

ÖZGEÇMİŞ

1. Adı – Soyadı: M. Tufan Turp

2. Unvanı: Öğretim Görevlisi

3. Öğrenim Durumu:

Derece	Alan	Üniversite	Yıl
Lisans	Fizik	Yıldız Teknik Üniversitesi	2006
Yüksek Lisans	Hesaplama Bilim ve Mühendislik	Boğaziçi Üniversitesi	2010
Doktora	Çevre Bilimleri	Boğaziçi Üniversitesi	Devam ediyor

4. Akademik Unvanlar:

Yıl	Unvan	Üniversite	Bölüm
2015	Öğretim Görevlisi	Işık Üniversitesi	Optisyenlik

5. Yayınlar

5.1. SCI Expanded – SSCI Kapsamındaki Uluslararası Hakemli Dergilerdeki Yayınlar

“Projected Changes in Temperature and Precipitation Climatology of Central Asia CORDEX Region 8 by Using RegCM4.3.5”, Tugba Ozturk, **M. Tufan Turp**, Murat Türkeş, M. Levent Kurnaz, Atmospheric Research, Vol.183, 296-307 (2017).

“Impact of Climate Change on Ski Resorts in Northeast Turkey: A Dynamical Downscaling Approach”, Osman Cenk Demiroglu, **Mustafa Tufan Turp**, Tugba Ozturk, Mehmet Levent Kurnaz, Atmosphere, 7, 52 (2016).

5.2. Uluslararası Hakemli Dergilerdeki Diğer Yayınlar

“Modeling of Near Future Air Temperature and Precipitation Climatology of Turkey and Surrounding Regions”, **M. Tufan Turp**, Tugba Ozturk, Murat Türkeş, M. Levent Kurnaz, Journal of the Black Sea / Mediterranean Environment, Vol.21, Special Issue, 89-92 (2015).

“Assessment of Projected Changes in Air Temperature and Precipitation over the Mediterranean Region via Multi-Model Ensemble Mean of CMIP5 Models”, **M. Tufan Turp**, Tugba Ozturk, Murat Türkeş, M. Levent Kurnaz, Journal of the Black Sea / Mediterranean Environment, Vol.21, Special Issue, 93-96 (2015).

5.3. Uluslararası Bilimsel Toplantılarda Sunulan ve Bildiri Kitabında (Proceeding) Basılan Bildiriler

“Impacts of Climate Change on Snow Reliability of Ski Resorts in Sweden”, O. Cenk Demiroglu, **M. T. Turp**, K. Collu, M. L. Kurnaz, The International Congress of Arctic Social Sciences (ICASS) IX, Umeå-Sweden, 8 – 12 June (2017).

“Future Tourism Related Climate of Ski Resorts in Northern Finland”, O. Cenk Demiroglu, Kamil Collu, **M. Tufan Turp**, Nazan An, M. Levent Kurnaz, The 1st Workshop on the Future of Winter Tourism (FWT2017), Rovaniemi-Finland, 3 – 5 April (2017).

“Determination of the Changes of Drought Occurrence in Turkey Using Regional Climate Modeling”, Fatma Sibel Saygili, **M. Tufan Turp**, M. Levent Kurnaz, Geophysical Research Abstracts Vol. 19, EGU2017-1265, 2017 EGU General Assembly 2017, Vienna Austria, 23 – 28 April (2017).

“Projections for Changes in Precipitation Extremes of the CORDEX-Central Asia Domain using RegCM4.3.5 under RCP8.5 Scenario”, Alkor Ezer, Tugba Ozturk, **M. Tufan Turp**, M. Levent Kurnaz, Geophysical Research Abstracts Vol. 19, EGU2017-5440, 2017 EGU General Assembly 2017, Vienna Austria, 23 – 28 April (2017).

“Climate Variability Impacts in the Long Term: Hazelnut Yield in Turkey”, Nazan An, **M. Tufan Turp**, M. Levent Kurnaz, Geophysical Research Abstracts Vol. 19, EGU2017-8432, 2017 EGU General Assembly 2017, Vienna Austria, 23 – 28 April (2017).

“Future Projections of Heating and Cooling Degree Days in a Changing Climate of Turkey”, Nazan An, **M. Tufan Turp**, M. Levent Kurnaz, Geophysical Research Abstracts Vol. 19, EGU2017-10134, 2017 EGU General Assembly 2017, Vienna Austria, 23 – 28 April (2017).

“Investigation of High-resolution Climate Projections over Turkey and its Surrounding Regions using RegCM4.4”, Tugba Ozturk, **Mustafa Tufan Turp**, Murat Türkeş, Mehmet Levent Kurnaz, Geophysical Research Abstracts Vol. 19, EGU2017-8020, 2017 EGU General Assembly 2017, Vienna Austria, 23 – 28 April (2017).

“Evaluation of Prospective Changes in Temperature Extremes for the CORDEX-Australasia Domain Using the NEX-GDDP Dataset”, **M. Tufan Turp**, Nazan An, M. Levent Kurnaz, Geophysical Research Abstracts Vol. 19, EGU2017-10531, 2017 EGU General Assembly 2017, Vienna Austria, 23 – 28 April (2017).

“CMIP5 Multi-Model Projection of the Changes in Air Temperature and Precipitation Climatology over the CORDEX-Australasia Domain under the RCP2.6 Scenario”, **M. Tufan Turp** and M. Levent Kurnaz, Geophysical Research Abstracts Vol. 19, EGU2017-10802, 2017 EGU General Assembly 2017, Vienna Austria, 23 – 28 April (2017).

“Projected Changes in Air Temperature and Precipitation Climatology in Central Asia CORDEX Region 8 by Using RegCM4.3”, Tugba Ozturk, **M. Tufan Turp**, Nazan An, Murat Türkeş, M. Levent Kurnaz, The International Conference on Regional Climate (ICRC) – CORDEX 2016, Aula Magna Stockholm University, Stockholm, Sweden, 17 – 20 May (2016).

“Future Projections of Temperature and Precipitation Climatology for CORDEX-MENA Domain Using RegCM4.4”, Tugba Ozturk, **M. Tufan Turp**, Murat Türkeş, M. Levent Kurnaz, The International Conference on Regional Climate (ICRC) – CORDEX 2016, Aula Magna Stockholm University, Stockholm, Sweden, 17 – 20 May (2016).

“Investigation of the Drought Probabilities over Turkey in a Changing Climate”, **M. Tufan Turp**, Abdullah Akbas, Sibel Saygili, Tugba Ozturk, M. Levent Kurnaz, Geophysical

Research Abstracts Vol. 18, EGU2016-10422-3, 2016 EGU General Assembly 2016, Vienna Austria, 17 – 22 April (2016).

“Assessment of Projected Changes in Temperature and Precipitation Climatology over the CORDEX-Region 9 via Multi-Model Ensemble Mean of CMIP5 Models”, **M. Tufan Turp**, Tugba Ozturk, M. Levent Kurnaz, Geophysical Research Abstracts Vol. 18, EGU2016-12946-3, 2016 EGU General Assembly 2016, Vienna Austria, 17 – 22 April (2016).

“Analysis of Projected Changes in Precipitation Regions of Turkey”, Abdullah Akbas, **M. Tufan Turp**, Tugba Ozturk, M. Levent Kurnaz, Geophysical Research Abstracts Vol. 18, EGU2016-12043-3, 2016 EGU General Assembly 2016, Vienna Austria, 17 – 22 April (2016).

“Impacts of the Future Changes in Extreme Events on the Regional Crop Yield in Turkey”, Nazan An, **M. Tufan Turp**, Tugba Ozturk, M. Levent Kurnaz, Geophysical Research Abstracts Vol. 18, EGU2016-10112-3, 2016 EGU General Assembly 2016, Vienna Austria, 17 – 22 April (2016).

“Impacts of Climate Change on the Climate Extremes of the Middle East”, **M. Tufan Turp**, Kamil Collu, F. Busra Deler, Tugba Ozturk, M. Levent Kurnaz, Geophysical Research Abstracts Vol. 18, EGU2016-14225-2, 2016 EGU General Assembly 2016, Vienna Austria, 17 – 22 April (2016).

“Impacts of The Future Changes in Extreme Events on Migration in The Middle East”, Nazan An, **M. Tufan Turp**, Tugba Ozturk, M. Levent Kurnaz, Geophysical Research Abstracts Vol. 18, EGU2016-10006-3, 2016 EGU General Assembly 2016, Vienna Austria, 17 – 22 April (2016).

“An Alternative Method to Project Wind Patterns”, Cagla Fadillioglu, I. Cagatay Kiyisuren, Kamil Collu, **M. Tufan Turp**, M. Levent Kurnaz, Tugba Ozturk, Geophysical Research Abstracts Vol. 18, EGU2016-10609-3, 2016 EGU General Assembly 2016, Vienna Austria, 17 – 22 April (2016).

“Impacts of Climate Change on Ski Resorts in the Balkans, the Middle East and the Caucasus: A Preliminary Assessment for Ski Tourism in Northeast Turkey”, O. C. Demiroglu, **M. T. Turp**, T. Ozturk, M. L. Kurnaz, Proceedings of the 4th International Conference on Climate, Tourism and Recreation (CCTR2015), Istanbul-Turkey, 17-19 September (2015).

“Simulations of Future Climatological Conditions in Central Asia CORDEX Region 8 by Using RegCM4.3.5”, M. Levent Kurnaz, **M. Tufan Turp**, Tugba Ozturk, Murat Türkes, International Scientific Conference “Our Common Future Under Climate Change”, Paris-France, 7-10 July (2015).

“A Model Assessment on the Technical Climate Change Adaptation Options of the Major Ski Resorts in Bulgaria”, Osman Cenk Demiroglu, **Mustafa Tufan Turp**, Tugba Ozturk, Nazan An, Mehmet Levent Kurnaz, International Conference “Sustainable Mountain Regions: Make Them Work”, Sofia-Bulgaria, 14-16 May (2015).

“Site Selection for Ski Resorts and Areas in the light of Climate Change: A GIS Application over the Turkish Mountain Terrain”, Osman Cenk Demiroglu, Abdullah Akbas, Tugba

Ozturk, **Mustafa Tufan Turp**, Nazan An, Murat Türkeş, M. Levent Kurnaz, Association of American Geographers General Meeting, Chicago-USA, 19-25 April (2015).

“Future Projections of Air Temperature and Precipitation for the CORDEX-MENA Domain by Using RegCM4.3.5”, Tugba Ozturk, **M. Tufan Turp**, Murat Türkeş, M. Levent Kurnaz, Geophysical Research Abstracts Vol. 17, EGU2015-11823, 2015 EGU General Assembly 2015, Vienna Austria, 12 – 17 April (2015).

“Simulations of Future Drought Conditions in Central Asia CORDEX Region 8 by Using RegCM4.3.5”, Tugba Ozturk, **M. Tufan Turp**, Murat Türkeş, M. Levent Kurnaz, Nazan An, Geophysical Research Abstracts Vol. 17, EGU2015-12311-1, 2015 EGU General Assembly 2015, Vienna Austria, 12 – 17 April (2015).

“The Climate Change Impacts on the Regional Crop Yield in Turkey”, Nazan An, **Mustafa Tufan Turp**, Tuğba Öztürk, Levent Kurnaz, Geophysical Research Abstracts Vol. 17, EGU2015-13232-2, 2015 EGU General Assembly 2015, Vienna Austria, 12 – 17 April (2015).

“A Refined Methodology for Modelling Climate Change Impacts on Snow Sports Tourism”, O.Cenk Demiroglu, **M. Tufan Turp**, Tugba Ozturk, Nazan An, M. Levent Kurnaz, Geophysical Research Abstracts Vol. 17, EGU2015-13129, 2015 EGU General Assembly 2015, Vienna Austria, 12 – 17 April (2015).

“Simulations of Future Drought Conditions in Central Asia (CORDEX Region 8) by Using RegCM4.3.5”, M. Levent Kurnaz, Tugba Ozturk, **Mustafa Tufan Turp**, Murat Türkeş, International Conference on Climate Change Innovation and Resilience for Sustainable Livelihood, Kathmandu-Nepal, 12 – 14 January (2015).

“RegCM4.4.1 Projections for Changes in Technical Snow Reliability of a Major Norwegian Ski Resort”, Tugba Ozturk, O. Cenk Demiroglu, **M. Tufan Turp**, Nazan An, Murat Türkeş, M. Levent Kurnaz, Third International Adventure Conference, Sogndal-Norway, 24 – 26 November (2014).

“Assessment of Simulated Changes in Air Temperature and Precipitation over the Mediterranean Region via Multi-model Ensemble Means of CMIP5 Models”, **M. Tufan Turp**, Tugba Ozturk, M. Türkeş, and M. Levent Kurnaz, MEDCLIVAR Conference, Ankara-Turkey, 23 – 25 June (2014).

“Investigation of Projected Changes for Near Future Air Temperature and Precipitation Climatology of Turkey and Surrounding Regions by Using REGCM4.3.5”, **M. Tufan Turp**, Tugba Ozturk, M. Türkeş, and M. Levent Kurnaz, MEDCLIVAR Conference, Ankara-Turkey, 23 – 25 June (2014).

“Assessment of Simulated Changes in Air Temperature and Precipitation over Central Asia via Multi-Model Ensemble Means of CMIP5 Models”, Tugba Ozturk, **M. Tufan Turp**, M. Türkeş, M. Levent Kurnaz, Geophysical Research Abstracts Vol. 16, EGU2014-7409, 2014 EGU General Assembly, Vienna Austria, 27 April – 2 May (2014).

“Projections for Changes in Natural and Technical Snow Reliability of a Major Turkish Ski Resort by Using RegCM4.3.5”, Tugba Ozturk, O. Cenk Demiroglu, **M. Tufan Turp**, M.

Türkeş, M. Levent Kurnaz, Geophysical Research Abstracts Vol. 16, EGU2014-8592, 2014 EGU General Assembly, Vienna Austria, 27 April – 2 May (2014).

“Spatial and Temporal Analysis of Projected Solar Irradiance Change over Turkey by Using the RegCM4.3”, Tugba Ozturk, **M. Tufan Turp**, Nazan An, M. Türkeş, and M. Levent Kurnaz, Geophysical Research Abstracts Vol. 16, EGU2014-8702, 2014 EGU General Assembly, Vienna Austria, 27 April – 2 May (2014).

5.4. Yazılan Uluslararası Kitaplar veya Kitaplarda Bölümler

“Case Study Turkey: Climate Change and Coastal Tourism: Impacts of Climate Change on the Turquoise Coast”, O. Cenk Demiroglu, Abdullah Akbas, **M. Tufan Turp**, Tugba Ozturk, Nazan An & M. Levent Kurnaz, In Climate Change and Coastal Tourism: Recognizing Problems, Meeting Expectations & Managing Solutions; Jones, A., Phillips, M., [Eds.]; Centre for Agriculture and Biosciences International (CABI), Chapter 21 (2017).

“Technical Climate Change Adaptation Options of the Major Ski Resorts in Bulgaria”, Demiroglu, O. C.; **M. T. Turp**, T. Ozturk, N. An & M. L. Kurnaz, In Sustainable Mountain Regions: Challenges and Perspectives in Southeastern Europe; Koulov, B., Zhelezov, G., [Eds.]; Springer: Basel, Switzerland, pp. 77–88 (2016).

5.4.1. Hakem Olarak Yer Aldığı Uluslararası Dergi, Rapor ve Çalışmalar

“Special Report on 1.5 Degrees”, Intergovernmental Panel on Climate Change (IPCC).

5.5. Ulusal Hakemli Dergilerde Yayımlanan Makaleler

“RegCM4.3.5 Bölgesel İklim Modelini Kullanarak Türkiye ve Çevresi Bölgelerin Yakın Gelecekteki Hava Sıcaklığı ve Yağış Klimatolojileri İçin Öngörülen Değişikliklerin İncelenmesi”, **Turp, M. T.**, Ozturk, T., Türkeş, M., Kurnaz, M. L., Ege Coğrafya Dergisi 23(1): 1-24 (2014).

5.6. Ulusal Bilimsel Toplantılarda Sunulan Bildiri Kitabında Basılan Bildiriler

“İklim Değişikliğinin Ergen Dağı Kapasitesine Etkisi”, Osman Cenk Demiroğlu, **M. Tufan Turp**, Tuğba Öztürk, M. Levent Kurnaz, Ulusal Alternatif Turizm Kongresi, Erzincan-Türkiye, 7-9 Nisan (2016).

"Kuzey Atlantik Salınım Endeksi ile Türkiye'nin Sıcaklık ve Yağış Rejimi Arasındaki İstatistiksel İlişki", **M. T. Turp** ve M. L. Kurnaz, 27. Uluslararası Fizik Kongresi, İstanbul-Türkiye, 14-17 Eylül (2010).

5.7. Yazılan Ulusal Kitap veya Kitaplarda Bölümler

“Değişen İklimde Tarımsal Riskler”, Nazan An, **M. Tufan Turp**, M. Levent Kurnaz, İklim Değişikliği ve Yeşil Boyut, Heinrich Böll Stiftung Derneği (baskıda).

“İklim Değişikliği Sürecinde Enerji Tüketimi ile Ekonomik Büyüme Arasındaki İlişki: Türkiye için Ayırıklaştırma Örneği”, Nazan An, **M. Tufan Turp**, Meltem Ucal, M. Levent Kurnaz, İklim Değişikliği ve Yeşil Boyut, Heinrich Böll Stiftung Derneği (baskıda).

6. Projeler

“Enhancing Awareness of Female Labor Force for Agricultural System in a Changing Climate”, Capacity Building in the Field of Climate Change in Turkey Grant Scheme (CCGS), Contracting Authority: Central Finance and Contracts Unit, Lead Applicant: Boğaziçi University, Co-Applicant: Rize Municipality, 15/09/2017 - ...

“Overall Assessment of the Turkish Mountains and Inventory of the Best Ski Sites”, Turkish Ski Federation & Compagnie des Alpes (CDA) Management, 22/02/2017 – 01.12.2017.

“Türkiye Tarımında İklim Değişikliği Projeksiyonları: Ekstrem Risk Analizi, Ürün Deseni Üzerindeki Etkiler ve Otonom Adaptasyon Stratejileri”, TÜBİTAK 1001 - Bilimsel ve Teknolojik Araştırma Projelerini Destekleme Programı, 01/12/2016 – 01.09.2017.

"Climate Change and Household Appliances", Grant Programme under EVÜDP PIMS 4014 UNDP/GEF –Market Transformation of Energy Efficient Appliances in Turkey Project, Contracting Authority: United Nations Development Programme (UNDP), Beneficiary: Boğaziçi University, Partner: Green Thought Association, 01/02/2014 - 31/10/2014.

“IPCC’nin Yeni Sera Gazı Senaryo Setleri Kullanılarak Türkiye”, Boğaziçi Üniversitesi Bilimsel Araştırma Projeleri (BAP), 01/07/2013 - 22/12/2014.

7. Akademik Deneyim

Görev Dönemi	Unvan	Kurum/Kuruluş	Bölüm
2014 - devam ediyor	Araştırmacı	Boğaziçi Üniversitesi	İklim Değişikliği ve Politikaları Uygulama ve Araştırma Merkezi
2015 - 2016	Öğretim Görevlisi (Yarı Zamanlı)	Işık Üniversitesi	Optisyenlik
2016 - 2017	Öğretim Görevlisi (Yarı Zamanlı)	Işık Üniversitesi	Optisyenlik, Tıbbi Görüntüleme Teknikleri
2017 - 2018	Öğretim Görevlisi (Yarı Zamanlı)	Işık Üniversitesi	Optisyenlik, Tıbbi Görüntüleme Teknikleri

8. Bilimsel Kuruluşlara Üyelikleri

American Geophysical Union (AGU), European Geosciences Union (EGU).