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Education Information

Doctorate, Technische Universität Berlin, Şehir Ve Bölge Planlama, Germany 1979 - 1983

Undergraduate, Universität Karlsruhe, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, Germany 1975 - 1978

Foreign Languages

English, B2 Upper Intermediate

German, C1 Advanced

Dissertations

Postgraduate, Klaerschlamtransport mit pipelines, Universität Karlsruhe, Fakultät Für Bauingenieurwesen, Inst. Für Siedlungswasserwirtschaft, 1978

Research Areas

Environmental Engineering, Environmental Technology, Environmental Policies, Pollution Prevention and Waste Reduction, Water Pollution and Control, Engineering and Technology

Academic Titles / Tasks

Professor, Akdeniz University, Faculty of Engineering, Department of Environmental Engineering, 1999 - Continues

Associate Professor, Akdeniz University, Teknik Bilimler Myo, İnşaat Programı, 1993 - 1997

Associate Professor, Firat University, Faculty Of Engineering, Department Of Environmental Engineering, 1987 - 1993

Assistant Professor, Firat University, Faculty Of Engineering, Department Of Civil Engineering, 1983 - 1990

Published journal articles indexed by SCI, SSCI, and AHCI

- Assessment of energy performance and ghg emissions for the urban water cycle toward sustainability**

MUHAMMETOĞLU A., Al-Omari A., Al-Houri Z., Topkaya B., Tumbul T., MUHAMMETOĞLU H.

Journal of Water and Climate Change, vol.14, no.1, pp.223-238, 2023 (SCI-Expanded)

- II. **Energy and Carbon Footprints for the Urban Water Cycle in Amman, Jordan**
Al-Omari A., Al-Houri Z., MUHAMMETOĞLU H., MUHAMMETOĞLU A., Topkaya B.
International Journal of Environmental Research, vol.16, no.5, 2022 (SCI-Expanded)
- III. **IMPACTS OF PUBLIC PARTICIPATION ON THE ENVIRONMENTAL IMPACTS OF LANDFILLS**
Yilmazi I., Yildirim M., Topkaya B.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.2, pp.608-613, 2019 (SCI-Expanded)
- IV. **ENVIRONMENTAL POLLUTION OF THE MEDITERRANEAN SEA: EVALUATION OF RESEARCH ACTIVITIES IN THE MEDITERRANEAN SEA COUNTRIES**
KARADİREK İ. E., AKTAŞ K., Topkaya B.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.2, pp.867-872, 2019 (SCI-Expanded)
- V. **COPING WITH WATER SCARCITY IN MENA REGION: CONTRIBUTION OF THE ACADEMIC WORLD**
Yilmaz U. O., Kaya G., Sahin H., Meon G., Topkaya B.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.1, pp.439-444, 2017 (SCI-Expanded)
- VI. **WATER FOOTPRINT AS DECISION SUPPORT TOOL FOR SUSTAINABLE WATER MANAGEMENT IN THE MEDITERRANEAN REGION**
Sahin H., Atabarut T., Topkaya B.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.23, no.12A, pp.3123-3130, 2014 (SCI-Expanded)
- VII. **WATER RESOURCES IN THE MIDDLE EAST: PROPOSALS FOR SUSTAINABLE DEVELOPMENT IN THE REGION**
Atabarut T., Sahin H., Topkaya B.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.23, no.12, pp.3077-3083, 2014 (SCI-Expanded)
- VIII. **Assessing Environmental Impacts of Wastewater Treatment Alternatives for Small-Scale Communities**
Yildirim M., Topkaya B.
CLEAN-SOIL AIR WATER, vol.40, no.2, pp.171-178, 2012 (SCI-Expanded)
- IX. **Pollution potential of ground-water resources in Antalya city**
Yidirim M., Topkaya B.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.15, no.9A, pp.981-988, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Otomotiv endüstrisi boya işlemlerinde oluşan zararlı atıklar için alternatif bir çevresel etki indeksi yaklaşımı**
CİVELEKOĞLU G., Uçaroğlu S., TOPKAYA M. B.
Çevre Bilim ve Teknoloji Dergisi, vol.2, no.4, pp.347-356, 2007 (Peer-Reviewed Journal)
- II. **"Kullanım ve Halk Sağlığı Açısından Suların Sertliğinin Önemi ve Giderilmesi"**
TOPKAYA M. B., SAYDAM F. E., OĞUZ H.
TMMOB İnşaat Mühendisleri Odası Antalya Şube Yayın Organı, pp.10-12, 1997 (Non Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Agricultural Production and Food Security in Mena Countries under Changing Climate and Water Scarcity**
KARADİREK İ. E., Ertepe E., TOPKAYA M. B.
Regional Expert Workshop on Water Resources and Climate Change: Impacts, Mitigation and Adaptation, Amman, Jordan, 3 - 07 November 2019, pp.201-208
- II. **Evaluation of Research Activities Dealing with Solid Waste Management in Mediterranean Sea Basin Countries**
KARADİREK İ. E., Ertepe E., TOPKAYA M. B.

1st International Conference on Environment, Technology and Management (ICETEM), Niğde, Turkey, 27 - 29 June 2019, pp.255-256

- III. **A REVIEW ON SMART CITY CONCEPT AND SMART WATER MANAGEMENT**
KARADİREK İ. E., TOPKAYA M. B.
Regional Workshop on Water - Energy - Food - NEXUS in MENA Region, Asvan, Egypt, 11 - 17 November 2018, pp.1-8
- IV. **Impacts of Climate Change on Water&Food Security in Turkey- Antalya&Konya Basins**
TOPKAYA M. B., KARADİREK İ. E.
Regional Workshop on Water - Energy - Food - NEXUS in MENA Region, Asvan, Egypt, 11 - 17 November 2018, pp.1-10
- V. **Maintaining Agricultural Water Security in Mena Region**
Şahin H., KARADİREK İ. E., TOPKAYA M. B.
Water Perspectives in Emerging Countries, Sousse, Tunisia, 22 - 28 April 2018, pp.12-23
- VI. **Evaluation of municipal organic waste management optimization using life cycle assessment: A case study of Antalya**
AKTAŞ K., TOPKAYA M. B.
19th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Rome, Italy, 4 - 06 October 2017, pp.331
- VII. **Environmental Degradation of Mediterranean Sea - Responses of the academic World: A bibliometric analysis**
KARADİREK İ. E., TOPKAYA M. B.
19th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Roma, Italy, 4 - 06 October 2017, pp.368
- VIII. **Evaluation of Research Activities Dealing With Solid Waste Management in Mediterranean Sea Basin Countries**
Kaya G., GEDİK K., Kranert M., TOPKAYA M. B.
Eurasia 2016 Waste Management Symposium, İstanbul, Turkey, 2 - 04 May 2016, pp.2-8
- IX. **Türkiye'de Katı Atık Yönetiminin Gelişmesinin Akademik Açından Değerlendirilmesi**
AKTAŞ K., GEDİK K., TOPKAYA M. B.
Ulusal Katı Atık Yönetimi Kongresi, Gaziantep, Turkey, 14 - 16 October 2015
- X. **Evaluation of Research Activities Dealing With Solid Waste Management in MENA Countries**
AKTAŞ K., GEDİK K., TOPKAYA M. B., Kranet M.
18th International Symposium on Environmental Pollution and Its Impact on Life in the Mediterranean Region, Girit, Greece, 26 - 30 September 2015
- XI. **Evaluation of the options for the reducing the environmental impacts of landfills**
AKTAŞ K., Yıldırım M., Yılmaz İ., TOPKAYA M. B.
Türk Alman Katı Atık Günleri, İzmir, Turkey, 26 - 29 May 2015, pp.2-4
- XII. **Waste Management Research In Turkey & Germany: A Comparative Study**
AKTAŞ K., GEDİK K., TOPKAYA M. B.
Türk Alman Katı Atık Günleri, İzmir, Turkey, 26 - 29 May 2015, pp.24-28
- XIII. **Waste Management Research In Turkey & Germany: A Comparative Study**
AKTAŞ K., GEDİK K., TOPKAYA M. B.
Türk Alman Katı Atık Günleri, İzmir, Turkey, 26 - 29 May 2015, pp.24-28
- XIV. **Life cycle thinking of biowaste management**
AKTAŞ K., TOPKAYA M. B.
Mediterranean Scientific Association of Environmental Protection, İstanbul, Turkey, 28 October - 01 November 2013, pp.219
- XV. **Plastik Alışveriş Torbalarının Çevresel Etkileri ve Çözüm Önerileri**
AKTAŞ K., TOPKAYA M. B.
Ulusal Katı Atık Yönetimi Kongresi, Kocaeli, Turkey, 29 May - 01 June 2013, pp.109-110
- XVI. **Water Footprint of Tourism in the Mediterranean Region**

OĞUZ H., Topkaya B.

16th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Ioannina, Greece, 24 - 27 September 2011, pp.1

XVII. Impacts of Golf Tourism on Life in the Mediterranean Region

OĞUZ H., Topkaya B.

15th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Bari, Italy, 7 - 11 October 2009, pp.1

XVIII. The assessment of ecological quality status of Antalya Bay and Düden River Estuary

İÇEMER G., TOPKAYA M. B.

LITTORAL 9th International Conference A Changing coast: Challenge for the Environmental Policies, Venedik, Italy, 25 - 28 November 2008

XIX. "Impacts of stream discharges on the bathing water quality of Konyaaltı beach"

OĞUZ H., MUHAMMETOĞLU A., TOPKAYA M. B.

MEDCOAST 03, Ravenna, Italy, 7 - 11 October 2003, pp.1189-1200

XX. "Karasal Kaynaklı Kirleticilerin Deniz Ortamına Etkileri: Antalya-Boğaçayı Örneği"

OĞUZ H., TOPKAYA M. B.

IV. Ulusal Çevre Mühendisliği Kongresi, Mersin, Turkey, 7 - 10 November 2001, pp.341-346

XXI. "Evaluation of Land-Based Pollutants Carried to Antalya Bay from Boğaçay Catchment Area"

OĞUZ H., TOPKAYA M. B., MUHAMMETOĞLU A.

MEDCOAST 01, Hammamet, Tunisia, 23 - 27 October 2001, pp.439-450

XXII. "Kıyı Bölgeleri İçin Çevre Yönetim Şekli:GATAB"

TOPKAYA M. B., KALKANOĞLU B., OĞUZ H.

Türkiye'nin Kıyı ve Deniz Alanları I. Ulusal Konferansı, Ankara, Turkey, 24 - 27 June 1997, pp.21-30

Supported Projects

PERENDECİ N. A., TOPKAYA M. B., Project Supported by Higher Education Institutions, Süt Endüstrisi Atıksularından Katma Değeri Yüksek PAS Proteini ve Süksinik Asit Üretimi ile Enerji ve Su Kazanımı için Entegre Proses Geliştirilmesi, 2018 - 2019

Activities in Scientific Journals

CLEAN Soil Air Water, Editor, 2007 - Continues

Metrics

Publication: 33

Citation (WoS): 46

Citation (Scopus): 49

H-Index (WoS): 2

H-Index (Scopus): 2