

## Prof. Mustafa Sait Yazgan

### Personal Information

**Office Phone:** [+90 212 285 6543](tel:+902122856543)

**Email:** yazgan@itu.edu.tr

**Web:** <https://akademi.itu.edu.tr/yazgan>

**Address:** İTÜ Maslak Kampüsü, İnşaat Fakültesi, Çevre Mühendisliği Bölümü, Sarıyer, İstanbul

### International Researcher IDs

ScholarID: OPqkL80AAAAJ

ORCID: 0000-0002-6321-5717

Publons / Web Of Science ResearcherID: E-6957-2011

ScopusID: 6602537645

Yoksis Researcher ID: 151657

### Education Information

Undergraduate, Bogazici University, FACULTY OF SCIENCE AND LETTERS, SOCIOLOGY, Turkey 2023 - Continues

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği Anabilim Dalı, Turkey 1995 - 2001

Postgraduate, Harran University, Institute Of Science, Çevre Mühendisliği (YI) (Tezli), Turkey 1995 - 2001

Undergraduate, Dicle University, Faculty Of Agriculture, Department Of Field Crops, Turkey 1989 - 1993

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, Turkey 1985 - 1989

### Foreign Languages

English

### Research Areas

Environmental Engineering, Environmental Sciences, Environmental Chemistry, Environmental Technology, Environmental Impact Assessment, Environmental Risk Assessment, Soil and Groundwater Pollution and Control, Engineering and Technology

### Academic Titles / Tasks

Professor, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 2014 - Continues

Associate Professor, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 2007 - 2014

Assistant Professor, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 2004 - 2007

Research Assistant, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 1997 - 2004

Research Assistant, Harran University, Faculty Of Engineering, Department Of Environmental Engineering, 1994 - 1997

## Academic and Administrative Experience

Vice Rector, Istanbul Technical University, 2020 - 2020

Secretary General, Istanbul Technical University, 2016 - 2019

University Executive Board Member, Istanbul Technical University, 2014 - 2018

İstanbul Teknik Üniversitesi, Rektörlük, 2013 - 2015

assistant Secretary General, Istanbul Technical University, 2013 - 2015

## Advising Theses

Dinler Doğanay G., Yazgan M. S., Mycoremediation of heavy metal contaminated soil using oyster mushroom: *Pleurotus ostreatus*, Postgraduate, D.Ürünay(Student), 2015

Yazgan M. S., Toprak kirliliği kontrolü yönetmeliği kapsamında petrol kirliliğinin tespiti ve giderimi için uygun yöntem araştırması, Postgraduate, Ö.HIZ(Student), 2015

Yazgan M. S., Çevresel tesislerden kaynaklanan sera gazı emisyonlarının hesaplanması, Postgraduate, M.ERDOĞAN(Student), 2015

Yazgan M. S., Ham petrolle kirlenmiş topraklarda istiridye mantarı (*Pleurotus ostreatus*)'nın mikoremediasyon kapasitesinin araştırılması, Postgraduate, C.ZAZOĞLU(Student), 2014

Yazgan M. S., Göl Alt Havzaları Bazında Yayılı Kaynaklardan Oluşan N Ve P Yükünün Tahmini:Burdur Havzası Örneği, Postgraduate, C.bıçer(Student), 2011

Yazgan M. S., Avrupa Birliği su çerçeve yönergesi ve yönergenin Türkiye'de uygulanması: Büyükçekmece havzası örneği, Postgraduate, M.MOROĞLU(Student), 2007

Yazgan M. S., Pb, Cd, B elementlerinin topraklardan şelat destekli fitoremediasyon yöntemiyle giderilmesi, Postgraduate, Ö.VANLI(Student), 2007

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Chelate Assisted Phytoremediation Of Pb Cd And B By Sunflower Maize And Canola**  
Yazgan M. S., Vanlı Ö.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.24, no.9, pp.2824-2829, 2015 (SCI-Expanded)
- II. **From ancient times to the present: development of the drinking water supply system of Sanliurfa in south-eastern Turkey**  
YENİGÜN K., Kurkcuoglu A. C., Yazgan M. S., GERGER R., Ulgen U.  
WATER SCIENCE AND TECHNOLOGY-WATER SUPPLY, vol.13, no.3, pp.646-655, 2013 (SCI-Expanded)
- III. **The Justinian system: one of the oldest flood control facilities in the world**  
Kurkcuoglu A. C., YENİGÜN K., Yazgan M. S.  
WATER SCIENCE AND TECHNOLOGY-WATER SUPPLY, vol.13, no.3, pp.683-691, 2013 (SCI-Expanded)
- IV. **Justinian System One of the Oldest Flood Control Facilities in the World**  
YENİGÜN K., Yazgan M. S.  
WATER SCIENCE AND TECHNOLOGY-WATER SUPPLY, vol.13, no.3, 2013 (SCI-Expanded)
- V. **From ancient times to the present development of the drinking water supply system of S anliurfa in southeastern Turkey**  
YENİGÜN K., Kürkçüoglu C., Ugur U., Yazgan M. S., GERGER R.  
WATER SCIENCE AND TECHNOLOGY-WATER SUPPLY, vol.13, no.3, 2013 (SCI-Expanded)
- VI. **Spatial Variation of the Precipitation Chemistry in the Thrace Region of Turkey**  
Şaylan L., CALDAG B., BAKANOGULLARI F., TOROS H., Yazgan M. S., SEN O., OZKOCA Y.  
CLEAN-SOIL AIR WATER, vol.39, no.5, pp.491-501, 2011 (SCI-Expanded)
- VII. **APPLICATION OF GEOSYNTHETICS AND EVALUATION OF WATER QUALITY IN AN ARTIFICIAL LAKE IN HARRAN UNIVERSITY, TURKEY**  
YENİGÜN K., AYDOĞDU M. H., GERGER R., Gok N., GÜMÜŞ V., Yazgan M. S.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.18, no.4, pp.412-422, 2009 (SCI-Expanded)

- VIII. **Implemetation of EU Water Framework Directive in Turkey**  
Yazğan M. S., Moroglu M.  
DESALINATION, vol.226, pp.271-278, 2008 (SCI-Expanded)
- IX. **Comparison of two methods for estimation of soil sorption for imidacloprid and carbofuran**  
Yazgan M. S., Wilkins R., Sykas C., Hoque E.  
CHEMOSPHERE, vol.60, no.9, pp.1325-1331, 2005 (SCI-Expanded)
- X. **A new approach for calculating the relative risk level of pesticides**  
Yazgan M. S., TANIK A. G.  
ENVIRONMENT INTERNATIONAL, vol.31, no.5, pp.687-692, 2005 (SCI-Expanded)
- XI. **Comparison of the Classical Batch Equilibrium Method to the Centrifuge Method for the Measurement of Sorption of Pesticides by Soils**  
Yazğan M. S., Hoque E., Richard W., K S.  
CHEMOSPHERE, vol.60, no.9, pp.1325-1331, 2005 (SCI-Expanded)
- XII. **Development and Application of a Screening Method for Selection of Pesticides for Residue Analysis**  
Yazğan M. S.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.13, no.1, pp.10-15, 2004 (SCI-Expanded)
- XIII. **A New Approach To Determine the Practical Ozone Dose for Color Removal From Textile Wastewater**  
Sevimli F., Yazğan M. S., Sarıkaya H. Z.  
OZONE-SCIENCE & ENGINEERING, vol.25, pp.511-517, 2003 (SCI-Expanded)
- XIV. **Ozonation of Aqueous solution of Alfa Endosulfan**  
Yazğan M. S., KINACI C., TORÖZ İ.  
Journal of Environmental Science and Health-Part B, vol.38, no.6, pp.843-853, 2003 (SCI-Expanded)
- XV. **Consumptions and Environmental Polution Ratings of Pesticides Used in Drinking Watersheds of Istanbul**  
Yazğan M. S.  
JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY, vol.2003, pp.48-55, 2003 (SCI-Expanded)
- XVI. **Beta Endosulfan Removal from Water by Ozone Oxidation**  
Yazğan M. S., KINACI C.  
WATER SCIENCE AND TECHNOLOGY, vol.48, pp.511-517, 2003 (SCI-Expanded)
- XVII. **Evaluation of the low pressure RO and NF membranes for an alternative treatment of Buyukcekmece Lake**  
Koyuncu İ., yazgan m. s., topacık d., Sarıkaya H. Z.  
WATER SCIENCE AND TECHNOLOGY-WATER SUPPLY, vol.1, no.1, pp.107-115, 2001 (SCI-Expanded)
- XVIII. **Application of nanofiltration and reverse osmosis membranes to the salty and polluted surface water**  
Koyuncu I., Yazgan M. S.  
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.36, no.7, pp.1321-1333, 2001 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Ecological agriculture and food production in Turkey**  
YAZĞAN M. S., TANIK A. G.  
ECOLOGICAL AGRICULTURE AND RURAL DEVELOPMENT IN CENTRAL AND EASTERNEUROPEAN COUNTRIES, vol.44, pp.177-184, 2004 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **PESTICIDE ADSORPTION ON SOIL ASSESSMENT OF CALCULATION METHODS**  
YAZĞAN M. S.  
International Conference on Natural Science and Environment (ICNSE), 12 - 13 May 2016
- II. **Subsurface flow constructed wetland for treatment of wastewater of small communities in turkey**  
Mahmutoglu M., YAZĞAN M. S.  
31st International Conference on Natural Science and Environment, 10 December 2014 - 11 December 2015
- III. **Development of a tool for pesticide risk assesment in Turkey**  
YAZĞAN M. S.  
International Conference on Environmental Science and Technology, 9 - 13 June 2014
- IV. **In Case of Limited Available Data, Prediction of N and P Loads to Recieving Water**  
YAZĞAN M. S., UĞURLUOĞLU A.  
International Conference on Agriculture, Biology and Environmental Sciences, 8 - 09 December 2014
- V. **Justinian System: One of the Oldest Flood Control Facilities in the World**  
KÜRKÇÜOĞLU A. C., YENİGÜN K., YAZĞAN M. S.  
3 rd IWA Specialized Conference on Water and Wastewater Technologies in Ancient Civilizations, 22 - 24 March 2012
- VI. **From Ancient Time To Present: Development Of Drinking Water Resources System In Şanlıurfa**  
YENİGÜN K., KÜRKÇÜOĞLU A. C., YAZĞAN M. S., GERGER R., ÜLGİN U.  
3 rd IWA Specialized Conference on Water and Wastewater Technologies in Ancient Civilizations, 22 - 24 March 2012
- VII. **Sub-Watershed Based Prediction of N and Loads from Diffuse Sources To Receiving Water**  
YAZĞAN M. S., BİÇER C.  
The Sixth International Conference on Environmental Science and Technology, 25 - 29 June 2012
- VIII. **Prediction of N and P Loads To Recieving Water Caming From Non-Point Sources Without Using GIS and Remote Sensing Methods**  
YAZĞAN M. S., UĞURLUOĞLU A.  
The Fifth International Conference on Environmental Science and Technology, 12 - 16 July 2010
- IX. **Chelate Assisted Phytoremediation of Cadmium and Lead from Soils**  
VANLI Ö., YAZĞAN M. S.  
14th International Symposium on Environmental Pollution and its impact on Life in the Mediterranean Region, Sevilla, Spain, 10 - 14 October 2007
- X. **Chelate Assisted Phytoremediation Of Boron From Soils**  
YAZĞAN M. S., VANLI Ö.  
International Phytotechnology Society Meeting, 24 - 26 September 2007
- XI. **Implemetation of EU Water Framework Directive in Turkey**  
YAZĞAN M. S., MOROĞLU M.  
10th International Specialized Conference on Diffuse Pollution and Basin Management, 18 - 22 September 2006
- XII. **Ecological Agriculture and Food Production in Turkey, Chapter 10, Ecological Agriculture and Rural Development in CEE Countries**  
YAZĞAN M. S., TANIK A. G.  
NATO Science Series, ed. W.L. Filho, 177-184, IOS Press, Amsterdam, 01 January 2004
- XIII. **Ecological agriculture and food production in Turkey**  
YAZGAN M. S., Tanik A. G.  
NATO Advanced Training Meeting on Ecological Agriculture and Rural Development in Central and Eastern European Countries, Hamburg, Germany, 1 - 03 December 2003, vol.44, pp.177-184
- XIV. **Trakya Bölgesi'nde Kuraklığın, Asit Yağışları ve Yağış Rejiminin Belirlenmesi Projesi**  
ŞAYLAN L., ÇALDAĞ B., BAKANOĞULLARI F., TOROS H., ŞEN O., KADIOĞLU M., KOÇAK K., AVŞAR F., GÜRBÜZ M. A., YAZGAN M. S., et al.  
III. Atmosfer Bilimleri Sempozyumu, Turkey, 19 - 21 March 2003, pp.97-106
- XV. **Consumption and Environmental Pollution Rating of Pesticides Used in Drinking Watersheds of Istanbul**

YAZĞAN M. S.

International Symposium on Marine and Inland Pollution in the Black Sea and Mediterranean Sea, Istanbul, 01 January 2003

- XVI. **Pesticide Contamination in Drinking Water Reservoirs of Istanbul**  
YAZĞAN M. S.  
12th International Symposium on Environmental Pollution and its Impact on Life in The Mediterranean Region, sh. 26 Antalya, 01 January 2003
- XVII. **Beta Endosulfan Removal from Water by Ozone Oxidation**  
YAZĞAN M. S., KINACI C.  
5th Specialised Conference on Small Water and Wastewater Treatment Systems, 1037-1044, Istanbul, 01 January 2002
- XVIII. **Transportation Pathways of Pesticides in two Major Watersheds of Istanbul, Turkey**  
YAZĞAN M. S., TANIK A. G.  
6th Int. Conference on Diffuse Pollution, 51-58, Amsterdam, 01 January 2002
- XIX. **Trends in pesticide use in a world metropolis, Istanbul**  
TANIK A. G., YAZĞAN M. S., GÖNENÇ İ. E., UÇARLI İ.  
6th International HCH and Pesticides Forum Book, ed. J. Vijgen, S. Pruszyński, S. Stobiecki, W. Sliwinski, p. 457-463, Plant Protection Institute, Poland, 01 January 2002
- XX. **Pesticide Contamination in Terkos Drinking Water Reservoir of Istanbul**  
YAZĞAN M. S.  
6th Int. Conference on Diffuse Pollution, 608-613, Amsterdam, 01 January 2002
- XXI. **Pesticide Uses in the Catchment Areas of Drinking Water Resources of Istanbul**  
YAZĞAN M. S., KINACI C.  
Int. Conference on Water Resources and Environmental Impact Assessments, 213-221, Istanbul, 01 January 2001
- XXII. **Atmospheric Deposition and its Effects on Drinking Water Resources of Istanbul**  
ALP K., YAZĞAN M. S., ÇİTİL E., REİS B.  
Int. Conference on Water Resources and Environmental Impact Assessments, 223-232, Istanbul, 01 January 2001
- XXIII. **Seasonal Variations in the Water Quality of Atatürk Dam Lake**  
YAZĞAN M. S., ARMAĞAN B., YEŞİLNACAR M. İ.  
Int. Conference on Water Resources and Environmental Impact Assessments, 27-35, Istanbul, 01 January 2001
- XXIV. **A New Approach to Determine the Practical Ozone Dose for Colour Removal From Textile Wastewater**  
YAZĞAN M. S., SEVİMLİ M. F., SARIKAYA H. Z.  
Pan American Group Conference of International Ozone Association, Florida -USA, 01 January 2000
- XXV. **Effects of Atatürk Dam Lake on the Regional Climate Of The Near Areas**  
YAZĞAN M. S., YEŞİLNACAR M. İ., GÜLŞEN H.  
7th International Conference for the Israel Society for Ecology and Environmental Quality Sciences on Environmental Challenges for the Next Millennium, sh. 142, Jerusalem, Israel, 01 January 1999
- XXVI. **Estimated and Encountered Environmental Problems of Southeastern Anatolian Project (GAP), Turkey**  
YAZĞAN M. S., GERGER R., YEŞİLNACAR M. İ.  
7th International Conference for the Israel Society for Ecology and Environmental Quality Sciences on Environmental Challenges for the Next Millennium, sh. 69 Jerusalem, Israel, 01 January 1999
- XXVII. **An Investigation Of Existing Water Quality Of Atatürk Dam Lake, Turkey**  
YAZĞAN M. S.  
7th International Conference for the Israel Society for Ecology and Environmental Quality Sciences on Environmental Challenges for the Next Millennium, Jerusalem, SH. 141 Israel, 01 January 1999
- XXVIII. **An Investigation On The Factors Increasing Pesticide Pollution In Turkey**  
YAZĞAN M. S.  
10th International Symposium on Environmental Pollution and its Impact on Life in The Mediterranean Region, sh. 134 Spain, 01 January 1999

**XXIX. An Evaluation of Small Wastewater Treatment Systems for Turkey**

YAZĞAN M. S., KINACI C., TORÖZ İ., AKÇA L.

4th Specialised Conference on Small Wastewater Treatment Plants, Stratford upon Avon-UK, 01 January 1999

**XXX. Evaluation of the Irrigational Reuse Option of the Effluents of Konya City**

YAZĞAN M. S., SARIKAYA H. Z., AKÇA L., ÖZDEMİR C.

Int. Conference on Environmental Quality and Environmental Engineering in the Middle East Region, 438-447, Konya, 01 January 1998

**XXXI. Güneydoğu Anadolu Projesi ve Çevre Sorunları**

YAZĞAN M. S., YEŞİLNACAR M. İ., ARMAĞAN B., BOYBAY M., YÜCEL A.

Türk Devletleri Arasında 3. İlimi İşbirliği Konferansı, Urfa, 161-167, Başkurdistan, 01 January 1996

## Supported Projects

Yazgan M. S., Project Supported by Higher Education Institutions, Yayılı Kaynaklardan Alıcı Suy Ortamlarına Gelen N ve P Yüklerinin,Alt Havza Bazlı Thmini, 2012 - 2018

Yazgan M. S., Project Supported by Higher Education Institutions, yayılı kaynaklardan su kaynaklarına gelen N ve P Yüklerinin GIS ve Uzaktan Algılama Kullanılmadan Tahmini, 2010 - 2018

Yazgan M. S., Project Supported by Higher Education Institutions, Topraklardan Bor Elementinin Şelat Destekli Fitoremediasyon Yöntemi İle Uzaklaştırılması, 2007 - 2018

Yazgan M. S., Project Supported by Higher Education Institutions, Alfa ve Beta Endüsilfan Çözeltilisinin Ozanla Oksidansı, 2005 - 2018

Yazgan M. S., Project Supported by Higher Education Institutions, Pestisitlerin Topraktaki Adsorpsiyon Katsayılarının Doğru Tespit Edilmesi, 2004 - 2018

Yazgan M. S., Project Supported by Higher Education Institutions, Ağır Metallerin Topraklardan Şelat Destekli Ftoremediasyon Yöntemiyle Giderilmesi, 2006 - 2007

Yazgan M. S., Project Supported by Higher Education Institutions, Avrupa Birliği Su Çerçeve Yönetmeliğinin Türk Yönetmelikleri ile Karşılaştırılması ve Terkos Havzasında Uygulanması, 2006 - 2007

## Metrics

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