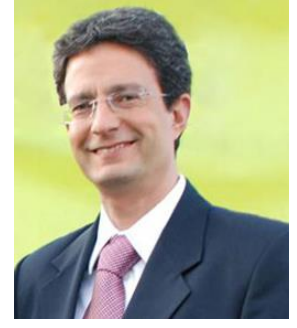


ÖZGEÇMİŞ

Prof. Dr. METE TAYANÇ



Doğum Yılı 1966
Yazışma Adresi Marmara Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, Göztepe Kampüsü, Kadıköy, 34722, İstanbul/Türkiye
Telefon 0216-3481369, 0533 8336841, 0535 2115659
Faks 0216-3481369
E-posta mtayanc@marmara.edu.tr
Medeni Durum Evli

EĞİTİM BİLGİLERİ VE AKADEMİK ÜNVANLAR

Üniversite	Fakülte/Enstitü	Bölüm	Derece/Ünvan	Yılı
Marmara Üniversitesi	Mühendislik Fakültesi	Çevre Mühendisliği	Profesör	2003
Marmara Üniversitesi	Mühendislik Fakültesi	Çevre Mühendisliği	Doçent	1997
Boğaziçi Üniversitesi	Çevre Bilimleri Enstitüsü	Çevre Bilimleri	Doktora	1995
Boğaziçi Üniversitesi	Çevre Bilimleri Enstitüsü	Çevre Bilimleri	Yüksek Lisans	1991
İstanbul Teknik Üniversitesi	Uçak ve Uzay Bilimleri Fakültesi	Meteoroloji Mühendisliği	Lisans	1988

İDARİ GÖREVLER

Kurum/Kuruluş	Bölüm/Birim	Görev Türü	Görev Dönemi
Marmara Üniversitesi	Çevre Mühendisliği	Çevre Bilimleri Anabilim Dalı Başkanı	2010- Devam Ediyor
Uluslararası Kıbrıs Üniversitesi	Mühendislik Fakültesi	Dekan	2007-2010
Uluslararası Kıbrıs Üniversitesi	Güzel Sanatlar Fakültesi	Dekan Vekili	2007-2009
TÜBİTAK	Çevre, Atmosfer, Yer ve Deniz Bilimleri Araştırma Grubu (ÇAYDAG)	Yürütme Komitesi Üyesi	2007-2013

Marmara Üniversitesi	Çevre Mühendisliği	Bölüm Başkan Yardımcılığı	2004-2007
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MESLEKTE DENEYİM

BİLİM KURULU VE ORGANİZASYON KOMİTESİ ÜYELİKLERİ

Konferans/Sempozyum/Dergi	Üyelik	Yer	Tarih
8. Uluslararası Görüntü İşleme, Wavelet ve Uygulamaları Konferansı (IWW2016)	Başkan Yardımcısı	Marmara Ün. - İstanbul	22-24 Eylül 2016
6. Ulusal Hava Kirliliği ve Kontrolü Sempozyumu	Bilim Kurulu Üyesi	Seferihisar - İzmir	7-9 Ekim 2015
VII. Atmospheric Science Symposium (ATMOS 2015)	Bilim Kurulu Üyesi	İTÜ - İstanbul	28-30 Nisan 2015
3rd Istanbul International Water Forum	S-4 Climate: What has changed - Rapporteur	Halic Congress Center-İstanbul	27-29 May 2014
5. Hava Kirliliği ve Kontrolü Sempozyumu	Bilim Kurulu Üyesi	Anadolu Ün. - Eskişehir	18-20 Eylül 2013
10.Ulusal Çevre Mühendisliği Kongresi	Bilim Kurulu Üyesi	Hacettepe Ün. - Ankara	12-14 Eylül 2013
TÜBİTAK Çevre Atmosfer Yer ve Deniz Bilimleri Araştırma Grubu (ÇAYDAG)	Yürütme Komitesi Üyesi	Ankara	2007-2013
Air Quality Management at Urban, Regional and Global Scales (AQM 2012) 4th International Symposium and IUAPPA Regional Conference	Bilimsel Danışman	İTÜ - İstanbul	10-13 Eylül 2012
International Conference on Recycling and Reuse	Bilim Kurulu Üyesi	İÜ - İstanbul	4-6 Haziran 2012
3. Ulusal Katı Atık Yönetimi Kongresi (UKAY 2011)	Bilim Kurulu Üyesi	UKÜ - Lefkoşa	7-10 Eylül 2011
IV. Hava Kirliliği ve Kontrolü Sempozyumu (HKK2010)	Bilim Kurulu Üyesi	ODTÜ - Ankara	25-27 Ekim 2010
Türkiye'de Katı Atık Yönetimi Sempozyumu (TÜRKAY 2009)	Bilim Kurulu Üyesi	YTÜ - İstanbul	15-17 Haziran 2009
IVth International Workshop on Applications of Wavelets to Real World Problems (IWW2009)	Bilim Kurulu Üyesi	Kocaeli	5-7 Haziran 2009
7th International Conference on Air Quality - Science and Application	Organizasyon Komitesi Üyesi	İstanbul	24-27 Mart 2009-
Hava Kirliliği ve Kontrolü Ulusal Sempozyumu – 2008	Bilim Kurulu Üyesi	Hatay	22-25 Ekim 2008

Kerpic 08 – Learning From Earthen Architecture in Climate Change	Bilim Kurulu Üyesi	UKÜ - Lefkoşa	4-5 Eylül 2008
AB Sürecinde Türkiye’de Katı Atık Yönetimi ve Çevre Sorunları Sempozyumu (TÜRKAY 2007)	Bilim Kurulu Üyesi	İstanbul	28-31 Mayıs 2007
Katı Atık ve Çevre Dergisi	Bilim Kurulu Üyesi	İstanbul	Devam Ediyor
Hava Kirliliği Araştırmaları Dergisi	Danışma Kurulu Üyesi	İzmir	2012 - Devam Ediyor

PROJE YÜRÜTÜCÜLÜĞÜ VE ARAŞTIRMACILIĞI

Proje Adı	Tür	Görev	Tarih
Kirklareli’de Partiküler Madde ve Bulk Birikim Çalışması: Şehir ve Kırsalda Partiküler Madde Kirliliğinin İstatistik ve Fiziksel Modellerle Değerlendirilmesi	TÜBİTAK 116Y163 sayılı Araştırma Projesi	Araştırmacı	2017 - Devam Ediyor
Uzak etkileşim Paternlerinin Türkiye İkliminde Ekstrem Etkileri	MÜ BAPKO Projesi FEN-C-YLP-091116-0499	Yürütücü	2016 - 2017
Atmosferik Aerosollerde PM2.5 ve Saatlik Yarı Uçucu Organik Bileşiklerin Araştırılması	TÜBİTAK 115Y625 sayılı Araştırma Projesi	Araştırmacı	2016 - Devam Ediyor
8. Uluslararası Görüntü İşleme, Wavelet ve Uygulamaları Konferansı (IWW2016)	MÜ BAPKO Projesi FEN-L -250416-0180	Yürütücü	2016
Nanoteknolojinin Su/Atıksu Arıtım Uygulamaları	MÜ BAPKO Projesi FEN-E-120314-0066	Yürütücü	2014 - 2016
Türkiye’deki Rüzgar Enerji Potansiyelinin İstatistiksel Analizi	MÜ BAPKO Projesi FEN-C-YLP-090414-0102	Yürütücü	2014 - 2015
Kuyu Sıcaklık-Derinlik Ölçüm Sistemi Geliştirme ve Türkiye’de Son İki Yüzyıllık İklim Değişiminin Araştırılması	TÜBİTAK 113Y019 sayılı Araştırma Projesi	Araştırmacı	2013 - Devam Ediyor
Batı Anadolu’da İklim Değişiminin Kuyu Paleoklim Yöntemiyle Belirlenmesi	MÜ BAPKO Projesi FEN-A -100413-0127	Araştırmacı	2013 - 2015
Türkiye’de İklim Değişkenliği: İstanbul’da Yeni Bir Gözlem Ağı ve Tarihsel Veriler	TÜBİTAK 106Y258 sayılı Araştırma Projesi	Yürütücü	2007-2009
Türkiye’deki Güncel Veri Bankası ile İklim Değişikliğinin İncelenmesi	TÜBİTAK 106Y212 sayılı Hızlı Destek Projesi	Yürütücü	2006-2008

Karmaşık Meteorolojik Alanların Simulasyonları ile Şehir ve Bölgesel Ölçekte Hava Kirliliğinin Değerlendirilmesi; İstanbul ve Kocaeli Körfez Örneği	TÜBİTAK 105Y005 sayılı COST Projesi	Araştırmacı	2007-2010
İstanbul'da polisiklik aromatik hidrokarbonların atmosferik birikiminin ve konsantrasyon dağılımının belirlenmesi ve değerlendirilmesi	TÜBİTAK 104Y194 sayılı Araştırma Projesi	Araştırmacı	2005-2010
Yağış Alt-Olay Örnekleme ve Analizi İle Bulut Altı Temizleme Mekanizmasının İncelenmesi	TÜBİTAK 109R022 sayılı Araştırma Projesi	Araştırmacı	2010-2012
Otomatik ve İnternet Erişimli Alt-Olay Yağış Örnekleme ve Analizi	TÜBİTAK 105Y313 sayılı Araştırma Projesi	Araştırmacı	2006-2008
Hava Kalitesi Ölçüm Sistemlerinin Kurulması	TÜBİTAK 104I025 sayılı Araştırma Projesi	Araştırmacı	2004-2006
Marmara Üniversitesi Bapko Projesi	FEN-BGS-120707-0153	Araştırmacı	2007-2009

UZMANLIK ALANLARI

Uzmanlık Alanları
Hava Kirliliği, Modelleme, İklim Değişikliği, Atmosfer Bilimleri, Diğer

ÖDÜLLER

Ödülün Adı	Alındığı Kuruluş	Yılı
Yönettiği Doktora Tezinden Üretilmiş SCI Makaleleri	Marmara Üniversitesi	2004
Yayımlanmış SCI Makaleleri Ödülü	Marmara Üniversitesi	2002
Üniversite Birincisi Olarak Mezuniyet	İstanbul Teknik Üniversitesi	1988
Lise ve Dengi Okullar Arası Kimya Yarışması Kıbrıs Bölgesi Üçüncülüğü	TÜBİTAK Başkanlık	1984

YAYINLAR

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Im U., Incecik S., Guler M., Tek A., Topcu S., Unal Y.S., Yenigun O., Kindap T., Odman M.T., Tayanc M., 2013. Analysis of surface ozone and nitrogen oxides at urban, semi-rural and rural sites in Istanbul, Turkey, <i>Science of the Total Environment</i> , 443, 920-931
OZDEMIR, H, A. UNAL, T. KINDAP, U. U. TURUNCOGLU, Z. O. DURMUSOGLU, M. KHAN, M. TAYANC, M. KARACA (2012) Quantification of the urban heat island under a changing climate over Anatolian Peninsula, <i>Theoretical and Applied Climatology</i> , 108, 31-38, DOI: 10.1007/s00704-011-0515-8
İM, U, A. POUPKOU, S. INCECIK, K. MARKAKIS, T. KINDAP, A. UNAL, D. MELAS, O. YENIGUN, S. TOPCU, M. T. ODMAN, M. TAYANC, M. GULER, (2011) The impact of anthropogenic and biogenic emissions on surface ozone concentrations in Istanbul, <i>Sci Total Environ</i> , 409, 1255-1265, doi:10.1016/j.scitotenv.2010.12.026
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AKKOYUNLU, B.O. and M. TAYANÇ (2008) Four Storms With Sub-Events: Sampling and Analysis, <i>Environment International</i> , 34, 5, 606-612
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İM, U., M. TAYANÇ, and O. YENİGÜN (2006) Analysis of Major Photochemical Pollutants with Meteorological Factors for High Ozone Days in İstanbul, Turkey, <i>Water, Air and Soil Pollution</i> , 175, 335-359.
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TAYANÇ, M. and H. TOROS (1997) Urbanization Effects on Regional Climate Change in the Case of Four

Large Cities of Turkey, Climatic Change, 35, 501-524.

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KARACA M., M. TAYANÇ and H. TOROS (1995) The Effects of Urbanization on Climate of İstanbul and Ankara, Atmos. Environ., Urban Atmospheres, 29, 3411-3421.

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ORUÇ İLKER, AKKOYUNLU BÜLENT OKTAY, DOĞRUEL MURAT, TAYANÇ METE (2017). Ion Concentrations And Sources Of Sequential Sampling Of Wet Deposition In Istanbul, Turkey. Uluslararası Muhendislik Arastirma ve Gelistirme Dergisi, 9(2), 131-136., Doi: 10.29137/umagd.352522

Hakemli konferans/sempozyumların bildiri kitaplarında yer alan yayınlar

AKKOYUNLU BÜLENT OKTAY, BALTACI HAKKI, DOĞRUEL MURAT, TAYANÇ METE (2017). INVESTIGATION OF CLIMATE CHANGE IN TURKEY BY FOURIER HARMONICS. 1st International Turkish World Engineering and Science Congress

ERKAN KAMİL, DOĞRUEL MURAT, AKKOYUNLU BÜLENT OKTAY, BAYAT FAZLI KEMAL, ŞİŞMAN ALPER, BALKAN ELİF, TAYANÇ METE (2017). DEVELOPMENT OF A DIGITAL DATA TRANSMISSION PORTABLE BOREHOLE TEMPERATURE LOGGING SYSTEM FOR CLIMATOLOGICAL AND GEOTHERMAL STUDIES. 9th International Symposium on Image Processing, Wavelet and Applications

TAYANÇ METE, ERKAN KAMİL, AKKOYUNLU BÜLENT OKTAY, BALTACI HAKKI (2017) STATISTICAL ANALYSIS OF TEMPERATURE AND PRECIPITATION SERIES OF TURKEY. 9th International Symposium on Image Processing, Wavelet and Applications

AKKOYUNLU BÜLENT OKTAY, DOĞRUEL MURAT, BALTACI HAKKI, TAYANÇ METE (2017). HARMONIC ANALYSIS OF TURKISH CLIMATIC SERIES. 9th International Symposium on Image Processing, Wavelet and Applications

GÖK AKIN EMRECAN, FLORES RANGEL ROSA MARIA, ÖZDEMİR HÜSEYİN, AKKOYUNLU BÜLENT OKTAY, DEMİR GÖKSEL, ÜNAL ALPER, TAYANÇ METE (2017). EVALUATION OF A THERMAL DESORPTION METHOD FOR COMPLETE CHARACTERIZATION OF ORGANIC AEROSOLS. 8th Atmospheric Sciences Symposium

Gök Akın Emreçan, FLORES RANGEL ROSA MARIA, Özdemir Hüseyin, AKKOYUNLU BÜLENT OKTAY, DEMİR GÖKSEL, TAYANÇ METE (2017). Semi-volatile Organic Aerosol Composition in High-Time Resolved Ambient Air PM 2.5 Samples: Preliminary Results. 2nd INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING

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AKKOYUNLU, B., M. DOĞRUEL, M. TAYANÇ, Climate Classification by Signal Processing: A Case Study for Turkey, 8th International Conference on Image Processing, Wavelet and Applications (IWW 2016), Istanbul, Turkey, 22-24 September 2016.

AKKOYUNLU, B., M. DOĞRUEL, M. TAYANÇ, Fourier Transform of Temperature Series in Detecting Climate Change, 8th International Conference on Image Processing, Wavelet and Applications (IWW 2016), Istanbul, Turkey, 22-24 September 2016.

ERKAN, K., M. TAYANÇ, B. AKKOYUNLU, M. DOĞRUEL, M. İNAL, E. BALKAN, 20th Century Climatic Changes in Western Turkey from Borehole Climatologic Records, 8th International Conference on Image Processing, Wavelet and Applications (IWW 2016), Istanbul, Turkey, 22-24 September 2016.

İNAL, M.O., ERKAN, K., TAYANÇ, M., AKKOYUNLU, B., BALKAN, E., EREN, E.S., and AYDIN Y. (2016), "Paleoclimatic Modeling of Borehole Temperature-Depth Data and Applications for the Recent Climatic

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ERKAN, K., M. DOĞRUDEL, K. BAYAT, B. AKKOYUNLU, M. TAYANÇ, E. BALKAN, S. HAMAMCI, "Development of a Digital Output Temperature Probe for Precision Measurements", <i>GRC Transactions</i> , 39, 1069-1072, presented at GRC Annual Meeting, September 20-23, 2015, Reno, NV, USA.
BALTACI H., T. KINDAP, K.P. CHUN, Ö. YETEMEN, A. ÜNAL, M. TAYANÇ, M. KARACA, Trends in Daily Climate Extremes in Marmara Region (NW Turkey) and Their Connection to the Atmospheric Circulation Types, VII. Atmospheric Science Symposium (ATMOS 2015), İstanbul, Turkey, 28-30 April 2015.
ARSLAN, H., M. TAYANÇ, Analysis of Wind Speed Variability in Turkey via Mann-Kendall Statistics , VII. Atmospheric Science Symposium (ATMOS 2015), İstanbul, Turkey, 28-30 April 2015.
ARSLAN, H., M. TAYANÇ, Wind Speed Variability with respect to Warm-Dry and Cool-Wet Periods over Turkey and Determination of Wind Power Density, 4th International Conference on Environment and BioScience (ICEBS 2014), Jinju, South Korea, October 8-9, 2014.
ARSLAN, H., M. TAYANÇ, Investigation of Wind Energy Potential in Turkey via Statistical Analysis, International Environmental Sciences Symposium of Van (IESSV '14), Van, Turkey, June 04-07, 2014.
İM, U., S. INCECIK, M. GULER, S. TOPCU, Y.S. UNAL, O. YENIGUN, T. KINDAP, M.T. ODMAN, M. TAYANÇ, A. TEK "Analysis of surface ozone and nitrogen oxides at urban, semi-urban and rural sites in Istanbul, Turkey" Air Quality Management at Urban, Regional and Global Scales, 4th International Symposium and IUAPPA Regional Conference, Istanbul –Turkey, September 2012.
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AKKOYUNLU, B. O., I. ORUC, M. TAYANÇ, the Chemistry of Wet Deposition Flux in Istanbul, TURKEY, 11th International Multidisciplinary Scientific GeoConference (SGEM 2011), 1255-1262, Albena, Bulgaria, Jun 20-25, 2011.
İM, U., S. INCECIK, K. MARKAKIS, T. KINDAP, A. POUPKOU, O. YENIGUN, M. T. ODMAN, S. TOPCU, M. TAYANÇ, D. MELAS, An Investigation of High Summertime Ozone Level in Istanbul with MM5/CMAQ Modeling System, 30th NATO/SPS International Technical Meeting on Air Pollution Modeling and Its Applications, San Francisco, CA, May 18-22, 2009.
TAYANÇ, M., H. ÖZDEMİR, F. OKTAY, Regional Climate Change in Turkey and North Cyprus, 3rd International Conference on Sustainable Energy & Environmental Protection (SEEP 2009), Dublin, Ireland, 12-15 August 2009.
AKKOYUNLU, B. O., M. TAYANÇ, M DOĞRUDEL, I. ORUÇ, Design and Manufacture of an Automatic Sequential Rain Sampler: Testing With Sub-Events SGEM 2008: 8th International Scientific Conference, Vol I, Conference Proceedings - Modern Management Of Mine Producing Geology and Environmental Protection, Sofia, Bulgaria, 16-20 Jun 2008, 637-643.
TAYANÇ, M., A. BERÇİN and H. ÖZDEMİR, Modeling SO ₂ Dispersion During 1-8 March 1998 Episode over İzmit Gulf, Turkey, 11th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Cambridge, 2 -5 July 2007.
TAYANÇ, M., U. İM, M. DOĞRUDEL and M. KARACA, Climate Change in Turkey: Temporal and Spatial Variability, IUGG XXIV 2007, Earth: Our Changing Planet, Perugia, Italy, July 2-13, 2007.
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TAYANÇ, M. and H. TOROS, Urbanization Effects on Regional Climate Change in Turkey, AGU 2006 Western Pacific Geophysics Meeting, Beijing, China, July 24-27, 2006.
KINDAP, T., O. M. GÖKTÜRK, T. SANCAR, M. KARACA, U. U. TURUNÇOĞLU, M. TAYANÇ, Metsamor Nükleer Enerji Santralinin GAP Bölgesine Tehditi, GAP V. Mühendislik Kongresi, Harran, Urfa, 26-28 Nisan 2006.
İM, U., M. TAYANÇ, and O. YENİGÜN, A Study of Photochemical Pollution in İstanbul, 3rd International Symposium on Air Quality Management at Urban, Regional and Global Scales, İstanbul, Turkey, September 26-30, 2005.
TAYANÇ, M., and A. BERÇİN, Modeling SO ₂ Dispersion During 5-6 February 1997 Episode over İzmit Gulf, Turkey, 3rd International Symposium on Air Quality Management at Urban, Regional and Global Scales, İstanbul, Turkey, September 26-30, 2005.
AKKOYUNLU, B. O., and M. TAYANÇ, Four Storms with Sub-Events: Sampling and Analysis, 3rd International Symposium on Air Quality Management at Urban, Regional and Global Scales, İstanbul, Turkey, September 26-30, 2005.
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TAYANÇ, M., A. ANBAR, K. SAKA, M. KUPÇU, and B. O. AKKOYUNLU, Modeling of Industrial SO ₂ Emissions and Tüpraş Fire Releases During 1999 Earthquake in Gebze-Kocaeli, Turkey, 13th World Clean Air and Environmental Protection Congress and Exhibition, London, UK, August 22 - 27, 2004.
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