

PREFACE

The 8th International Atmospheric Symposium, ATMOS2017, previously held in 1981, 1991, 2003, 2008, 2011, 2013, and 2015, will be held on 1-4 November 2017 in Istanbul Technical University, Istanbul..

People require information to sustain and simplify the life. And it is not just enough to produce scientific data for people but it is also necessary to process the data and share the results of those data as a source for students and a starting point for all researchers, it is a treasure for mankind.

We are very grateful and thankful to all the valuable researchers who have contributed to ATMOS2017 from all around the world. And we would like to thank the organization committee members and scientific committee members for their precious support.

We would like to thank Rectorate of Istanbul Technical University and the Deanship of Faculty of Aeronautics and Astronautics for supporting ATMOS2017.

Last but not least we would like to thank Turkish State Meteorological Service, The Chamber of Meteorological Engineers, Aydem EPSAŞ, Bereket Enerji, DYO, Ataşehir Municipality, Beşiktaş Municipality, TUPRAG Metal Mining Corporation, MARTI Ltd., Ertürk Group., and THY for their valuable support.

Editors;

Dr. Orhan ŞEN

Dr. Ceyhan KAHYA

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Dr. BarıŐ ÖNOL, Istanbul Technical University

M.Sc. Evren ÖZGÜR, Istanbul Technical University

1 NOVEMBER 2017 - WEDNESDAY

| | | |
|---------------|---|-------------------------|
| 09:00 - 09:15 | Orhan ŞEN, Chair of ATMOS2017, ITU | OPENING CEREMONY |
| 09:15 - 09:30 | Fırat ÇUKURÇAYIR, Secretary of Chamber of Meteorological Engineers, TMMOB | |
| 09:30 - 09:45 | Ahmet Duran ŞAHİN, Head of Meteorological Engineering Department, ITU | |
| 09:45 - 10:00 | Metin Orhan KAYA, Dean of Faculty of Aeronautics and Astronautics, ITU | |
| 10:00 - 10:15 | İsmail GÜNEŞ, General Manager of Turkish State Meteorological Service, MGM | |
| 10:15 - 10:30 | Mehmet Emin BİRPINAR, Undersecretary of Ministry of Environment and Urbanization | |
| 10:30 - 10:45 | Mehmet KARACA, Rector of Istanbul Technical University, ITU | |
| 10:45 - 11:00 | Çetin GÜL, Music Recital | |
| 11:00 - 11:15 | COFFEE BREAK | |
| 11:15 - 11:45 | Gabriels, DONALD, Ghent University, Belgium: Climate change and eremology aspects | |
| 11:45 - 12:15 | Wen CHEN, Chinese Academy of Sciences, China: Influence of the spring Arctic Oscillation on the subsequent ENSO and its inter-decadal changes in reanalysis data and CMIP5 models | |
| 12:15 - 13:15 | LUNCH | |
| 13:15 - 13:45 | Abul Hasan SIDIQI, Sharda University, India: Contemporary development in application of wavelet and fractal methods to Atmospheric Sciences | |
| 13:45 - 14:15 | Vanni LUGHI, University of Trieste, Italy: Solar energy outlook and the impact on greenhouse gas emissions | |
| 14:15 - 14:45 | Abdelfettah BARHDADI, University Med-V, Morocco: Strategy of developing renewable energies and energy efficiency in Morocco: The key role of the university | |
| 14:45 - 15:00 | COFFEE BREAK | |
| 15:00 - 15:30 | Liu HUIZHI, Chinese Academy of Sciences, China: Carbon and water vapor exchange processes in the semiarid typical steppe ecosystems in Inner Mongolia | |
| 15:30 - 16:00 | Pammy MANCHANDA, Guru Nanak Dev University, India: Contemporary development in application of wavelet and fractal methods to Atmospheric Sciences | |
| 16:00 - 16:30 | Lin WANG, Chinese Academy of Sciences, China: The Silk Road pattern and the Eurasian summer climate | |
| 19:00 - 23:00 | BOAT TOUR - BOSPHORUS | |

2 NOVEMBER 2017 - THURSDAY

| | ROOM A | ROOM B | ROOM C |
|----------------------|---|--|---|
| Session Chair | O. M. GÖKTÜRK | R. M. FLORES | H. S. TOPÇU |
| 09:00 – 09:15 | S. TOY, G. GÜHER, Use of human bioclimatic information in city planning, in the sample of Samsun city | E.S. UZUNPINAR, E. SERT, S.S. KILAVUZ, İ. İMAMOĞLU, G. TUNCEL, Diurnal Variation of Volatile Organic Compound Concentrations in Suburban Ankara Atmosphere | H. DÜZEN, Hydrochemical Assessment of Groundwater Quality for Irrigation: A Case Study of the Zilan And Bendimahi River Basins in Van, Turkey |
| 09:15 – 09:30 | S. TOY, A. MATZARAKIS, Quantification of bioclimate conditions for humans for winter sport events – Possible Winter Olympic Games 2026 in Erzurum, Turkey | E. BİLGİÇ, O. GÜNDÜZ, Atmospheric Dispersion and Dose/Risk Estimation of 137CS Released From A Potential Accident in Akkuyu Nuclear Power Plant, Turkey | F. ŞENSOY, O. ŞEN, Effects of Magnetic Field on Human Life |
| 09:30 – 09:45 | O. AI-TAAI, S. SALEH, Calculating the Temperature and Humidity Index for Selected Stations in Iraq | R. M. FLORES, A.E. GÖK, H. ÖZDEMİR, B.O. AKKOYUNLU, G. DEMİR, A. ÜNAL, M. TAYANÇ, Evaluation of a thermal desorption method for complete characterization of semi-volatile organic compounds in atmospheric aerosols | D.D. BARI, Y. ÜNAL, H.S. TOPÇU, K. TURGUT, Analysis of Tropospheric Temperature Trends over İstanbul, İzmir and Adana |
| 09:45 – 10:00 | A.AL-LAMI, Y. ALTIMIMI, H. AL-SHAMARTI, An Evaluation of Tourism Climate Index in Iraq | S.L. KUZU, A. SARAL, Identification of aerosol origin in Yıldız Technical University Davutpasa Campus | S. YILMAZ, B.E. MUTLU, E. MUTLU, Scenario Produced Using EnviMet Model for Thermal Comfort The Example of Aziziye Park |
| 10:00 – 10:15 | C. BURSALI, O. ŞEN, The Analysis of The Heat Index And Wind Chill in Marmara Region | M. DURMAZ, S. ERGİN, An Experimental and Analytical Investigation on the Exhaust Emissions of a Ferry | S. YILMAZ, E. MUTLU, H. YILMAZ, Effects of Plant Usage on Urban Thermal Comfort for Sustainable Cities |
| 10:15 – 10:30 | COFFEE BREAK | | |

2 NOVEMBER 2017 - THURSDAY

| | ROOM A | ROOM B | ROOM C |
|---------------|---|--|--|
| Session Chair | Ö. L. ŞEN | F. ŞENSOY | Ş.S. MENTEŞ |
| 10:30 – 10:45 | S. VAZIFEKHAH, E. KAHYA, Performance Evaluation of Cordex Precipitation Series on a Basin Scale | İ. GÜLTEPE, Icing in Extreme Weather Conditions and Impact on Flights | B. ÖZER, H.O. BOYAN, Wind Energy Potential of Kırklareli Province of Turkey |
| 10:45 – 11:00 | G. GİRGIN, Ö.L. ŞEN, Gridded Precipitation Datasets: How Consistent are They for Turkey, A Country With Complex Topography? | E. T. ÖZDEMİR, Investigation of the Aerodrome Warning Belong to Atatürk International Airport Meteorology Office | D. AKYIL, Ş.S. MENTEŞ, Y. EZBER, E. YILMAZ, Y. ÜNAL, S. TOPÇU, Estimation of Wind Potentials Under Severe Weather Conditions in Selected Regions Using the WRF Model |
| 11:00 – 11:15 | A.Y. POYRAZ, İ. YÜCEL, Assessing Drought By Standardized Precipitation Index With Observation And Rcm Data In Turkey's Mediterranean Region | M. MÜSLÜM, A.D. ŞAHİN, Climatologically Fog Characteristics at Airports in Turkey | K. ÖZTÜRK, A. ÇUBUK, The Impact of Skyscrapers and Wind Turbine Farms on Istanbul Weather Radar Data |
| 11:15 – 11:30 | J.A. BRAVO, Ö. ÖZGENER, Data analysis of Turkey's shale gas potential: Anatolian Region | B. DURMAZ, Z. KAYMAZ, Investigation of Galactic Radiation Dose for Aeronautical Purposes Using CARI-6 | D. BOZKURT, Y. EZBER, Ö.L. ŞEN, Extreme Discharge Events in the Early Spring of 2004 in Eastern Anatolia: Impact of the East Asian Trough |
| 11:30 – 11:45 | E. ÖZGÜR, Investigation of Changes in the Persistence of Prevailing Wind in Western Part of Turkey Using Directional Statistical Method | | H. ERDEM, E. KAHYA, The Influence of Madden-Julian Oscillation on Precipitation Pattern in Mediterranean Region of Turkey |
| 11:45 – 12:00 | C. ÖZCAN, B. ÖNOL, Comparison of Gridded Observation Data Sets on Turkey | | Ö. L. ŞEN, Y. EZBER, D. BOZKURT, The Role of the East Asian Trough on the Euro-Mediterranean Climate Variability |
| 12:00 – 13:00 | LUNCH | | |

2 NOVEMBER 2017 - THURSDAY

| | ROOM A | ROOM B | ROOM C |
|----------------------|---|---|---|
| Session Chair | M. DEMIRTAŞ | D. KANTARCI | Z. ASLAN |
| 13:00 – 13:15 | S. ÖZDEMİR, R. BALBAY, B. AKTUĞ, C. YEŞİLYAPRAK, D. ÖZTÜRK, D. ÇOKER, Y. GÜNEY, F. YÜZLÜKOĞLU, M.SHAMEONI NIAEI, E. DOĞAN, Precipitable Water Vapor Estimations of Erzurum Province Based on GPS Data | A.GERTLER, D. MOSHE, D.F. WANG, Q.Y. FU, A Preliminary Study of the Sources Contributing to Elevated PM _{2.5} Concentrations in Shanghai | A. ALTOBELLI, R. NAPOLITANO, Z. ASLAN, G. ERDEMİR, E. FEOLI, Comparison between different vegetation indices and their use to monitoring humid protected areas |
| 13:15 – 13:30 | B.BİÇKİCİ ARIKAN, E. KAHYA, Drought Forecasting Using Genetic Programming in Association with Atmospheric Oscillation indices | O.ŞEN, D. KANTARCI, An Evaluation on Effect on City Air Quality and Creation of Heat Island By Atatürk Airport and Istanbul 3 rd Airport | M. KADIOĞLU, Climate Change and Sustainability in Agriculture in Turkey |
| 13:30 – 13:45 | T. ŞENEL, O.M. GÖKTÜRK, Ö.L. ŞEN, Persistence Analysis of Monthly Mean Surface Temperatures in Turkey | D. KANTARCI, O. ŞEN, An Ecological Evaluation on Climate Change with the Sea and Atmosphere Heating the Power Plant in the İskenderun Gulf | Hasan TATLI, M. ÇEKMEK, C. AKBULAK, G. AYGÜN, B. SAĞLAM, Investigation of Çanakkale Forest Fires by Canadian Forest Fire Weather Index |
| 13:45 – 14:00 | K. ÖZTÜRK, A. ÇUBUK, Assessing Bias Sources in Weather Radar Rainfall Estimates During Mesoscale Convective Events | B. ONAT, Ü. ALVER ŞAHİN, N. MANGIR, M. DOĞAN, Black Carbon and Particulate Matter Concentration at Urban Traffic Site in Istanbul | H. TATLI, C. AKBULAK, G. AYGÜN, M. ÇEKMEK, B. SAĞLAM, Determining Risk of the Forest Fires In Çanakkale Via Geographic Information Systems and Analytic Hierarchy Process |
| 14:00 – 14:15 | M. DEMIRTAŞ, The Cold Spells of 2016/2017 Over Turkey – in Association with Atmospheric Blocking | E. KOÇAK, F. ÖZTÜRK, S. ASLAN KILAVUZ, İ.İMAMOĞLU, G. TUNCEL, Elementel and Organic Carbon Concentrations in Urban and Suburban Ankara Atmospheres: Estimation of Secondary Organic Aerosol | A. İLHAN, Y. ÜNAL, M. KADIOĞLU, C. YÜRÜK, Climate Projections for the Central Anatolian Agricultural Basin |
| 14:15 – 14:30 | O. KOLAY, B.A. YILMAZ, M. ŞİMŞEK, Case Study of 30-31 January 2017 Black Sea Effect Snow | İ. BALCILAR, A. ZARARSIZ, G. DOĞAN, G. TUNCEL, The Use of Back Trajectory Cluster Analysis with PM _{2.5} Composition at the Eastern Black Sea of Turkey | H. İLHAN, M. ÜNLÜER, The Effects of Heat Stress on Broiler Chickens, Laying Hens and Dairy Cows, Yield And Economic Losses: Case of Balıkesir, Turkey |
| 14:30 – 14:45 | M. DEMİRCAN, H. ARABACI, A. AKÇAKAYA, S. ŞENSOY, A.Ü. KÖMÜŞÇÜ, M. COŞKUN, A Review of the Köy February Heat Wave of 2016 | H. BALTACI, G.T. ADAS, A.BAYSAL, Effect of meteorological conditions on human health in Istanbul, Turkey: Respiratory diseases | H. BULUT, H. GÜRKAN, Drought Stress Due to Climate Change and Effects on Plants |
| 14:45 – 15:00 | COFFEE BREAK | | |
| 15:00 – 17:00 | POSTER SESSION | | |

2 NOVEMBER 2017 - THURSDAY

POSTER SESSION

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| H. TATLI, M. ATABAY, Meteorological Stations and Meteorological Services Established During the First World War in the Ottoman Empire |
| B. BOZKURT, A. YILMAZ, Comparison of Rainfall Using Different Radars |
| E. TAŞ, Comparison of TRMM and Ground-Based Precipitation Data in Akarcay Basin, Turkey |
| E. ÖZGÜR, O. ŞEN, F.O. EDİS, Regional Effects of Carbondioxide Emission in Thermal Power Plants |
| M. ÜNLÜER, H. İLHAN, Trends in Indices for Extremes Air Temperature over the Eskişehir Region, Turkey |
| B. YAZICI, S. ŞENSOY, M. DEMİRCAN, Activities on Eastern Mediterranean Climate Center |
| S.L. KUZU, Ö. AKÇALI, A. SARAL, Investigation of Possible Radioactivity in Aerosol Samples in Istanbul |
| A.N. YÜCEKUTLU, Natural Causes and Effects of Climate Change |
| E. GÜLER, B. EFE, PM ₁₀ Characteristics of Eight Cities in Turkey |
| M.A. NEŞELİ, H. GÖKBAKAR, Ö. ÖZGENER, L. ÖZGENER, A Case Study on Electricity Generation At Pressure Reducing Station (PRs) |
| S. KAHRAMAN, B. ÖNOL, The Ensemble Mean of Multi-Model Scenario Simulations For Temperature And Precipitation Over Turkey |
| H. GÖKBAKAR, Ö. ÖZGENER, L. ÖZGENER, Electricity Generation In Waste Exhaust Gases From Internal Combustion Engines |
| Y.S. ÜNAL, S. TOPÇU, S. MENTEŞ, Influence of Land Use Characteristics on Microclimate During a Heat Wave Episode in Istanbul Technical University Campus |
| U.Ö. UÇAR, O. ŞEN, Effects of Air Pollution and Meteorological Conditions on Asthma |
| B. YAKIN, O. ŞEN, Effects of High Altiude in Mountaineering |

3 NOVEMBER 2017 – FRIDAY

| | ROOM A | ROOM B | ROOM C |
|----------------------|---|--|--|
| Session Chair | B. ÖNOL | S. SIRDAŞ ASILHAN | H. TOROS |
| 09:00 – 09:15 | O. H. DOĞAN, B. ÖNOL, U.U. TURUNÇOĞLU, The Sensitivity of WRF-ARW Parameterizations and Initializations on Heavy Precipitation Prediction: Hopa-Artvin Case, August 2015 | D. KARINCA, E. KARTAL, C. YÜRÜK, A. İLHAN, A.N. ŞAHİN, B. ÖNÖZ, Regional Low Flow and Drought Analysis for Eastern Black Sea Basin | D.D. BARI, Climatic variability of Northern Hemispheric stationary waves in ERA-Interim |
| 09:15 – 09:30 | B. SELEK, B. ÖNÖZ, M. U. YILMAZ, G.E. DİKER, H. AKSU, B. BEKTAŞOĞLU, A.F. ÖZTÜRK, O. KARAAHMETOĞLU, S. SEZER, Monthly Streamflow Estimation Model: A Study of Porsuk River Basin, Turkey | C. YÜRÜK, A. İLHAN, D. KARINCA, E. KARTAL, A.N. ŞAHİN, B. ÖNÖZ, Regional Flood Frequency Analysis for Eastern Black Sea Basin | Y. EZBER, D. BOZKURT, Ö.L. ŞEN, Relation between the East Asian Trough and Euro-Mediterranean Climate at Pentad Resolution |
| 09:30 – 09:45 | M. U. YILMAZ, B. ÖNÖZ, Evaluation of Streamflow Estimation in Ungauged Basins Using Inverse Distance Weighted (IDW) | Ü. GÜNER BACANLI, S. ÇUKURLUOĞLU, Long Term Drought Analysis in Aegean Region, Turkey | M.B. KELEBEK, F. BATIBENİZ, B. ÖNOL, Analysis of Climate Extremes Index Over Turkey |
| 09:45 – 10:00 | S.K. KARAMZADEH, N. MUSAOĞLU, M. TÜRKEŞ, A. TANIK, Using Satellite-Based Indices for Monitoring Drought Effects on the Buyuk Menderes River Basin | O. ŞEN, E. KAHYA, Current and Future Peak Flows in the Center of Eastern Black Sea Region | U. BEYAZTAŞ B.B. ARIKAN, B.H. BEYAZTAŞ, E. KAHYA, Construction of Prediction Intervals for Palmer Drought Severity Index Using Bootstrap |
| 10:00 – 10:15 | G. BUĞDAY, E. YILMAZ, Ş.S. MENTEŞ, E. ERTEN, Y. EZBER, Coupling of Meso Scale Model Results with Micro Scale Models, Sensitivity Analysis Study for Edirne Province at Different Elevation Data Resolutions | F. DADAŞER-ÇELİK, A.Ü. KÖMÜŞÇÜ, E. TURGU, R. UÇAR, M. ÇELİK, Recent Trends in Meteorological Drought in Turkey: 1980-2015 | R. AZİZ, İ. YÜCEL, Impacts of Climate Nonstationarities on Hydroclimatological Extremes In Turkey |
| 10:15 – 10:30 | H. P. TEMİZÖZ, O.O. DOĞAN, C. YÜRÜK, Y. ÜNAL, Comparison of the Performance of RegCM4 and Cosmo-CLM for the Turkey in 2008-2009 | K. E. SARAÇOĞLU, C.M. KAZEZYILMAZ-ALHAN, S. GÜLBAZ, Evaluation of Different Flow Routing Methods in Watershed Modeling | H. TOROS, M. ABBASNIA, Trends in indices for extremes in daily air temperature over Marmara region, Turkey |
| 10:30 – 10:45 | T. KAYTANCI, Ş.S. MENTEŞ, Y. EZBER, Atmospheric Stability Analysis and Comparison of Wind Profiles Related to Radionsode Measurements and WRF Model Output | V.S.Ö. KIRCA, H. AKSOY, H. İ. BURGAN, A Comparison of Flood Vulnerability Using Different Resolution Digital Elevation Models | H. TOROS, M. ABBASNIA, S. BAĞIŞ, Analysis of changes in precipitation extremes over Marmara region, Turkey |
| 10:45 – 11:00 | COFFEE BREAK | | |

3 NOVEMBER 2017 – FRIDAY

| | ROOM A | ROOM B | ROOM C |
|----------------------|--|--|---|
| Session Chair | M. KADIOĞLU | M. FARAJZADEH | Y. S. ÜNAL |
| 11:00 – 11:15 | B. ÇALIŞKAN, Y. TAŞDEMİR, N. ŞUMNULU, Determination of Atmospheric PCB Concentrations in a Semi-Rural Area of Bursa | M. FARAJZADEH, A. GANDOMKAR, H. DALAEI, Analysis of Urban Volnerability from Extreme Precipitation Indices over Iran (1981-2010) | O.M. GÖKTÜRK, Ö.L. ŞEN, T. ŞENEL, N. ÇETİN, Statistical Long-Term Predictability of Turkish Surface Temperatures from Global Sea Surface Temperatures |
| 11:15 – 11:30 | G. GÜNEŞ, S.L. KUZU, A. SARAL, Particle Size Distribution of PCDD/Fs and PCBs in Istanbul Atmosphere | V. BHARTI, C. SINGH, Extreme rainfall events over the state of Jammu and Kashmir | M. N. BALOV, A. ALTUNKAYNAK, The Impacts of Climate Change on Extreme Precipitation Events in Karadeniz Ereğli Station (Turkey) |
| 11:30 – 11:45 | A.E. SAKIN, S.S.CİNDORUK, Y. TAŞDEMİR, Atmospheric PCB Concentrations and their Spatio-Temporal Trends | M. DEMİRTAŞ, 6-9 January 2017 Snow Storm over İstanbul-Turkey | D.D. BARI, The Effect of Climate Change on atmospheric water vapor |
| 11:45 – 12:00 | G. EKER, Y. TAŞDEMİR, Evaporation of Polycyclic Aromatic Hydrocarbons (PAHs) from The Automotive Treatment Sludge During Pah Photodegradation Applications | M. DEMİRTAŞ, 29 June – 3 July 2017 Heatwave Over Turkey | M. DEMİRCAN, H. ARABACI, M. COŞKUN, N. TÜRKÖĞLU, İ. ÇİÇEK, Climate Change: Monthly Patterns of Minimum Temperatures and Their Change |
| 12:00 – 12:15 | A.B. KARTAL, M.İ. ÖNDER, F. DIŞLI, O.M. DİREK, Ç. KARA, M. KADIOĞLU, H. TOROS, Air Quality Analysis Studies of Ataşehir in İstanbul | S. ÇELİK, E. BÖLÜK, A.İ. AKBAŞ, A. DENİZ, Climate Changes, Weather Events Become Extremes | M. DEMİRCAN, H. ARABACI, A. AKÇAKAYA, S. ŞENSOY, E. BÖLÜK, A.Ü. KÖMÜŞÇÜ, M. COŞKUN, Climate Change and Urbanization: Minimum Temperature Trends |
| 12:15 – 12:30 | B. KILIÇ, O.ŞEN, Analysis of Air Pollution Caused by Motor Vehicles Passing from Bridges on the Bosphorus Over Istanbul | E. TURGU, M. COŞKUN, S. ÇELİK, M. AKSOY, A Case Study: Analysis of Flash Flood Using FFGS Products on 17 January 2016 in Çeşme, Dikili, Izmir and Manisa | H. GÜRKAN, O. ESKİOĞLU, B. YAZICI, S. ŞENSOY, A.Ü. KÖMÜŞÇÜ, Y. ÇALIK, Projected Trends in Heat and Cold Waves with Effect of Climate Change |
| 12:30 – 13:45 | LUNCH | | |

3 NOVEMBER 2017 – FRIDAY

| | ROOM A | ROOM B | ROOM C |
|---------------|---|--|--|
| Session Chair | E. ODABAŞI | S. ÇUKURLUOĞLU | H. TATLI |
| 13:45 – 14:00 | E. FEOLI, A. ALTOBELLI, R. NAPOLITANO, Z. ASLAN, G. ERDEMİR, MODIS data to knowledge generation by integrating different data bases | S. ÇUKURLUOĞLU, Ü. GÜNER BACANLI, Back Trajectory Analysis of Particulate Matter Depositions in Denizli, Turkey | S. ŞENSOY, M. COŞKUN, A.Ü. KÖMÜŞÇÜ, M. DEMİRCAN, E. BÖLÜK, N. TÜRKÖĞLU, İ. ÇİÇEK, Impact of Urbanization on Mean Temperature Anomalies and Climate Indices in Turkey |
| 14:00 – 14:15 | C. ÖZEN, E. KORKMAZ, S. BAĞIŞ, H. TOROS, Performance Test of Weather Research and Forecasting (WRF) Model for Central Anatolia and Black Sea Regions of Turkey | E. MARTINEZ-TAVERA, P.F. RODRIGUEZ-ESPINOSA, G. ROSANO-ORTEGA, Characterization of a basin through its environmental signature to identify possible sources of pollution: High Atoyac Basin, Puebla-Tlaxcala, Mexico | M. AYDIN, İ. ÖZMEN, M. KADIOĞLU, Hovmöller Analysis of Total Monthly Precipitation Anomalies for Turkey |
| 14:15 – 14:30 | E. ODABAŞI, Flood Risk Analyses in Black Sea Region by Using HAD-GEM-2 CLimate Projection | Y. AÇAR, S. YAĞAN, M. EKİCİ, O. ESKİOĞLU, H. GÜRKAN, A.Ü. KÖMÜŞÇÜ, M. COŞKUN, Y. ÇALIK, Total Ozone Projections Based on Turkey RCPs (2.6 and 4.5) Using The CMIP5 Project Ozone Database | H. TATLI, Seasonal Temperature And Precipitation Trends in Turkey |
| 14:30 – 14:45 | C.M. KAZEZYILMAZ-ALHAN, S. GÜLBAZ, M.M. VANOLYA, E. SARAÇOĞLU, R. NASIRZADEH-DIZAJI, Hydrodynamic Model for Kağıthane Watershed via Comparing Wave Routing Methods | Y. YILDIRIM, E. KARAKAVUZ, Ü.A. ŞAHİN, B. ONAT, Particle Matter Size Distribution in an Urban Atmosphere and its Chemical Components | F. DADAŞER-ÇELİK, A.Ü. KÖMÜŞÇÜ, R. UÇAR, M. ÇELİK, Recent Trends in Precipitation in Turkey: 1980-2015 |
| 14:45 – 15:00 | G. ÇAMALAN, S. AKGÜNDÜZ, H. AYYACI, S. ÇETİN, H. ARABACI, M. COŞKUN, According to the SPEI Drought Index, the Drought Trend Projection in Turkey For The Next Century | A.G. IŞIK, Aerosol-Medicane Interaction: Tropical-Like Cyclone On 31st October, 2016 | H. TATLI, Classification of the Köppen And Holdridge Life Zones with Respect to the Climate Scenarios over Turkey |
| 15:00 – 15:15 | A. Ü. KÖMÜŞÇÜ, Verification of the WRF for Various Middle East and Northern African Locations | Ö. ÖSTÜRK, O. SEVİMOĞLU, Assessment of Air Pollution Reduction and Economic Benefits of Bioethanol-Blended Gasoline Use in Turkey | |
| 15:15 – 15:30 | COFFEE BREAK | | |

3 NOVEMBER 2017 – FRIDAY

| | ROOM A | ROOM B | ROOM C |
|----------------------|--|---|--------|
| Session Chair | T. KARASU | S. YILMAZ | |
| 15.30 – 15:45 | T. KARASU, Numerical Study of Turbulent Flow in Circular-Sectioned Pipes | S. YILMAZ, M.A. IRMAK, E. MUTLU, H. YILMAZ, Thermal Climatic Change With Trees in Urban Center: A Modeling Approach Using Envi-Met | |
| 15:45 – 16:00 | A.ÇINAR, E. EFENDİ, S. KARATAY, F. ARIKAN, Detecting of the Ionospheric Disturbances with a Fast Algorithm | G. ÇAMALAN, S. AKBAŞ, SPEI Kuraklık İndisine Göre Türkiye’de Önümüzdeki Yüzyılın Kuraklık Eğilim Projeksiyonu | |
| 16:00 – 16:15 | A.G.B. ÖZDİNGİS, G. KOÇER, Effects of Pretreatment Methods And Microorganism Selection On Lignocellulosic Bioethanol Production | A. MENDOZA VILLALBA, S.S. MORALES GARCIA, R.M. FLORES RANGEL, Atmospheric Pollution Patterns Analysis (CO, NO ₂ , O ₃ , SO ₂ , PM _{2.5} , PM ₁₀) During 2015 To 2017 In The Surroundings of the Construction Area of New International Airport in Mexico City | |
| 16:15 – 16:30 | S.A. SWALIH, E. KAHYA, Assessing the performance of ECMWF reanalysis data on the hydrology of East Black Sea Region | Y. DAHDOUH, I. OUERDACHI, A. KHEZAZENA, Evaluation of Two Unit Hydrograph Models for Prediction of Runoff In Annaba (North-East Algeria) | |
| 16:30 – 16:45 | S. IVANOV, S. MICHAELIDES, Y. PALAMARCHUK, I. RUBAN, Implementation of the superobbing approach to the radar data assimilation in the Harmonie model | L. WHITE, B. RUDELL, A. TARDY, J. WOOD, Diverse Applications of Mobile Atmospheric Data | |
| 19:00 – 22:00 | SYMPOSIUM DINNER | | |

4 NOVEMBER 2017 – SATURDAY

ISTANBUL OLD CITY TOUR*

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|---------------|-------------------------------------|
| 10:00 | TRANSFER 1: FROM ITU AYAZAĞA CAMPUS |
| 10:30 | TRANSFER 2: FROM ITU MAÇKA CAMPUS |
| 11:00 – 12:30 | TOPKAPI PALACE |
| 13:00 – 13:45 | HAGIA SOPHIA |
| 14:00 – 14:30 | BLUE MOSQUE |
| 14:45 – 15:30 | LUNCH (Optional) |
| 16:00 – 17:30 | GRAND BAZAAR |
| 18:00 | END OF TOUR - TRANSFER |

*Deadline for Reservation: 2 November 2017, 17:00

For detailed information and price of the tour please visit; <http://www.atmosfer.itu.edu.tr/atmos2017/en/social/>

Presentation Dates via ID's

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| 3 | 3 November 2017, 14:15-14:30 |
| 4 | 3 November 2017, 14:45-15:00 |
| 5 | 2 November 2017, 15:00-17:00 |
| 6 | 3 November 2017, 16:15-16:30 |
| 8 | 3 November 2017, 15:30-15:45 |
| 9 | 3 November 2017, 16:30-16:45 |
| 10 | 2 November 2017, 13:30-13:45 |
| 11 | 3 November 2017, 11:00-11:15 |
| 12 | 2 November 2017, 09:30-09:45 |
| 13 | 2 November 2017, 13:45-14:00 |
| 16 | 2 November 2017, 10:45-11:00 |
| 18 | 3 November 2017, 15:45-16:00 |
| 20 | 3 November 2017, 11:45-12:00 |
| 21 | 2 November 2017, 09:15-09:30 |
| 22 | 2 November 2017, 09:00-09:15 |
| 23 | 2 November 2017, 15:00-17:00 |
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| 34 | 3 November 2017, 10:30-10:45 |
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8th ATMOSPHERIC SCIENCES SYMPOSIUM - ATMOS2017

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| 115 | 3 November 2017, 12:00-12:15 |
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