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Personal Information

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Publons / Web Of Science ResearcherID: G-1492-2019

ScopusID: 8714829900

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Education Information

Doctorate, Istanbul Technical University, İnşaat Fakültesi, Çevre, Turkey 1983 - 1990

Postgraduate, Istanbul Technical University, Temel Bilimler, Meteoroloji, Turkey 1980 - 1982

Undergraduate, Istanbul Technical University, Temel Bilimler, Meteoroloji, Turkey 1973 - 1980

Masters (Non-Thesis), Université Louis Pasteur, Fizik, France 1975 - 1977

Foreign Languages

English, C1 Advanced

French, C1 Advanced

Certificates, Courses and Trainings

Other, Environment Economics for Development Policy, World Bank Institute, 2000

Research Areas

Environmental Engineering, Environmental Technology, Waste Water Collection and Treatment, Environmental Policies, Environmental Management, Water Pollution and Control, Water Supply and Treatment, Engineering and Technology

Academic Titles / Tasks

Professor, Istanbul University, Deniz Bilimleri ve İşletmeciliği Enstitüsü, Deniz Bilimleri ve İşletmeciliği Bölümü, 1998 - Continues

Academic and Administrative Experience

İstanbul Üniversitesi, Deniz Bilimleri ve İşletmeciliği Enstitüsü, 2015 - Continues

Courses

Sınır Aşan Sular, Postgraduate, 2021 - 2022
Kıyı Alanları Yönetimi, Postgraduate, 2021 - 2022
Atmosfer, Oşinografi ve Çevre İlişkileri, Doctorate, 2021 - 2022
Su Kaynakları Yönetimi, Postgraduate, 2021 - 2022
Akdeniz Ülkelerinde Su Politikaları, Doctorate, 2021 - 2022
Denizel Çevrenin Korunması, Postgraduate, 2021 - 2022
Havza Yönetimi, Doctorate, 2021 - 2022
Denizel Çevre Problemleri ve ÇED, Doctorate, 2021 - 2022

Advising Theses

Burak Z. S., Tuna Nehir Havzası'ndaki Kirliliğin Karadeniz'e Olan Etkilerinin Coğrafi Bilgi Sistemi ile İncelenmesi, Doctorate, M.Vurgun(Student), Continues
Burak Z. S., Kıyı Sularında Petrol Kirliliği Taşınımının CBS Tabanlı Modellenmesi, Doctorate, D.ÜLKER(Student), Continues
BURAK Z. S., İklim Değişikliğinin Mauritius Kıyı Alanına Etkileri, Postgraduate, Y.Devi(Student), 2015
BURAK Z. S., İSTANBUL İLİNDEKİ DOLGU ALANLARININ SEÇİLEN ÖRNEKLERDE KAMUSAL VE ÇEVRESEL AÇIDAN İNCELENMESİ, Postgraduate, M.Emrah(Student), 2014
BURAK Z. S., Geleneksel Balıkçılık Alanlarının Deniz Yetki Alanlarının Belirlenmesine Etkileri, Doctorate, K.Özden(Student), 2013
BURAK Z. S., Haliç'te Mikrobiyal Su Kalitesinin Membran Filtrasyon ve Kantitatif Polimeraz Zincir Reaksiyonu (qPCR) Yöntemleriyle Değerlendirilmesi, Doctorate, S.Zeki(Student), 2012
BURAK Z. S., Tehlikeli Maddelerin Deniz Yolunda Taşınması ve Risk Yönetimi: Türk Boğazlar Bölgesi Örneği, Doctorate, Ö.Faruk(Student), 2012
BURAK Z. S., Atatürk Dönemi Türk Deniz Politikası, Doctorate, Y.Karlıklı(Student), 2012
BURAK Z. S., Gemlik Bölgesinde Kıyı Alanlarının Yönetim Planlaması Önerisi, Postgraduate, S.Canlı(Student), 2008
BURAK Z. S., Ege Denizindeki Aidiyeti Tartışmalı Coğrafi Formasyonların Hukuki Durumu, Postgraduate, R.Zafer(Student), 2007
BURAK Z. S., Limanlarda Kıyı Yapısı Değişikliklerinin Liman Trafikğine olan Etkilerinin Modellenmesi, Postgraduate, F.Kabal(Student), 2007
BURAK Z. S., Özel Duyarlı Deniz Alanları ve Türk Boğazlar Bölgesi, Postgraduate, K.Özden(Student), 2006
BURAK Z. S., İstanbul Boğazında Gemi Kaynaklı Çevre Sorunları, Postgraduate, A.Tokuşlu(Student), 2005
BURAK Z. S., Uluslararası Taşımacılığın Türk Boğazlarının Güvenliğine Etkileri, Postgraduate, M.Ünlü(Student), 2004
BURAK Z. S., Türkiye'nin Sınır Aşan Sularının Uluslararası Stratejiler Bakımından Değerlendirilmesi, Postgraduate, E.Çora(Student), 2003
BURAK Z. S., Gemi Kaynaklı Deniz Kirliliğini Önlemeye Yönelik Ulusal ve Uluslararası Düzenlemeler ile AB Müktesebatının İncelenmesi, Postgraduate, A.Altuntaş(Student), 2003
BURAK Z. S., Karadeniz Elektronik Deniz Ulaşım Sistemi, Postgraduate, H.Şayan(Student), 2002
BURAK Z. S., Karadeniz'de Mevcut Durum ile Ekonomik, Askeri ve Siyasi Oluşumların İncelenmesi, Postgraduate, H.Nihat(Student), 2002
BURAK Z. S., Ülkemizde Deniz Araştırma Çalışmalarını Düzenleyen Esas ve Usullerin İncelenmesi, Postgraduate, H.Mehmet(Student), 2002
BURAK Z. S., Akdeniz Eylem Planının Türk-Yunan İlişkilerine Etkisi, Postgraduate, B.Kurt(Student), 2002
BURAK Z. S., Kıyı Yapılarında (Limanlarda) ÇED Uygulamaları . (ALTAŞ Ambarlı Liman Kompleksi Kıyı Tesisleri), Postgraduate, B.Çakmak(Student), 2001
BURAK Z. S., Çevresel Etki Değerlendirmesinin Ulusal ve Uluslararası Uygulamaları, Postgraduate, B.Sevgen(Student),

Jury Memberships

- Doctorate, Doktora Jürisi, İstanbul Üniversitesi, January, 2014
 Doctorate, DOKTORA, İÜ DENİZ BİLİMLERİ VE İŞLETMECİLİĞİ ENSTİTÜSÜ, January, 2013
 Doctoral Examination, Doktora Yeterlilik, Deniz Bilimleri ve İşletmeciliği, January, 2013
 Doctorate, DOKTORA, İÜ DENİZ BİLİMLERİ VE İŞLETMECİLİĞİ ENSTİTÜSÜ, January, 2013
 Doctorate, Doktora, İstanbul Teknik Üniversitesi, January, 2010
 Doctorate, Doktora tez Savunma, İTÜ, January, 2008
 Doctorate, Doktora, İstanbul Teknik Üniversitesi, January, 2004

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Ranking willingness to reuse water in cotton irrigation with hybrid MCDM methods: Soke plain case study**
 Burak S., Samanlıoğlu F., Ülker D., Kup E. T.
 Agricultural Water Management, vol.301, 2024 (SCI-Expanded)
- II. **Optimization of wastewater treatment systems for growing industrial parks**
 SAVUN HEKİMOĞLU B., İşler Z., Hekimoğlu M., BURAK Z. S., Karlı D., Yücekaya A., Akpınar E., Ediger V. Ş.
 Science of the Total Environment, vol.905, 2023 (SCI-Expanded)
- III. **Evaluation of irrigation methods in Soke Plain with HF-AHP-PROMETHEE II hybrid MCDM method**
 Burak S., Samanlıoğlu F., Ülker D.
 AGRICULTURAL WATER MANAGEMENT, vol.271, 2022 (SCI-Expanded)
- IV. **Occurrence, sources and environmental risk assessment of pharmaceuticals in the Sea of Marmara, Turkey**
 E. Korkmaz N., Savun-Hekimoğlu B., Aksu A., Burak Z. S., Çağlar N. B.
 SCIENCE OF THE TOTAL ENVIRONMENT, vol.819, 2022 (SCI-Expanded)
- V. **Mathematical modelling of oil spill weathering processes for contingency planning in Izmit Bay**
 ÜLKER D., Burak S., BALAS L., ÇAĞLAR N.
 REGIONAL STUDIES IN MARINE SCIENCE, vol.50, 2022 (SCI-Expanded)
- VI. **Assessment and simulation of water transfer for the megacity Istanbul**
 Burak S., Bilge A. H., ÜLKER D.
 PHYSICAL GEOGRAPHY, vol.43, no.6, pp.784-808, 2022 (SCI-Expanded)
- VII. **Evaluation of water supply alternatives for Istanbul using forecasting and multi-criteria decision making methods**
 Savun-Hekimoğlu B., Erbay B., Hekimoğlu M., Burak S.
 JOURNAL OF CLEANER PRODUCTION, vol.287, 2021 (SCI-Expanded)
- VIII. **Occurrence of a human-associated microbial source tracking marker and its relationship with faecal indicator bacteria in an urban estuary**
 Zeki S., Aslan A., Burak S., Rose J.
 LETTERS IN APPLIED MICROBIOLOGY, no.2, pp.167-177, 2021 (SCI-Expanded)
- IX. **COMPUTATION OF MONTHLY RUNOFF COEFFICIENTS FOR ISTANBUL**
 Burak S., Bilge A. H., ÜLKER D.
 THERMAL SCIENCE, vol.25, no.2, pp.1561-1571, 2021 (SCI-Expanded)
- X. **Challenges for drought assessment in the Mediterranean region under future climate scenarios**
 Trambly Y., Koutroulis A., Samaniego L., Vicente-Serrano S. M., Volaire F., Boone A., Le Page M., Carmen Llasat M., Albergel C., Burak S., et al.
 EARTH-SCIENCE REVIEWS, vol.210, 2020 (SCI-Expanded)

- XI. **Urban and Industrial Water Uses**
Burak S., Mat H.
WATER RESOURCES OF TURKEY, vol.2, pp.341-398, 2020 (SCI-Expanded)
- XII. **Water Management in the Mediterranean Region: Concepts and Policies**
Burak S., Margat J.
WATER RESOURCES MANAGEMENT, vol.30, no.15, pp.5779-5797, 2016 (SCI-Expanded)
- XIII. **ICZM AND THE SEA OF MARMARA: THE ISTANBUL CASE**
GAZIOĞLU C., Akkaya M. A., BALTAOĞLU S., BURAK Z. S.
SEA OF MARMARA: MARINE BIODIVERSITY, FISHERIES, CONSERVATION AND GOVERNANCE, pp.935-957, 2016 (SCI-Expanded)
- XIV. **Foreseeable impacts of sea level rise on the southern coast of the Marmara Sea (Turkey)**
Gazioglu C., Burak S., Alpar B., Turker A., Barut I. F.
Water Policy, vol.12, no.6, pp.932-943, 2010 (SCI-Expanded)
- XV. **Municipal water demand and efficiency analysis: Case studies in Turkey**
Burak S., Mat H.
WATER POLICY, vol.12, no.5, pp.695-706, 2010 (SCI-Expanded)
- XVI. **Environmental Stress Created by Chemical Pollution in the Marmara Sea (Turkey)**
Burak S., Unlu S., Gazioglu C.
ASIAN JOURNAL OF CHEMISTRY, vol.21, no.4, pp.3166-3174, 2009 (SCI-Expanded)
- XVII. **Evaluation of pollution abatement policies in the Marmara Sea with water quality monitoring**
Burak S.
ASIAN JOURNAL OF CHEMISTRY, vol.20, no.5, pp.4117-4128, 2008 (SCI-Expanded)
- XVIII. **Ship-originated pollution in the Istanbul Strait (Bosphorus) and Marmara Sea**
Dogan E., Burak S.
JOURNAL OF COASTAL RESEARCH, vol.23, no.2, pp.388-394, 2007 (SCI-Expanded)
- XIX. **Impact of urbanization and tourism on coastal environment**
Burak S., Dogan E., Gazioglu C.
OCEAN & COASTAL MANAGEMENT, vol.47, pp.515-527, 2004 (SCI-Expanded)
- XX. **INSTITUTIONAL AND LEGISLATIVE STRUCTURE OF WATER-QUALITY MANAGEMENT IN TURKEY**
BURAK Z. S., Gönenç E., Erol A.
WATER SCIENCE AND TECHNOLOGY, vol.30, no.5, pp.261-268, 1994 (SCI-Expanded)

Articles Published in Other Journals

- I. **Evaluation of Anthropogenic Pressure in the Sea of Marmara Considering Mucilage Events**
Deryal G., Ülker D., Burak Z. S.
Turkish Journal of Water Science and Management, vol.7, no.2, pp.1-12, 2023 (Peer-Reviewed Journal)
- II. **The Legal Framework of Water Quality Management in Turkey**
Burak S., Zeki S., Ülker D., Bayırhan İ.
Turkish Journal of Water Science and Management, vol.6, no.1, pp.121-144, 2022 (Peer-Reviewed Journal)
- III. **A Comparative MCDM Analysis of Potential Short-Term Measures for Dealing with Mucilage Problem in the Sea of Marmara**
Savun Hekimoğlu B., Erbay B., Burak Z. S., Gazioglu C.
International Journal of Environment and Geoinformatics, vol.8, no.4, pp.572-580, 2021 (Peer-Reviewed Journal)
- IV. **Assessment and Comparison of Commonly Used Eutrophication Indexes**
Ülker D., Bayırhan İ., Burak Z. S.
TURKISH JOURNAL OF WATER SCIENCE & MANAGEMENT, vol.4, no.1, pp.4-30, 2020 (Peer-Reviewed Journal)
- V. **A Study About Using Animal Waste Generated in Livestock Carriers in Biogas Plants**
ÜLKER D., BURAK Z. S.
Academia Journal of Engineering and Applied Sciences, pp.331-338, 2017 (Peer-Reviewed Journal)

- VI. **A network model simulation proposal for river basin management plans (RBMPs) in Turkey**
Burak Z. S., Bilge A. H., Ülker D.
EUROPEAN WATER, vol.57, pp.231-236, 2017 (Peer-Reviewed Journal)
- VII. **Su Kaynaklarında Sürdürülebilir Yaklaşım Talep Yönetimi**
BURAK Z. S.
Su Kaynaklarında Sürdürülebilir Yaklaşım Talep Yönetimi, TMMOB Su Politikaları Kongresi, vol.1, pp.1-10, 2006 (Peer-Reviewed Journal)
- VIII. **Success Stories in Water Conservation in the Mediterranean Region**
Vidal A., Comeau A., Nazzal Y., Essafi B., BURAK Z. S., Lebdi F., Nepveu de Villemarceau A.
GRID, vol.17, 2001 (Peer-Reviewed Journal)
- IX. **“Avrupa Birliği Sürecinde Türkiye’nin Entegre Su Kaynakları Yönetim Sistemi ve Sürdürülebilirlik**
BURAK Z. S.
Katı Atık Kirlenmesi Araştırma ve Denetimi (Türk Milli Komitesi) Katı Atık ve Çevre Dergisi, 2000, no.6, pp.1-9, 2000 (Peer-Reviewed Journal)
- X. **“Tools for A Mediterranean Cooperation, Akdeniz Havzasında İşbirliği Yöntemleri” Turkish Journal Marine Sciences, 3 (1):41-46, 1997.**
BURAK Z. S.
Turkish Journal Marine Sciences, vol.3, pp.41-46, 1997 (Peer-Reviewed Journal)
- XI. **Coastline changes and inadequate management between Kilyos and Karaburun shoreline**
Gazioglu C., Burak S., Yücel Z. Y., Okuş E., ALPAR Ş. B.
Turkish Journal of Marine Sciences, vol.3, no.2, pp.111-122, 1997 (Peer-Reviewed Journal)
- XII. **“Sakarya Nehri Havzasında Su Kalitesi Modellemesi**
BURAK Z. S.
DSİ Dergisi, vol.1, pp.143-153, 1997 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Thornthwaite’s Method for the Computation of the Water Balance**
Burak Z. S., Bilge A. H., Ülker D.
in: Climate Change, Natural Resources and Sustainable Environmental Management, Hüseyin Gökçekuş, Youssef Kassem, Editor, Springer Nature, Zug, pp.339-347, 2022
- II. **Urban and Industrial Water Uses**
BURAK Z. S., Mat H.
in: Water Resources of Turkey, Harmancioglu N. B., Altinbilek D., Editor, Springer International Publishing, Cham, pp.341-398, 2020
- III. **A Proposal for the Integrated Management of the Sea of Marmara**
ÖZTÜRK B., BURAK Z. S., Beken Ç.
in: The Sea of Marmara Marine Biodiversity, Fisheries, Conservation and Governance, E.Özsoy, M.N.Çağatay, N.Balkıs, N.Nalkıs, B. Öztürk, Editor, Tüдав, İstanbul, pp.892-897, 2016
- IV. **ICZM and the Sea of Marmara: The Istanbul Case**
GAZİOĞLU C., Akkaya M. A., BALTAOĞLU S., BURAK Z. S.
in: The Sea of Marmara Marine Biodiversity, Fisheries, Conservation and Governance, E. Özsoy, M.N. Çağatay, N.Balkıs, N.Balkıs, B. Öztürk, Editor, Tüдав, İstanbul, pp.935-957, 2016
- V. **Land-based Pollution in the Sea of Marmara and Assessment of Pollution Abatement Strategies**
BURAK Z. S., DEMİR V.
in: The Sea of Marmara Marine Biodiversity, Fisheries, Conservation and Governance, Özsoy E., Çağatay M.N., Balkıs N., Balkıs N., Öztürk B., Editor, Tüдав, İstanbul, pp.849-863, 2016
- VI. **Agricultural Water Demand Management in the South-Eastern Anatolia Region**
BURAK Z. S.
in: Sustainable Watershed Management, Gönenç İ.E., Wolflin J., Russo R., Editor, Crc Press Taylor & Francis Cobb

Group Cobb Group, London/Uk, pp.43-44, 2015

- VII. **Emerging Environmental Issues in Water Management in line with the application of the EU-WFD Background, Progress in Member and Candidate States**
Burak Z. S., Manti N. P. (Editor)
in: Joint Seminar on International and European Environmental Law, Tütüncü A.N., Başkaracaoğlu E., Manti N.P., Editor, Beta, İstanbul, pp.103-108, 2013
- VIII. **SU GÜNDEMİ - Su Kaynakları, Yönetimi, Sınırtaşan Sular**
BURAK Z. S.
Beta, İstanbul, 2009
- IX. **TÜRKİYE KIYILARI II Devletin Deniz Ülkesi-Temel Haklar ve Yükümlülükler**
BURAK Z. S., AKKAYA M. A.
Beta, İstanbul, 2008
- X. **Decision Making, Policy and Financing**
BURAK Z. S.
in: Sustainable Use and Development of Watersheds, Gönenç İ.E., Vadineau A., Wolflin J.P., Russo R.C., Editor, Springer, London/Berlin , Dordrecht, pp.513-527, 2008
- XI. **Overview of Water Management in Turkey**
BURAK Z. S.
in: Sustainable Use and Development of Watersheds, Gönenç İ.E., Vadineau A., Wolflin J.P., Russo R. C., Editor, Springer, London/Berlin , Dordrecht, pp.151-171, 2008
- XII. **Comparative Analysis of Water Management**
BURAK Z. S.
in: Sustainable Use and Development of Watersheds, Gönenç İ.E., Vadineau A., Wolflin J. P., Russo R.C., Editor, Springer, London/Berlin , Dordrecht, pp.425-433, 2008
- XIII. **Overview of Water Management in Turkey: Issues, Constraints, Achievements, Prospect**
BURAK Z. S.
in: Sustainable Use and Development of Watersheds, Gönenç İ.e., Vadineau ,Wolflin , . Russo R., Editor, Springer, London/Berlin , Dordrecht, pp.151-171, 2008
- XIV. **KIYI KANUNU ve İLGİLİ MEVZUAT**
BURAK Z. S., AKKAYA M. A.
Beta, İstanbul, 2006
- XV. **TÜRKİYE KIYILARI Kavramsal Tanımlama-Planlama-Kullanım**
BURAK Z. S.
Beta, İstanbul, 2005
- XVI. **Ulusal Çevre Eylem Planı, Su Kaynaklarının Yönetimi**
BURAK Z. S.
Dpt, Ankara, 1997

Refereed Congress / Symposium Publications in Proceedings

- I. **PRESENCE, SPATIAL DISTRIBUTION, AND RISK ASSESSMENT OF PHARMACEUTICAL COMPOUNDS IN THE SEA OF MARMARA, TURKEY**
Korkmaz N., Savun Hekimoğlu B., Aksu A., Burak Z. S., Çağlar N.
III. ULUSAL DENİZLERDE İZLEME VE DEĞERLENDİRME SEMPOZYUMU, Antalya, Turkey, 6 - 09 December 2022, pp.81-82
- II. **Evaluation of Oil Spill Modelling within the scope of the Emergency Action Plans**
Ülker D., Burak Z. S.
Marmara Denizi 2022 Sempozyumu, İstanbul, Turkey, 8 - 09 January 2022, pp.1-5
- III. **Thorntwaite's Method for the Computation of the Water Balance**
Burak S., BİLGE A. H., Ülker D.

5th International Conference on Natural Resources and Sustainable Environmental Management, Nicosia, CYPRUS, 01 November 2021, pp.339-347

- IV. **Water related risks in the Megacity Istanbul: Need for planning an optimal portfolio**
Burak Z. S.
NRSEM-2021, Lefkoşa, Cyprus (Kkct), 8 - 12 November 2021, pp.1-8
- V. **Thorntwaite's method for the computation of water balance**
Burak Z. S., Bilge A. H., Ülker D.
NRSEM-2021, Lefkoşa, Cyprus (Kkct), 8 - 12 November 2021, pp.1-8
- VI. **INVESTIGATION OF EARTHEN DAMS BREAK DUE TO OVERTOPPING AND FLOOD MAPPING (CASE OF STUDY: SILVEH EARTHEN DAM)**
Burak Z. S., Shahanaghi Y.
NRSEM-2021, Lefkoşa, Cyprus (Kkct), 8 - 12 November 2021, pp.1-8
- VII. **Assesment of water quality of Lake Bafa in Turkey**
Ülker D., Savun-Hekimoğlu B., Burak Z. S.
IWA Digital World Water Congress, 24 May - 04 June 2021, pp.1
- VIII. **Future water-related risks and management options in the Mediterranean basin**
Marianela F., Giupponi C., Burak Z. S., Hamouda .
EGU2021, Vienna, Austria, 19 - 30 April 2021, pp.57
- IX. **Denizel Çevrede Öze Duyarlı Deniz Alanları Kavramı**
BURAK Z. S., Efes K. Ö.
Türkiye Kıyıları06, Muğla, Turkey, vol.1, pp.163
- X. **8) S. Burak, E. Doğan, Z. Y. Yücel, C. Gazioğlu, Havza Yönetiminde Temel İlkeler ve İstanbul Örneği, Türkiye Kıyıları 02 Bildiriler Kitabı, İzmir, 2002**
BURAK Z. S.
Türkiye Kıyıları 02, İzmir, Turkey, vol.1, pp.335
- XI. **COASTAL ZONE MANAGEMENT AND INTERNATIONAL FINANCIAL INSTITUTION ACTIVITY**
BURAK Z. S.
EGU GENERAL ASSEMBLY, Austria, vol.10, pp.1
- XII. **Tatlı Su Kaynakları ve Kıyı Alanlarının Bütünleşik Yönetimi**
BURAK Z. S.
Türkiye Kıyıları 2008, Ankara, Turkey, pp.35
- XIII. **A Proposal for CoastalZone Planning at Gemlik Bay (Turkey)**
BURAK Z. S.
Medcoast09, Russia, vol.1, pp.139
- XIV. **Water Resources Protection And Water Quality Improvement Needs in the Istanbul Metropolitan Area'**
BURAK Z. S.
IWA, France, pp.1
- XV. **Approche Technique et Admiristrative dans la Problématique "Eau et Tourisme"**
BURAK Z. S.
Hydrotop, France, pp.1
- XVI. **TÜRKİYE'DE KATI ATIK SEKTÖRÜ (KAS) FİNANSAL PERFORMANS HEDEFLEMESİ**
BURAK Z. S., Mat H.
ULUSAL KATI ATIK YÖNETİMİ KONGRESİ, Eskişehir, Turkey, pp.10
- XVII. **, Assessment of Practical Solutions Proposed for Solid Waste Management in Punjab and Southeastern Anatolia**
BURAK Z. S.
ISWA, Italy, pp.1
- XVIII. **Which Effluent Quality for Which Reuse in the Mediterranean Region?**
BURAK Z. S., ÜLKER D.
4th International Conference on Recycling and Reuse, İstanbul, Turkey, 24 - 26 October 2018, pp.122-123

- XIX. BAFA GÖLÜ'NDE KIYI ALANLARI YÖNETİMİ ÇERÇEVESİNDE SORUNLARIN DEĞERLENDİRİLMESİ**
ÜLKER D., BURAK Z. S.
Ulusal Katı Atık Yönetimi Kongresi, Konya, Turkey, 9 - 11 May 2018, pp.1-8
- XX. Akdeniz Havzası Ülkelerinde Kıyı ve Yüzme Sularında Kirlenme Kontrolünün Değerlendirmesi**
BURAK Z. S., ÜLKER D.
Ulusal Katı Atık Yönetimi Kongresi, Konya, Turkey, 9 - 11 May 2018, pp.19-20
- XXI. A Study about Using Animal Waste Generated in Livestock Carriers in Biogas Plants**
ÜLKER D., BURAK Z. S.
2nd ASM International Workshop of Composting And Biogas Technologies, Antalya, Turkey, 16 - 18 November 2017, pp.5
- XXII. A network model simulation proposal for river basin management plans(RBMPs) in Turkey**
BURAK Z. S., Bilge A. H., ÜLKER D.
EWRA 2017- 10TH WORLD CONGRESS ON WATER RESOURCES AND ENVIRONMENT "PANTA RHEI", Atina, Greece, 5 - 09 July 2017, pp.231-236
- XXIII. Haliç'te Mikrobiyal Su Kalitesinin Membran Filtrasyon ve Kantitatif PCR Yöntemleri ile Değerlendirilmesi**
Zeki S., Burak Z. S., Aslan A.
Deniz Bilimleri Konferansı, Ankara, Turkey, 31 May - 03 June 2016, pp.92
- XXIV. Modeling of Wind Effects on Stratified Flows in Open Channels: A Model for the Istanbul Strait (Bosphorus)**
Bilge A. H., Kirkil G., Burak S., Incegul M.
5th International Conference on Mathematical Modeling in Physical Sciences (IC-MSquare), Athens, Greece, 23 - 26 May 2016, vol.738
- XXV. THE FUTURE OF WATER IN THE MEDITERRANEAN BASIN COUNTRIES**
BURAK Z. S.
Uluslararası Sürdürülebilir Su Yönetimi Kongresi, İzmir, Turkey, 8 - 10 October 2015, pp.1-8
- XXVI. "WATER MANAGEMENT IN THE MEDITERRANEAN REGION: CONCEPTS AND POLICIES"**
BURAK Z. S.
EWRA 2015, İstanbul, Turkey, 10 - 13 June 2015, pp.1-9
- XXVII. Formal Safety Assessment for Ship Traffic in the Istanbul Straits**
Gorcun O. F., Burak S. Z.
11th International Strategic Management Conference, Vienna, Austria, 23 - 25 July 2015, vol.207, pp.252-261
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- IV. **Water Use Efficiency and Economic Approach**
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- V. **1) Burak S., 3rd Regional Workshop on Water and Sustainable Development in the Mediterranean: Water demand management, progress and policies**
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- VI. **COUNTRY BASELINE STUDIES MEDITERRANEAN REGION WATER, WETLANDS AND CLIMATE CHANGE
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Technical Report, pp.1-120, 2000
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BURAK Z. S.
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Supported Projects

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BURAK Z. S., Project Supported by Other Official Institutions, Su Kalitesi Yönetiminde Sürdürülebilir Toprak ve Su Kaynakları Mobilizasyonu, 2003 - 2003

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BURAK Z. S., EU Supported Other Project, Water for the 21st Century: Vision to Action, Framework for Action for the Mediterranean, Global Water Partnership, MEDTAC, 2000., 2000 - 2000

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BURAK Z. S., EU Supported Other Project, POLAGWAT Scientific Report I (2000), Agricultural water use and sectoral policies in Mediterranean Countries, 1999 - 2000

BURAK Z. S., EU Supported Other Project, Burak S., Participatory Irrigation Management Activities and Water User Associations Involvement in Turkey. UNEP, Mediterranean Commission for Sustainable Development. Sophia-Antipolis, 1999, 1999 - 1999

BURAK Z. S., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Ulusal Çevre Eylem Planı, Su Kaynakları Yönetimi, 1996 - 1997

Memberships / Tasks in Scientific Organizations

World Water Council, Board Member, 2023 - Continues, France

United Nations Mediterranean Water Institute (IME), Board Member, 2008 - Continues

KAKAD, Board Member, 2003 - Continues

International Water Association (IWA), Member, 2001 - Continues

Scientific Refereeing

INTERNATIONAL JOURNAL OF SCIENCE & TECHNOLOGY, Other Indexed Journal, February 2017
Journal of Sustainable Water in the Built Environment, SCI Journal, October 2016
Journal of Poytechnic, SCI Journal, August 2016
European Planning Studies, Journal Indexed in SSCI, July 2016
Environmental Monitoring and Assessment, SCI Journal, March 2016
EMAS Springer, SCI Journal, March 2016
TUBITAK Project, March 2016
European Planning Studies, SCI Journal, January 2016
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Türkiye'nin Kıyı ve Deniz Alanları IX. Ulusal Kongresi Bilimsel Dergisi, National Scientific Refreed Journal, November 2012
SUWAMA, National Scientific Refreed Journal, October 2011
LAND USE POLICY, SCI Journal, November 2008
JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal, June 2008
CHEMOSPHERE, National Scientific Refreed Journal, July 2005

Scientific Research / Working Group Memberships

LPED, Université de Aix-Marseille II, France, <http://www.mc3.lped.org>, 2015 - Continues
IWA/UNEP, İSTANBUL ÜNİVERSİTESİ, Turkey, <http://www.iwahq.org>, 2014 - Continues

Metrics

Publication: 103
Citation (WoS): 330
Citation (Scopus): 323
H-Index (WoS): 9
H-Index (Scopus): 9

Congress and Symposium Activities

Turkish-German Seminar Reducing the Water Footprint of the CottonTextile Value Chain, Attendee, Aydın, Turkey, 2019
MEDECC Mediterranean Experts on Environment and Climate Change, Attendee, Milan, Italy, 2019
'IMPACTCC' action on climate change in the Mediterranean of the French MISTRALS program, Attendee, Montpellier, France, 2019
Meeting of Blue Peace in the Middle East, Attendee, Stockholm, Sweden, 2018
2nd ASM International Workshop of Composting And Biogas Technologies, Attendee, Antalya, Turkey, 2017
EWRA 2017 - 10TH WORLD CONGRESS ON WATER RESOURCES AND ENVIRONMENT "PANTA RHEI", Attendee, Athína, Greece, 2017
Urban Water Management in Metropolises, Attendee, Marseille, France, 2016
Women, Water and Peace in the Middle East, Attendee, İstanbul, Turkey, 2016

Applied Physics Congress, Attendee, Athína, Greece, 2016
Contribution of Yeniçağa Lake to carbon sequestration, Attendee, Ankara, Turkey, 2015
Uluslararası Sürdürülebilir Su Yönetimi Kongresi, Attendee, İzmir, Turkey, 2015
MC3-Network: Mediterranean Cities and Climate Change. A Mediterranean Network for Urbanism and Climate Change In the, Attendee, Marseille, France, 2015
EWRA 2015, Attendee, İstanbul, Turkey, 2015
MEDITERRANEAN WATER INSTITUTE, Attendee, BARCELONA, Spain, 2014
COP18 ISTANBUL (18th Ordinary Meeting of the Contracting Parties to the Barcelona Convention and its Protocols, Attendee, İstanbul, Turkey, 2013
United Nations Mediterranean Action Plan XV. Mediterranean Commission on Sustainable Development Meeting (UNEP/MAP MCSD), Attendee, Malta, Malta, 2013
World Water Council (WWC) General Assembly Meeting, Attendee, Marsilya, France, 2012
Türkiye'nin Kıyı ve Deniz Alanları IX. Ulusal Kongresi, Attendee, Antakya, Turkey, 2012
Joint Seminar on International and European Environmental Law, Attendee, İstanbul, Turkey, 2012
International Conference on Advancing Cooperation in the Euphrates Tigris Region: Institutional Development and Multidisciplinary Perspectives, Attendee, İstanbul, Turkey, 2012
EGU, Attendee, VIYANA, Austria, 2012
SUWAMA, Attendee, iSTANBUL, Turkey, 2011
MEDCOAST, Attendee, SOCHI, Russia, 2009
MEDCOAST FOUNDATION, Attendee, AKYAKA, Turkey, 2009
Türkiye Kıyıları 08, Attendee, Ankara, Turkey, 2008
EGU, Attendee, Viyana, Austria, 2008
EGU, Attendee, Viyana, Austria, 2007
Türkiye Kıyıları 06, Attendee, Muğla, Turkey, 2006
TMMOB Su Politikaları Kongresi, Attendee, Ankara, Turkey, 2006
ISWA, Attendee, ROMA, Turkey, 2004
FIFTH INTERNATIONAL SYMPOSIUM ON ECOHYDRAULICS, Attendee, MADRID, Spain, 2004
EGU, Attendee, Nice, France, 2004
MEDCOAST, Attendee, RAVENNA, Italy, 2003
Su Kalitesi Yönetiminde Sürdürülebilir Yaklaşım, Toprak ve Su Kaynakları Mobilizasyonu ve Yönetimi Çalıştayı 24 Nisan 2003., Attendee, Ankara, Turkey, 2003
Türkiye Kıyıları 02, Attendee, İzmir, Turkey, 2002
Appropriate Environmental and Solid Waste Management and Technologies for Developing Countries, Attendee, İstanbul, Turkey, 2002
ISWA, Attendee, ISTANBUL, Turkey, 2002
1st World Water Congress of the International Water Association (IWA), Attendee, Paris, Turkey, 2000

Awards

YANARDAĞ R., BURAK Z. S., GAZİOĞLU C., ÖZCAN H. K., AYDINLI S. G., EROL Ç., ACAR I., Başarılı Araştırmacı Belgesi, İstanbul Üniversitesi, March 2011
ACAR I., BURAK Z. S., AYDINLI S. G., İNCELİ M., BAŞARILI ARAŞTIRICI BELGESİ, İ.Ü BAP, April 2010
İNCELİ M., GÖKMEN Z., ACAR I., BURAK Z. S., ÖZTEKİN S. D., AYDINLI S. G., ULUTAŞ D., GAZİOĞLU C., GAZİOĞLU C., BAKIREL T., BAŞARILI ARAŞTIRICI BELGESİ, İ.Ü BAP, April 2006
BURAK Z. S., Başarılı Araştırmacı Ödülü, İ.Ü BAP, January 2005