 - 2013

FOTOJEOLJİ, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Seminer, Undergraduate, 2014 - 2015

YER BİLİMLERİNDECOĞRAFİ BİLGİ SİSTEMLERİ UYGULAMALARI, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

YER BİLİMLERİ İÇİN İLERİ UZAKTAN ALGILAMA, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

Temel Blgisayar ve Algoritma, Undergraduate, 2012 - 2013

Temel Blgisayar ve Algoritma (II.Ö), Undergraduate, 2012 - 2013

Advising Theses

San B. T. , Optik ve Radar Uzaktan Algılama Görüntüleri Kullanılarak Litolojik Birimlerin Farklı Sınıflandırma Teknikleri ile Karşılaştırılması, Doctorate, H.SEVAL(Student), 2022

San B. T. , Mineral haritalanması için yeni bir görüntü kaynaştırma yaklaşımı, Postgraduate, M.ENES(Student), 2022

San B. T. , Orman yangını kaynaklı değişimlerin farklı çözünürlükteki uydu görüntüleri kullanılarak tespit edilmesi:

Antalya Kumluca örneği, Postgraduate, A.BALSAK(Student), 2021

San B. T. , Batı Antalya heyelanlarının sar interferometrisi ile incelenmesi, Postgraduate, H.Beran(Student), 2019

San B. T. , Alakır Çayı (Antalya) havzasının uzaktan algılama ve coğrafi bilgi sistemleri kullanılarak heyelan duyarlılık haritalaması, Postgraduate, M.Ada(Student), 2018

San B. T. , Uzaktan algılama ve Coğrafi Bilgi Sistemleri kullanılarak Antalya ili katı atık deponi alanı belirlenmesi, Postgraduate, E.AKSOY(Student), 2016

Activities in Scientific Journals

FRONTIERS IN EARTH SCIENCE, Committee Member, 2021 - Continues

Turkish Journal of Earth Sciences (SCI / SCI-exp), Committee Member, 2018 - Continues

International Journal of Engineering & Applied Sciences, Committee Member, 2011 - 2016

Memberships / Tasks in Scientific Organizations

TMMOB Jeoloji MÜhendisleri Odası, Member, 1998 - Continues

Türkiye Ulusal Fotogrametri ve Uzaktan Algılama Birliği (TUFUAB), Board Member, 2004 - 2011

Scientific Refereeing

REMOTE SENSING, SCI Journal, November 2022
REMOTE SENSING, SCI Journal, November 2022
SUSTAINABILITY, SCI Journal, November 2022
SUSTAINABILITY, SCI Journal, October 2022
REMOTE SENSING, SCI Journal, October 2022
SENSORS, SCI Journal, October 2022
REMOTE SENSING, SCI Journal, September 2022
Resilience , National Scientific Refreed Journal, September 2022
FRONTIERS IN EARTH SCIENCE, SCI Journal, May 2022
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, SCI Journal, April 2022
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, SCI Journal, April 2022
TURKISH JOURNAL OF EARTH SCIENCES, SCI Journal, April 2022
COMPUTERS AND ELECTRONICS IN AGRICULTURE, SCI Journal, March 2022
COMPUTERS AND ELECTRONICS IN AGRICULTURE, SCI Journal, March 2022
SENSORS, SCI Journal, March 2022
COATINGS, SCI Journal, January 2022
APPLIED SCIENCES-BASEL, Journal Indexed in SCI-E, December 2021
REMOTE SENSING, Journal Indexed in SCI-E, December 2021
TUBITAK Project, 1003 - Priority Areas R&D Projects Support Program, Cukurova University, Turkey, November 2021
COMPUTERS & GEOSCIENCES, SCI Journal, October 2021
Environmental Challenges, Other Indexed Journal, September 2021
Computers & Geosciences (SCI / SCI-exp), SCI Journal, July 2021
Computers & Geosciences (SCI / SCI-exp), SCI Journal, July 2021
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkey, July 2021
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, March 2021
Sustainable Cities and Society (SCI-exp), SCI Journal, March 2021
Geodinamica Acta (SCI), SCI Journal, March 2021
Engineering Geology (SCI), SCI Journal, March 2021
Computers & Geosciences (SCI / SCI-exp), SCI Journal, January 2021
Akdeniz Tip Dergisi, National Scientific Refreed Journal, August 2020
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey, June 2020
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Karadeniz Technical University, Turkey, June 2020
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Karadeniz Technical University, Turkey, June 2020
Computers & Geosciences (SCI / SCI-exp), SCI Journal, September 2019
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, September 2019
Environmental Science and Pollution Research (SCI / SCI-exp), SCI Journal, August 2019
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, August 2019
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, July 2019
Computers & Geosciences (SCI / SCI-exp), SCI Journal, July 2019
Computers & Geosciences (SCI / SCI-exp), SCI Journal, June 2019
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey, June 2019
Journal of Mountain Science, SCI Journal, April 2019
Engineering Geology (SCI / SCI-exp), SCI Journal, April 2019
European Journal of Remote Sensing (SCI / SCI-exp), SCI Journal, April 2019
Arabian Journal of Geosciences (SCI / SCI-exp), SCI Journal, April 2019
Computers & Geosciences (SCI / SCI-exp), SCI Journal, April 2019
Turkish Journal of Earth Sciences (SCI / SCI-exp), SCI Journal, February 2019

Arabian Journal of Geosciences (SCI / SCI-exp), SCI Journal, February 2019
Landslides (SCI/SCI-exp), SCI Journal, December 2018
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, December 2018
November 2018
November 2018
November 2018
November 2018
International Journal of Remote Sensing (SCI/SCI-exp), SCI Journal, October 2018
Computers & Geosciences (SCI / SCI-exp), SCI Journal, October 2018
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, August 2018
Bulletin of the Mineral Research and Exploration (ESCI), Other Indexed Journal, June 2018
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, May 2018
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, May 2018
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, May 2018
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, April 2018
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, February 2018
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, February 2018
Bulletin of the Mineral Research and Exploration (ESCI), Other Indexed Journal, January 2018
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, December 2017
Landslides (SCI/SCI-exp), SCI Journal, October 2017
Computers & Geosciences (SCI / SCI-exp), SCI Journal, October 2017
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, September 2017
International Journal of Digital Earth (SCI / SCI-exp), SCI Journal, September 2017
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, September 2017
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, June 2017
Landslides (SCI/SCI-exp), SCI Journal, May 2017
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, May 2017
Journal of Spatial Science (SCI / SCI-exp), SCI Journal, April 2017
Frontiers of Earth Science (SCI / SCI-exp), SCI Journal, March 2017
International Journal of Remote Sensing (SCI / SCI-exp), SCI Journal, March 2017
Computers & Geosciences (SCI / SCI-exp), SCI Journal, February 2017
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, February 2017
Computers & Geosciences (SCI / SCI-exp), SCI Journal, February 2017
Environmental Science and Pollution Research (SCI / SCI-exp), SCI Journal, February 2017
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, January 2017
Frontiers of Earth Science (SCI / SCI-exp), SCI Journal, January 2017
Computers & Geosciences (SCI / SCI-exp), SCI Journal, November 2016
International Journal of Remote Sensing Letters (SCI / SCI-exp), SCI Journal, November 2016
Computers & Geosciences (SCI / SCI-exp), SCI Journal, October 2016
Frontiers of Earth Science (SCI / SCI-exp), SCI Journal, October 2016
Landslides (SCI/SCI-exp), SCI Journal, October 2016
Environmental Science and Pollution Research (SCI / SCI-exp), SCI Journal, September 2016
Computers & Geosciences (SCI / SCI-exp), SCI Journal, September 2016
Computers & Geosciences (SCI / SCI-exp), National Scientific Refreed Journal, September 2016
Computers & Geosciences (SCI / SCI-exp), SCI Journal, August 2016
International Journal of Remote Sensing (SCI / SCI-exp), SCI Journal, August 2016
Computers & Geosciences (SCI / SCI-exp), SCI Journal, June 2016
Arabian Journal of Geosciences (SCI / SCI-exp), SCI Journal, June 2016
Computers & Geosciences (SCI / SCI-exp), SCI Journal, June 2016
Computers & Geosciences (SCI / SCI-exp), SCI Journal, April 2016
Computers & Geosciences (SCI / SCI-exp), SCI Journal, April 2016

Arabian Journal of Geosciences (SCI / SCI-exp), SCI Journal, March 2016
Computers & Geosciences (SCI / SCI-exp), SCI Journal, February 2016
Frontiers of Earth Science (SCI / SCI-exp), SCI Journal, February 2016
International Society for Photogrammetry and Remote Sensing (ISPRS) 2016 - 1942, Other journals, January 2016
Landslides (SCI/SCI-exp), SCI Journal, January 2016
International Society for Photogrammetry and Remote Sensing (ISPRS) 2016 - 546, Other journals, January 2016
International Society for Photogrammetry and Remote Sensing (ISPRS) 2016 - 591, Other journals, January 2016
Computers & Geosciences (SCI / SCI-exp), SCI Journal, January 2016
International Society for Photogrammetry and Remote Sensing (ISPRS) 2016 - 643, Other journals, January 2016
International Society for Photogrammetry and Remote Sensing (ISPRS) 2016 - 279, Other journals, January 2016
International Society for Photogrammetry and Remote Sensing (ISPRS) 2016 - 223, Other journals, January 2016
Computers & Geosciences (SCI / SCI-exp), SCI Journal, November 2015
Landslides (SCI/SCI-exp), SCI Journal, September 2015
Journal of the Indian Society of Remote Sensing (SCI/SCI-exp), SCI Journal, August 2015
Landslides (SCI/SCI-exp), SCI Journal, June 2015
International Journal of Information Technology & Decision Making (SCI / SCI-exp), SCI Journal, May 2015
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, May 2015
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, April 2015
Turkish Journal of Earth Sciences (SCI / SCI-exp), SCI Journal, April 2015
Landslides (SCI/SCI-exp), SCI Journal, April 2015
TUBITAK Project, April 2015
Project Supported by Higher Education Institutions, April 2015
Landslides (SCI/SCI-exp), SCI Journal, March 2015
Project Supported by Higher Education Institutions, February 2015
International Journal of Information Technology & Decision Making (SCI / SCI-exp), SCI Journal, January 2015
Turkish Journal of Earth Sciences (SCI / SCI-exp), SCI Journal, January 2015
Turkish Journal of Earth Sciences (SCI / SCI-exp), SCI Journal, September 2014
TPJD Bülteni (Türkiye Petrol Jeologları Derneği), National Scientific Refreed Journal, September 2014
Computers & Geosciences (SCI / SCI-exp), SCI Journal, September 2014
Computers & Geosciences (SCI / SCI-exp), SCI Journal, August 2014
Journal of Mountain Science (SCI / SCI-exp), SCI Journal, August 2014
Bulletin of the Mineral Research and Exploration, National Scientific Refreed Journal, August 2014
Computers & Geosciences (SCI / SCI-exp), SCI Journal, July 2014
Journal of Mountain Science (SCI / SCI-exp), SCI Journal, June 2014
Bulletin of the Mineral Research and Exploration, National Scientific Refreed Journal, May 2014
Computers & Geosciences (SCI / SCI-exp), SCI Journal, May 2014
Frontiers of Earth Science (SCI / SCI-exp), SCI Journal, April 2014
Earth Science Informatics (SCI / SCI-exp), SCI Journal, March 2014
Project Supported by Higher Education Institutions, March 2014
Computers & Geosciences (SCI / SCI-exp), SCI Journal, February 2014
Computers & Geosciences (SCI / SCI-exp), SCI Journal, February 2014
Arabian Journal of Geosciences (SCI / SCI-exp), SCI Journal, January 2014
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, January 2014
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, November 2013
African Journal of Environmental Science and Technology, Other Indexed Journal, September 2013
Bulletin of Engineering Geology and the Environment (SCI / SCI-exp), SCI Journal, July 2013
Journal of Geodesy and Geoinformation, National Scientific Refreed Journal, November 2012
Journal of Environmental Informatics (SCI / SCI-exp), SCI Journal, March 2011

Tasks In Event Organizations

San B. T. , 3. Jeolojik Uzaktan Algılama Sempozyumu (JEOUZAL 2014), Scientific Congress, Antalya, Turkey, Mart 2014

Metrics

Publication: 57

Citation (WoS): 385

Citation (Scopus): 490

H-Index (WoS): 11

H-Index (Scopus): 11

Congress and Symposium Activities

II. Antalya İçme Suyu ve Sorunları Sempozyumu (AİSS 2015), Attendee, Antalya, Turkey, 2015

2nd International Urban Regeneration Symposium: R2014 Land Management, Attendee, Antalya, Turkey, 2014

59. Jeoloji Kurultayı, Invited Speaker, Ankara, Turkey, 2006

Invited Talks

59th. Turkish Geological Congress, Seminar, Chamber of Geological Engineers, Turkey, March 2006

Research Areas

Geotechnical Engineering, Geographic Information Systems, Remote sensing, Image Processing, Geological Engineering, Applied Geology, Multi-Criteria Decision Making Analysis, Engineering and Technology

Non Academic Experience

Other Public Institution, General Directorate of Mineral Research and Exploration , Geological Research Department, Remote Sensing and GIS Division

Other Public Institution, General Directorate of Mineral Research and Exploration, Geological Research Department, Remote Sensing and GIS Division