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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Çevre Bilimleri Ve Mühendisliği (Dr), Turkey 1984 - 1991

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği, Turkey 1981 - 1984

Undergraduate, Bogazici University, Faculty Of Engineering, Department Of Chemistry Engineering, Turkey 1977 - 1981

Foreign Languages

French

English

Dissertations

Doctorate, The effect of Residual Microbial Product Generation on the Modelling of Fixed-Film Systems, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Çevre Bilimleri Ve Mühendisliği (Dr), 1991

Postgraduate, Wastewater treatment by land disposal on sandy grounds, Boğaziçi Üniversitesi, Fen Bilimleri Enstitüsü, 1984

Research Areas

Environmental Engineering, Geotechnical Engineering, Geographic Information Systems, Land Information Systems, Remote sensing, Engineering and Technology

Academic Titles / Tasks

Professor, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 2002 - Continues

Associate Professor, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 1999 - 2002

Lecturer PhD, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 1992 - 1999

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Detection of surface temperature anomaly of the Sea of Marmara**
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- II. **Climate change adaptation exertions on the use of alternative water resources in Antalya, Türkiye**
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- III. **IMPROVING THE ENVIRONMENTAL AUDITING SYSTEM IN TURKIYE: LESSONS-LEARNT FROM MUCILAGE EVENT IN THE SEA OF MARMARA**
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- IV. **Spatio-temporal assessment of natural lakes in Turkey**
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- VIII. **Utility of a source-related matrix in basin management studies: a practice on a sub-Basin in Turkey**
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ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.36, pp.50329-50343, 2021 (SCI-Expanded)
- IX. **Long and short-term assessment of surface area changes in saline and freshwater lakes via remote sensing**
Yağmur N., Bilgilioglu B. B., Dervişoğlu A., Musaoğlu N., Tanik A. G.
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- X. **Removal of endocrine-disrupting chemicals from textile industry effluents by nanofiltration**
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- XIII. **COMPARING TWO DIFFERENT SPATIAL INTERPOLATION APPROACHES TO CHARACTERIZE SPATIAL VARIABILITY OF SOIL PROPERTIES IN TUZ LAKE BASIN - TURKEY**
Gorji T., Alganci U., Sertel E., Tanik A. G.
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- XIV. DYNAMIC MONITORING OF LAND COVER CHANGE: A RECENT STUDY FOR ISTANBUL METROPOLITAN AREA**
Shoman W., Korkutan M., Algancı U., Tanık A. G., Demirel H.
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- XVII. INVESTIGATION OF LAND USE/COVER CHANGES OF SAZLIDERE BASIN BY USING BAND RATIO FOR BUILT-UP AREA (BRBA)**
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- XVIII. RECENT SATELLITE TECHNOLOGIES FOR SOIL SALINITY ASSESSMENT WITH SPECIAL FOCUS ON MEDITERRANEAN COUNTRIES**
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- XX. SATELLITE-BASED TEMPORAL ASSESSMENT OF A DRIED LAKE: CASE STUDY OF AKGOL WETLAND**
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- XXIII. POTENTIAL IMPACTS OF SEA LEVEL RISE ON THE COASTAL VULNERABILITY OF CUKUROVA DELTA**
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- WATER SCIENCE AND TECHNOLOGY-WATER SUPPLY, vol.13, no.5, pp.1272-1280, 2013 (SCI-Expanded)
- XXVIII. **ANALYSIS OF URBANIZED AREAS USING V-I-S COMPONENTS MODEL**
Kaya Ş., Seker D. Z., TANIK A. G.
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- XXIX. **DETERMINATION OF LAND-USE DYNAMICS IN A LAGOON WATERSHED BY REMOTELY SENSED DATA**
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- XXX. **Data inventory and Analysis for the application of WASP in a coastal lagoon**
Ekdal A., Tanik A. G., Ambrose Jr. R.
Journal of Coastal Research, pp.885-889, 2011 (SCI-Expanded)
- XXXI. **Estimation of monthly diffuse nutrient loads for a watershed in Turkey**
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- XXXII. **Effects of Posidonia Oceanica Seagrass Meadows on Storm Waves**
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JOURNAL OF COASTAL RESEARCH, vol.64, pp.373-377, 2011 (SCI-Expanded)
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- XXXVIII. **DETERMINATION AND CONTROL OF DIFFUSE POLLUTANTS ARISING FROM WATERSHEDS - A CASE STUDY FROM TURKEY**
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- XXXIX. **Current situation of urban wastewater treatment plants in megacity Istanbul**
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- XL. **Determination of environmental quality of a drinking water reservoir by remote sensing, GIS and regression analysis**
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- XLI. **Multi-parametric water quality monitoring approach according to the WFD application in Evros trans-boundary river basin: priority pollutants**
NIKOLAOU A. D., MERIC S., LEKKAS D. F., NADDEO V., BELGIORNO V., GROUDEV S., Tanik A. G.
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- XLII. **Multi parametric Water Quality Monitoring Approach According to the WDF in the Evros Transboundary River Basin Priority Pollutants**
Nikalou A., MERİÇ PAGANO S., Lekkas D., Naddeo V., Belgiorno V., Groudev S., Tanik A. G.

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- XLIII. **DETERMINATION OF FLOOD RISK IN SAKARYA SUB-BASIN USING REMOTELY SENSED DATA AND GIS**
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- XLIV. **Multitemporal assessment of land-use change in a rapidly urbanizing coastal region in Turkey using remote sensing**
Cetin M., Musaoğlu N., TANIK A. G.
ENVIRONMENTAL ENGINEERING SCIENCE, vol.25, no.6, pp.917-928, 2008 (SCI-Expanded)
- XLV. **Multi-temporal analysis and mapping of coastal erosion caused by open-mining areas**
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- XLVI. **Development of an Integrated Watershed Management Strategy for Resource Conservation in Balochistan Province of Pakistan**
Baloch M. A., Tanik A.
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- XLVII. **3D COASTAL EROSION ANALYSIS OF KILYOS - KARABURUN REGION USING MULTI-TEMPORAL SATELLITE IMAGE DATA**
Seker D. Z., Kaya S., Alkan R. M., Tanik A. G., Saroglu E.
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- XLVIII. **Utility of remote sensing technology for determining characteristics of sandy beaches**
Kaya S., Şeker D. Z., Yasa N. E., Kabdasli S., Tanik A. G.
CLEAN-SOIL AIR WATER, vol.35, no.6, pp.654-659, 2007 (SCI-Expanded)
- XLIX. **Development of a model support system for watershed modeling: A case study from Turkey**
Yuceil K., Baloch M. A., Gonenc E., Tanik A. G.
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- L. **Reuse potential of urban wastewater treatment plant effluents in Turkey: A case study on selected plants**
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- LI. **Implementation of soil survey and analyses for promoting watershed modelling applications**
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- LII. **Diffuse pollution and sustainable basin management - Preface**
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- LVII. **Use of remotely sensed data for analysis of land-use change in a highly urbanized district of mega city, Istanbul**
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- LXII. **Urban wastewater treatment plants and reuse potential in Turkey: selected examples from the western cities**
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- LXIII. **A new approach for calculating the relative risk level of pesticides**
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- LXIV. **Identification of land-cover changes through image processing and associated impacts on water reservoir conditions**
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Non Academic Experience

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