

ÖZGEÇMİŞ

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Doğum Yılı 1966
Yazışma Adresi Marmara Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, Göztepe Kampüsü, Kadıköy, 34722, İstanbul/Türkiye
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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
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-
Marmara Üniversitesi	Çevre Mühendisliği	Bölüm Başkan Yardımcılığı	2004-2007

MESLEKTE DENEYİM

BİLİM KURULU VE ORGANİZASYON KOMİTESİ ÜYELİKLERİ (Son 3 Yıl)

Konferans/Sempozyum/Dergi	Üyelik	Yer	Tarih
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

PROJE YÜRÜTÜCÜLÜĞÜ VE ARAŞTIRMACILIĞI (Son 5 Yıl)

Proje Adı	Tür	Görev	Tarih
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
Yağış Alt-Olay Örnekleme ve Analizi İle Bulut Altı Temizleme Mekanizmasının İncelenmesi	TÜBİTAK 109R022 sayılı Araştırma Projesi	Araştırmacı	2010-
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 Babko 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 Ödülü	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

SCI, SSCI, AHCI indekslerine giren dergilerde yayımlanan makaleler

İM U, A. POUPKOU, S. INCECIK, K. MARKAKIS, T. KINDAP, A. UNAL, D. MELAS, O. YENIGUN, S. TOPCU, M. T. ODMAN, M. TAYANÇ, M. GULER, (2011) The impact of anthropogenic and biogenic emissions on surface ozone concentrations in Istanbul, Science of the Total Environment, 409, 7, 1255-1265.
TAYANÇ, M., U. İM, M. DOĞRUJEL and M. KARACA (2009) Climate change in Turkey for the last half century, Climatic Change, 94, 483-502.
AKKOYUNLU, B.O. and M. TAYANÇ (2008) Four Storms With Sub-Events: Sampling and Analysis, Environment International, 34, 5, 606-612
İM, U., M. TAYANÇ and O. YENİGÜN (2008) Interaction patterns of major photochemical pollutants in Istanbul, Turkey, Atmospheric Research, 89, 4, 382-390
TAYANÇ, M. and A. BERÇİN (2007) SO2 Modeling in İzmit Gulf, Turkey, During the Winter of 1997: 3 Cases, Environmental Modeling and Assessment, 12, 119-129
İM, U., M. TAYANÇ, and O. YENİGÜN (2006) Analysis of Major Photochemical Pollutants with Meteorological Factors for High Ozone Days in İstanbul, Turkey, Water, Air and Soil Pollution, 175, 335-359.
AKKOYUNLU, B. O. and M. TAYANÇ (2003) Analysis of Wet and Bulk Deposition in Four Different Regions of İstanbul, Turkey, Atmos. Environ., 37, 3571-35.
OKAY, C, B. O. AKKOYUNLU and M. TAYANÇ (2002) Composition of Wet Deposition in Kaynarca, Turkey, Environmental Pollution, 118, 401-410.
TAYANÇ, M. (2000) An Assessment of Spatial and Temporal Variation of Sulfur Dioxide Levels over İstanbul, Turkey, Environmental Pollution, 107, 61-69.

AKKOYUNLU, B. O., M. TAYANÇ, and M. KARACA (2003) Study of Bulk and Sub-event Wet Deposition in Gebze, Turkey, Water, Air and Soil Pollution: Focus,3,135-149.
KARACA, M., A. DENİZ, and M. TAYANÇ (2000) Cyclone Track Variability over Turkey in Association with Regional Climate, Int. J. of Climatol., 20, 1225-1236.
GÜLSOY, G., M. TAYANÇ and F. ERTÜRK (1999) Chemical Analyses of the Major Ions in the Precipitation of İstanbul, Turkey, Environmental Pollution, 105, 273-280.
TAYANÇ, M., M. KARACA, and H. N. DALFES (1998) March 1987 Cyclone (Blizzard) over the Eastern Mediterranean and Balkan Region Associated with Blocking, Mon. Wea. Rev., 126, 3036-3047.
TAYANÇ, M., H. N. DALFES, M. KARACA, and O. YENİGÜN (1998) A Comparative Assessment of Different Methodologies for Detecting Inhomogeneities in Turkish Temperature Dataset, Int. J. of Climatol., 18, 561-578.
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.
TAYANÇ, M., M. KARACA, and O. YENİGÜN (1997) Annual and Seasonal Air Temperature Trend Patterns of Climate Change and Urbanization Effects in Relation with Air Pollutants in Turkey, J. Geophys. Res., 102 , No. D2 ,1909-1919.
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.

Hakemli konferans/sempozyumların bildiri kitaplarında yer alan yayınlar

IM U., INCECIK S., KINDAP T., YENIGUN O., ODMAN M.T., TOPCU S., TAYANC M., 2010. An investigation of high summertime ozone levels in Istanbul by using MM5/CMAQ modeling system. The 15th IUAPPA World Clean Air Congress, September 12-16, 2010, Vancouver, Canada.
IM U., INCECIK S., YENIGUN O., MARKAKIS K., KINDAP T., POUPKOU A., ODMAN M.T., TOPCU S., TAYANC M., 2010. An investigation of high summertime ozone levels in Istanbul with MM5/CMAQ modeling system. An International Workshop on Mesoscale Modeling for Air Pollution Applications - Achievements and Challenges, 25-26 February 2010, Geneva, Switzerland – COST Action 728 Final Workshop.
IM, U., S. INCECIK, K. MARKAKIS, T. KINDAP, A. POUPKOU, O. YENIGUN, M. T. ODMAN, S. TOPCU, M. TAYANC, 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.
IM U., TEK A., KINDAP T., TOPCU S., INCECIK S., YENIGUN O., ODMAN M. T., TAYANC M., 2009. Investigation of tropospheric ozone levels in urban and semi-urban areas of Istanbul. 7th International Conference on Air Quality - Science and Application (Air Quality 2009), Istanbul, 24-27 March 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 DOĞRUEL, 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.
IM U., TAYANC M., YENIGUN O., 2007. Temporal analysis of 2001-2003 ozone and nitrogen oxide data of the İstanbul ozone. Second ACCENT Symposium, Atmospheric Composition Change: Causes and Consequences – Local to Global, July 23-27, Urbino, Italy.
TAYANÇ, M., A. BERÇİN and H. ÖZDEMİR, Modeling SO2 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. DOĞRUEL and M. KARACA, Climate Change in Turkey: Temporal and Spatial Variability, IUGG XXIV 2007, Earth: Our Changing Planet, Perugia, Italy, July 2-13, 2007.
TAYANÇ, M., Global Climate Change and Disasters: Effects on Turkey and Cyprus, 1. International Conference on National and International Coordination, Cooperation and Humanitarian Assistance in Natural Disaster and State of Emergency, Girne, KKTC, 17-18 Nisan 2007.
TAYANÇ, M., U. İM, M. DOĞRUEL and M. KARACA, Signal and Trend Analysis of Temperature Series: A Turkish Case, International Conference on Environment: Survival and Sustainability, Lefkoşa, KKTC, 19-24 Şubat 2007
İM, U. and M. TAYANÇ, Annual and Seasonal Trend Patterns of Climate Change in Turkey, International Conference on Climate Change and the Middle East: Past Present and Future, İstanbul, Turkey, November 20-23, 2006.
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.
BERÇİN, A., and M. TAYANÇ, Calpuff Simulations of SO ₂ over İzmit Gulf, Turkey During the Winter of 1997: 3 Cases, 1st International Conference on Air Pollution and Combustion (CAPAC), Ankara, Turkey, June 22 - 25, 2005.
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.
AKKOYUNLU, B. O., M. TAYANÇ, B. E. ERDOĞAN, and B. SENNAROĞLU, Statistical Analyses of the Wet and Bulk Deposition of İstanbul, Turkey, 13th World Clean Air and Environmental Protection Congress and Exhibition, London, UK, August 22 - 27, 2004.
ÖZYILMAZ, S., KELEŞ, G., AKBULUT, S., TAYANÇ, M. ve AKKOYUNLU, B. O., İstanbul Atmosferinde Kurşun Kirliliğinin İncelenmesi, V. Ulusal Çevre Mühendisliği Kongresi, 357-364, Ekim 2003.
TAYANÇ, M., N. GARİPAĞAOĞLU and B. O. AKKOYUNLU, Investigation of the Variability of SO ₂ and PM in the Large Cities of Turkey, 26th NATO/CCMS International Technical Meeting on Air Pollution Modeling and Its Application, İstanbul, Turkey, May 26-30, 2003.
AKKOYUNLU, B. O. and M. TAYANÇ, Analysis of Wet and Bulk Deposition in Four Different Regions of İstanbul, Agro-Environ 2002, 3rd International Symposium on Sustainable Agro-Environmental Systems: New Technologies and Applications, Cairo, Egypt, 26-29 October, 2002.
AKKOYUNLU, B. O. and M. TAYANÇ, Analysis and Source Determination of Chemical Deposition in Five Different Regions of İstanbul, Turkey, NATO Advanced Research Workshop (ARW) on Air Pollution Processes in Regional Scale, Kallithea, Greece, June 13-15, 2002
AKKOYUNLU, B. O., M. TAYANÇ, and M. KARACA, Analysis of Bulk and Sub-Event Wet Deposition in Gebze, Second International Symposium on Air Quality Management at Urban, Regional and Global Scales, İstanbul, September 25-28, 2001.

TAYANÇ, M., and M. KARACA, Urbanization Effects on the Local Climate of Selected Cities in Turkey, 3rd European Conference on Applied Climatology, Pisa, Italy, 16-20 October 2000.
TAYANÇ, M., Environmental Impact Assessment of Transportation in Turkey, 14th Workshop of Methodology, Evaluation and Scope of EIA, Brussels, Belgium, 10-12 February 1999.
KARACA, M., and M. TAYANÇ, Urbanization Effects on the Regional Climate Change in Turkey, 2nd European Conference on Applied Climatology, Vienna, Austria, 19-23 October 1998.
TAYANÇ, M., and G. GÖÇMEN, Measurement and Analysis of Photochemical Smog over İstanbul, Turkey, 23rd NATO/CCMS International Technical Meeting on Air Pollution Modeling and Its Application, Varna, Bulgaria, September 28-October 2, 1998.
GÜLSOY, G., M. TAYANÇ and F. ERTÜRK, Chemical Analyses of the Major Ions in the Precipitation of İstanbul, Turkey, 1st International Symposium on Issues in Environmental Pollution, IEP98, Denver, Colorado, USA, August 23-26, 1998.
TAYANÇ, M., Health Impact Assessment and Risk Assessment in Turkey, 13th Workshop of Methodology, Evaluation and Scope of EIA, Faro, Portugal, 23-27 March 1998.
TAYANÇ, M., The Possibility of Applying Cloud Seeding over Cyprus, International Conference on Water Problems in the Mediterranean Countries, Nicosia, North Cyprus, 17-21 November 1997.
GÜLSOY, G., M. TAYANÇ, F. ERTÜRK, and M. KARACA, Neutralization of Acid Precipitation in İstanbul, Turkey, Air Quality Management at Urban, Regional and Global Scales, 10th Regional IUAPPA Conference, İstanbul, September 23-26, 1997.
TAYANÇ, M., M. KARACA, A. SARAL, F. ERTÜRK, and Y. BORHAN, Investigation of SO ₂ Dispersion in İstanbul, Turkey, 2nd European and African Conference on Wind Engineering (2 EACWE), Genova, Italy, June 22-26, 1997.
TAYANÇ, M., M. KARACA, A. SARAL, and F. ERTÜRK, Study of the Decrease of Air Pollution Concentration Levels with the Meteorological Factors, 22st NATO/CCMS International Technical Meeting on Air Pollution Modeling and Its Application, Clermont-Ferrand, France, June 2-6, 1997.
TAYANÇ, M., M. KARACA, A. SARAL, and F. ERTÜRK, İstanbul'da Hava Kirliliği Modellemesi, Uygulamaları ve Çözüm Önerileri, 1. Uludağ Çevre Mühendisliği Sempozyumu, Bursa, 24-26 Haziran 1996.
KARACA, M., A. SARAL, M. TAYANÇ and F. ERTÜRK, Analysis of Air Pollutants in İstanbul: A Preliminary Study, 21st NATO/CCMS International Technical Meeting on Air Pollution Modeling and Its Application, Baltimore, USA, November 6-10, 1995.

Kitaplarda bölüm olarak yayımlanan makaleler

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, Air Pollution Modeling and Its Application XX, Book Series: NATO Science for Peace and Security Series B-Physics and Biophysics, 373-378, 2010.
TAYANÇ, M., N. GARİPAĞAOĞLU and B. O. AKKOYUNLU, Investigation of the variability of SO ₂ and PM in the large cities of Turkey, Air Pollution Modeling and Its Application XVI, Book Series: NATO - Challenges of Modern Society, 16, 613-614, 2004.
AKKOYUNLU, B. O. and M. TAYANÇ, (2002) Analysis of Wet and Bulk Deposition in Five Different Regions of İstanbul, Appropriate Environmental and Solid Waste Management and Technologies for Developing Countries, Eds: Kocasoy, Atabarut and Nuhoğlu, International Solid Waste Association, 2625-2632.
TAYANÇ, M., and G. Göçmen, (2000) Measurement and Analysis of Photochemical Smog over İstanbul, Turkey, Air Pollution Modeling and Its Application XIII, Eds: Gryning and Batchvarova, Kluwer Academic/Plenum Publishers, New York, 737-738.
TAYANÇ, M., and A. SARAL, (1999) A Study of Sulfur Dioxide Distribution over İstanbul, Turkey and

Preliminary Results of Neural Network Analysis, Large Scale Computations in Air Pollution Modelling , Eds.: Z. Zlatev et al., Kluwer Academic Publishers, 313-324.

TAYANÇ, M., M. KARACA, A. SARAL, and F. ERTÜRK, (1998) Study of the Decrease of Air Pollution Concentration Levels with the Meteorological Factors in İstanbul Air Pollution Modeling and Its Application XII, Eds: Gryning and Chaumerliac, Plenum Press, New York, 699-702.

KARACA, M., A. SARAL, M. TAYANÇ and F. ERTÜRK, (1996) Analysis of Air Pollutants in İstanbul: A Preliminary Study, Air Pollution Modeling and Its Application XI, Eds: Gryning and Schiermeier, Plenum Press, New York, 679-682.

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