

11th ATMOSPHERIC SCIENCES SYMPOSIUM PROGRAMME

23 OCTOBER 2024 WEDNESDAY – SÜLEYMAN DEMİREL CULTURAL CENTER

ZOOM Meeting ID: 626 402 1066 – Password: 264352

23 OCTOBER 2024 WEDNESDAY / 08:30-11:00		
ENTRANCE & MAIN HALL - REGISTRATION AND OPENING CEREMONY		
08:30-10:00		REGISTRATION
10:00-11:15		ASST. PROF. DR. DENİZ DEMİRHAN & ASSOC. PROF. DR. BAHTİYAR EFE - THE CHAIRS OF SYMPOSIUM
		PROF. DR. MİKDAT KADIOĞLU - THE HEAD OF CLIMATE SCIENCE AND METEOROLOGICAL ENGINEERING DEPARTMENT
		PROF. DR. ZAHİT MECİTOĞLU - THE DEAN OF FACULTY OF AERONAUTICS AND ASTRONAUTICS
		TUNAY ÇARPAR - ISTANBUL WATER AND SEWERAGE ADMINISTRATION (İSKİ)
		VOLKAN MUTLU COŞKUN - THE DIRECTOR GENERAL OF TURKISH STATE METEOROLOGICAL SERVICE (MGM)
		PROF. DR. HASAN MANDAL - THE RECTOR OF ISTANBUL TECHNICAL UNIVERSITY
COFFEE BREAK / 11:15-11:45		
23 OCTOBER 2024 WEDNESDAY / 11:45-13:30		
TIME	ID	SESSION W1 MAIN HALL - MICROMETEOROLOGY AND ENERGY METEOROLOGY - CHAIR: PROF DR. MİKDAT KADIOĞLU
11:45-12:15		INVITED SPEAKER - JAKOB MANN
12:15-12:30	65	Short-term Wind Energy Forecast by using WRF in Akhisar Türkiye <i>Melike Bayramçavuş, Şükran Sibel Menteş</i>
12:30-12:45	128	Coğrafi Bilgi Sistemleri Kullanılarak Güneş Enerji Santrali Kurulumu İçin Uygunluk Haritası Oluşturulması: Samsun İli Örneği <i>Furkan Keskin, Bihter Durna</i>
12:45-13:00	111	Fotovoltaik Güneş Sistemi Konuşlandırma Simülasyonu - Samsun Üniversitesi Balıca Kampüsü Özdemir Bayraktar Havacılık ve Uzay Bilimleri Fakültesi Çalışması <i>Bayram Kökçü, Bihter Durna</i>
13:00-13:15	114	A Methodology WRF-LES: High-resolution atmospheric boundary layer simulations for Complex Terrain Mut <i>Erkan Yılmaz, Şükran Sibel Menteş, Gökhan Kirkil</i>
13:15-13:30	37	Design of a Test Platform with Meteorology Balloons and Radiation Monitor High-Altitude Balloon (YİB) Flight Results from Isparta and Ankara <i>Mehlika Zeynep Arslan ,Bahadır Han Demircan, Nazire Şeyma Yılmaz, Uğur Kılıç, Egecan Karadöller , Yavuz Ay, Onur Karakoç, Enes Ata Ünsal, and M. Bilge Demirköz</i>
LUNCH / 13:30-14:30		
23 OCTOBER 2024 WEDNESDAY / 14:30-18:45		
TIME	ID	SESSION W2 MAIN HALL - AIR POLLUTION - CHAIR: DR. YAŞAR BURAK ÖZTANER
14:30-15:00		INVITED SPEAKER - SELAHATTİN İNCECİK
15:00-15:15	50	Investigation of The Dust Event that Experienced in the Southeast Anatolia Region on 29-30 April 2024 with Model and Observation Data <i>Betül Nisa Atmaca, Cihan DüNDAR, Mustafa Yurtseven</i>
15:15-15:30	44	Enhancing PM2.5 Forecasting through Integrated Data Sets in the Gaziantep Region <i>Türkan Zengin Gömleksiz</i>
15:30-15:45	78	PAH levels in Croatia and their relationship with meteorology and gaseous air pollutants <i>Gordana Pehnec, Ivana Jakovljevic, Zdravka Sever Strukil, Silvije Davila, Marko Geric, Katarina Matkovic, Mandica Sankovic, Antun Sumanovac, Goran Gajski</i>
15:45-16:00	63	A case study: Chemical characterization of PM2.5 in Istanbul (Turkey), inhalation and cytotoxic risks during COVID-19 restrictions <i>Aslı Baysal, Hasan Saygın, Ahu Soyocak, Burcu Onat</i>
16:00-16:15	30	Using Artificial Intelligence Model in Estimating Transportation-Related Emissions and Investigating the Use of Intelligent Transportation Systems to Reduce Their Impact on Climate Change <i>Hande Beba, Zübeyde Öztürk</i>
16:15-16:30	88	Comparative Analysis of Emission Sensitivity Methods <i>Yasar Burak Oztaner, Amir Hakami</i>
COFFEE BREAK / 16:30-17:00		
TIME	ID	SESSION W3 MAIN HALL - AIR POLLUTION - CHAIR: PROF. DR. SELAHATTİN İNCECİK
17:00-17:15	2	Prediction of Pyrolysis Yield by Machine Learning Techniques <i>Rahmat Sotudeh Gharebagh, Seyed Mohammad Razavi, Navid Mostoufi</i>
17:15-17:30	41	Investigation of the Relationship Between Air Quality and Forest Fires Occurring in the South Aegean and West Mediterranean Regions <i>Cansu Aktaş, Emrah Tuncay Özdemir</i>
17:30-17:45	46	Endüstriyel Hava Kirliliği Dağılımının Balıkesir Merkez Bölgesine Olan Etkisi ve Dış Ortam Hava Kirliliği Analizi <i>Ömer Mert Bayraktar, Atilla Mutlu</i>
17:45-18:00	55	Investigation of High NH3 and PM Levels Around Konya <i>Aykut Mehmet Alban, Seda Tokgoz, Serra Saracoglu, Burcak Kaynak</i>
18:00-18:15	72	Optimization of sample pre-treatment methods for detection of polyethylene microplastics in indoor dusts <i>Sinem Karniyarik, Aslı Baysal, Hasan Saygın, Pinar Kayisoglu, Semra Akin, Arın Berber</i>
18:15-18:30	56	Investigation of High NH3 Levels over Eastern Mediterranean Using Remote Sensing <i>Serra Saracoglu, Seda Tokgoz, Sevcan Uzunayla, Muhittin Gunes Onay, Burcak Kaynak</i>
18:30-18:45	76	Enhancing Weather Forecasting Education through the Atmospheric Modelling Team Website <i>Gökberk Görür, Rahan Öztürk</i>
TIME	ID	SESSION W4 MEETING ROOM - DATA ANALYSIS IN ATMOSPHERIC SCIENCES - CHAIR: ASSIST. PROF. DR. MUSTAFA UTKU YILMAZ
17:00-17:30		INVITED SPEAKER - ANTHONY LUPO
17:30-17:45	24	Frequency curves of high flows <i>Yonca Cavus</i>
17:45-18:00	90	CMIP6 GCM Performances in Simulating Extreme Climate Indices of Türkiye: A Comprehensive Assessment <i>Sertaç Oruç, Berkin Gümüş, İsmail Yücel, Mustafa Tuğrul Yılmaz</i>
18:00-18:15	109	An Explainable Quantile Regression-based XGB Model for Imbalanced Precipitation Forecasting <i>Ali Ulvi Galip Senocak, Sinan Kalkan, M. Tuğrul Yılmaz, İsmail Yücel</i>
18:15-18:30	120	EXAMINING TRENDS IN CLIMATE CHANGE INDICES: A CASE STUDY OF KIRKLARELİ <i>Evren Özgür, Mustafa Utku Yılmaz</i>
18:30-18:45	113	Estimation of Long-Term Drought in Kırklareli Province Using Random Forest and Support Vector Machine Models <i>Mustafa Utku Yılmaz, Talha Burak Alakus</i>
23 OCTOBER 2024 WEDNESDAY 20:00-23:00 / SYMPOSIUM DINNER		

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24 OCTOBER 2024 THURSDAY – SÜLEYMAN DEMİREL CULTURAL CENTER

ZOOM Meeting ID: 626 402 1066 – Password: 264352

24 OCTOBER 2024 THURSDAY / 09:00-13:00		
TIME	ID	SESSION T1 MAIN HALL - CLIMATE MODELLING - CHAIR: PROF. DR. BARIŞ ÖNOL
09:00-09:30		INVITED SPEAKER - MERJA TÖLLE
09:30-09:45	14	<i>Vegetation and Climate Changes during the Late Pleistocene-Holocene in the Gulf of Saros</i> <i>Demet Biltekin, Kürşad Kadir Eriş, Cerennaz Yakupoğlu, Nurettin Yakupoğlu, Asen Sabuncu, Alina Polonia, Luca Gasperini</i>
09:45-10:00	110	Assessing impacts of SSP climate scenarios over CO2 vegetation fluxes with WRF/Chem-VPRM dynamical downscaling tool <i>Roberto San Jose, Juan Luis Perez Camanyo, Miguel Jimenez Ganan</i>
10:00-10:15	97	Future Extremes under High-emission Scenario in Convection-permitting Climate Simulations over the Black Sea Basin <i>Mehmet Barış Kelebek, Fulden Batibeniz, Barış Önal</i>
10:15-10:30	119	FUTURE HEATING AND COOLING DEGREE DAYS IN TÜRKİYE UNDER CLIMATE CHANGE SCENARIOS <i>Burkay Keske, Esra Kırbaş, Ömer Faruk Yavuz, Cemre Yürük Sonuç, Yurdanur Ünal</i>
COFFEE BREAK / 10:30-11:00		
TIME	ID	SESSION T2 MAIN HALL - CLIMATE CHANGE AND CLIMATE RISK MANAGEMENT - CHAIR: PROF. DR. HÜSEYİN TOROS
11:00-11:30		INVITED SPEAKER - FULDEN BATİBENİZ
11:30-11:45	20	Marine Heatwave Characteristics in the Black-Marmara-Aegean Seas System <i>Şehriban Saçu, Olgay Şen, Tarkan Erdik</i>
11:45-12:00	28	Quantifying mortality burden from combined environmental stressors: the LIFE SIRIUS approach <i>Dimitrios Melas, Daphne Parliari, Theo Economou, Jonilda Kushta, Christos Giannaros</i>
12:00-12:15	121	İklim Değişikliğinde Kentsel Hasar Görebilirlik: İstanbul Örneği <i>Kübra Altıntaş, Ceyhan Kahya</i>
12:15-12:30	48	SU SORUNU BAĞLAMINDA MEGAKENT İSTANBUL'U NE BEKLİYOR? <i>Ahmet Çamurlu, Mihriban Gültekin, Kasım Koçak</i>
12:30-12:45	34	Trend analysis of daytime and nighttime air temperatures using 51 years observation data (1973 – 2023) in İstanbul <i>Özkan Çapraz</i>
12:45-13:00	96	How Does Caucasus Mountains Affect Atmospheric Pattern Over Eastern Black Sea? <i>Sinan Şahinoğlu, Sena Ecem Yakut Şevik, Aleyna Nur Aksu, İpeknur Hazar, Yurdanur Ünal</i>
LUNCH / 13:00-14:00		
24 OCTOBER 2024 THURSDAY / 14:00-18:15		
TIME	ID	SESSION T3 MAIN HALL - HYDROLOGY AND WATER RESOURCES MANAGEMENT - CHAIR: PROF. DR. AYNUR ŞENSOY ŞORMAN
14:00-14:30		INVITED SPEAKER - ENGİN İŞILTAN
14:30-14:45	38	Hidrolojik ve Hidrolik Modelleme Programları Kullanılarak Taşkın Yayılım Alanlarının Belirlenmesi: Beykoz Göztepe Deresi Örneği <i>Etham Doğukan Acar, Sezar Gülba</i>
14:45-15:00	26	The Effect of Soil Data for Streamflow Simulation: A Case Study of İznik Lake Watershed <i>Anıl Çalışkan Tezel, Adem Akpınar, Gökhan Özsoy, Aslı Bor Türkbek</i>
15:00-15:15	82	FORECAST AND ANALYSIS OF ANNUAL DROUGHT IN TURKEY USING ECMWF SEAS5 PREDICTION DATA <i>Gülten Çamalan, İbrahim Çamalan</i>
15:15-15:30	84	Assessment of Climate Change Impacts on Hydropower Production in Snow Dominated Catchment <i>Yusuf Oğulcan Doğan, Aynur Şensoy Orman</i>
15:30-15:45	107	Analyzing the Temporal and Spatial Variability of Snow Depth in the Upper Euphrates Basin with CERRA-Land Data <i>Esma Nur Demirtaş, Barış Önal</i>
15:45-16:00	80	Enhancing AROME-TR Model Performance: An Approach Utilising Physics Parameterization Refinements and High-Resolution Land Surface Data <i>Zeynep Feriha Ünal Dinç</i>
COFFEE BREAK / 16:00-16:30		
TIME	ID	SESSION T4 MAIN HALL - REMOTE SENSING - CHAIR: ASSOC. PROF. DR AHMET ÖZTOPAL
16:30-17:00		INVITED SPEAKER - ROBERT BORNSTEIN
17:00-17:15	53	A Remote Sensing Approach to Identify Shipping Emissions: Lessons Learned <i>Cemre Fazilet Aldoğan, Hande Demirel</i>
17:15-17:30	54	Comparative Analysis of Aqua/Modis and VIIRS Satellite Observation for Aerosol Monitoring in Turkey <i>Ayşe Gökçen Işık</i>
17:30-17:45	99	ÜÇ FARKLI MEDİKANANIN KARŞILAŞTIRILMASI <i>Bahtiyar Efe, Emrah Tuncay Özdemir, Oğuzhan Kolay, Zafer Aslan</i>
17:45-18:00	100	CHIRPS YAĞIŞ ÜRÜNLERİ VE METEOROLOJİ GÖZLEM İSTASYONLARINDA ÖLÇÜLEN YAĞIŞ MİKTARLARININ KARŞILAŞTIRILMASI <i>İsmet Aktaş, Mehmet Seren Korkmaz, Bahtiyar Efe</i>
18:00-18:15	23	Central Black Sea Region Low Level Jet Analysis <i>Rabia Nida Sofu, Mikdat Kadioğlu, Rahan Öztürk</i>

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25 OCTOBER 2024 FRIDAY – SÜLEYMAN DEMİREL CULTURAL CENTER

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25 OCTOBER 2024 FRIDAY / 09:00-13:30		
TIME	ID	SESSION F1 MAIN HALL - LAND-ATMOSPHERE INTERACTIONS - CHAIR: PROF. DR. BİLAL CEMEK
09:00-09:30		INVITED SPEAKER - DENİZ BOZKURT
09:30-09:45	49	Istanbul Flood Warning System: An Integrated Approach for Hydrodynamic Modeling and Emergency Management <i>Tunay Çarpar, Cemre Erbil, Özgüray Aydın</i>
09:45-10:00	81	Hybrid Statistical and Machine Learning Methods for Daily Soil Temperature Modeling <i>Emirhan Cemek, Bilal Cemek, Erdem Küçüktopçu, Vedat Ceyhan</i>
10:00-10:15	18	Effect of Weather Variability on Crop Evapotranspiration <i>Ali Ünlükara, Ayşenur Kocayiğit</i>
10:15-10:30	83	Machine learning techniques based estimation of monthly reference evapotranspiration in Türkiye using latitude, longitude and elevation data <i>Bilal Cemek, Erdem Küçüktopçu, Emirhan Cemek</i>
10:30-10:45	57	Determination and Trend Analysis of Duration-Severity-Frequencies of Droughts Observed in Ankara Using Standardized Precipitation Evapotranspiration Index (SPEI) <i>Abdullah Ceylan, İlker Alan, A. Serap Gündüz, Selami Yıldırım, Erdem Odabaşı</i>
10:45-11:00	106	Total Mercury Levels of Surface Soils, Lake Surface Sediment and Lake Fish Samples at a Nature Park Under The Influence of Intense Barbecue Smoke <i>Ercan Berberler, Berna Durmuş, Duran Karakaş</i>
COFFEE BREAK / 11:00-11:30		
TIME	ID	SESSION F2 MAIN HALL - ATMOSPHERIC ENVIRONMENT - CHAIR: PROF. DR. KASIM KOÇAK
11:30-12:00		INVITED SPEAKER - René Darío Garreaud
12:00-12:15	31	Polycyclic Aromatic Hydrocarbon Concentration Levels and Fat Contents of Gölçük Lake Sediment Samples <i>Melike Büşra Bayramoğlu Karşı, Ercan Berberler, Serpil Yenisoy, Duran Karakaş</i>
12:15-12:30	35	Investigation of Aerosol Transport to East and West Antarctica from South America <i>Esra Günaydın, Mahmut Oğuz Selbesoğlu, Mustafa Fahri Karabulut, Özgün Oktar, Bahadır Çelik, Nazlı Doğan, Mehmet Enes Bilge, Burcu Ozsoy</i>
12:30-12:45	112	Comparison and Evaluation of Drought Indices and Trends <i>Ahmet Faruk İpek, Ercan Kahya</i>
12:45-13:00	86	Assessment of Heavy Metal Levels in Children's Bedroom Dust in Istanbul (Turkey) and Their Possible Exposure <i>Fatos Ayca Ozdemir Olgun</i>
13:00-13:15	108	Analysis of Long-term Atmospheric Aerosols over Deserts Region and at the Türkiye National Observatory <i>Sima Aydın, Rabia Beyza Türkmen, Funda Yüzlükoğlu, Kazım Kaba, Cahit Yeşilyaprak, H. Mustafa Kandırmaz</i>
13:15-13:30	79	Assessing the impact of extreme temperature events on air quality in Portugal <i>Ana Ascenso, Marcos Moran, Diogo Luris, Alexandra Monteiro, Carla Gama</i>
LUNCH / 13:30-14:30		
25 OCTOBER 2024 FRIDAY / 14:30-17:30		
TIME	ID	SESSION F3 MAIN HALL - WEATHER ANALYSIS AND PREDICTON - CHAIR: ASSIST. PROF. DR FUNDA DÖKMEN
14:30-15:00		INVITED SPEAKER - MURAT DURAK
15:00-15:15	10	ERU-Sat observations to improve thunderstorm forecasting through atmospheric measurements <i>Nesibe Özel, Selman Nas</i>
15:15-15:30	73	Sıcak bulut Derinliği ve Kuvvetli Yağış İlişkisi <i>Mustafa Yurtseven, Betül Nisa Atmaca</i>
15:30-15:45	94	Historical High Resolution Simulation of The Frozen Bosphorus: The Winter of 1954 <i>Sinan Şahinoğlu, Barış Önal</i>
15:45-16:00	115	Comparing model results for predicting temporal variations of SST and rainfall rate <i>Omar Sawalha, Abdalla Dwikat, Nura Ahmed, Sagand Mola, Zafer Aslan, Melike Yeter</i>
16:00-16:15	101	EVALUATION OF BIOTECHNOLOGICAL APPLICATIONS IN REMOVAL OF AIR POLLUTANTS <i>İşıl Y Tekten, Nurdan Gamze Turan</i>
16:15-16:30	15	EVALUATION OF LONG-TERM TEMPERATURE, PRECIPITATION AND HUMIDITY DATA OF ISTANBUL PROVINCE WITH FUZZY LOGIC <i>Funda Dökmen, Ayşe Nur Uzunlar, Cansu Aslan, Nevcihan Duru</i>
16:30-16:45	47	METEOROLOGICAL ANALYSIS OF FOREST FIRES THAT OCCURRED BETWEEN JULY 28 AND AUGUST 12, 2021 <i>Yasemin Damla Özdemir, Bahtiyar Efe</i>
16:45-17:00	102	UÇUŞ TRAFİĞİNDEKİ GECİKMELERDE METEOROLOJİK ETKİNİN ARAŞTIRILMASI <i>Mahmut Müslüm, Gizem Hodoğlu, Ahmet Çal</i>
17:00-17:15	127	Visibility classification and prediction for major cities in Türkiye <i>İbrahim Akbayır, Deniz Demirhan</i>
25 OCTOBER 2024 FRIDAY / 17:15-17:30 CLOSING CEREMONY		

11th ATMOSPHERIC SCIENCES SYMPOSIUM PROGRAMME

POSTER SESSIONS – SÜLEYMAN DEMİREL CULTURAL CENTER

23 OCTOBER 2024 WEDNESDAY / 09:00-18:00	
ID	TITLE
32	2022-2023 Yılları Muğla-Milas İstasyonu Hava Kirliliğinin ve Orman Yangınlarının Meteorolojik Faktörler ile Analizi <i>Meryem Uçar, Rümeysa Ergür, Şevval Hevra Seçgin, Hüseyin Toros</i>
9	LIGHT POLLUTION <i>Mine Tulin Zateroglu</i>
12	ATMOSPHERIC AEROSOLS <i>Mine Tulin Zateroglu</i>
61	Sensitivity Study with PBL Parameterization Schemes for Wind Simulations over Istanbul During Winter Months <i>Begüm Arslan, Emir Toker, Ceyhan Kahya</i>
64	Interaction between microplastics and antibiotics under indoor dust environment <i>Aslı Baysal, Hasan Saygin, Arın Berber, Sinem Karnıyarık, Pınar Kayışoğlu, Semra Akın</i>
62	Comparison of the isolation procedures to detect polypropylene microplastics in house dusts <i>Aslı Baysal, Hasan Saygın, Pınar Kayışoğlu, Semra Akın, Arın Berber, Sinem Karnıyarık</i>
66	25 Mart 2024 Tarihli İTÜ Maslak Yerleşkesi Üzerindeki Soğuk Cephe Geçişinin Meteorolojik Değişkenlere ve Hava Kirleticilerine Etkisinin Araştırılması <i>Rümeysa Ergür, Sefa Batuhan Sarıçicek, Muhammet Bakırcı, Ayşenur Dolunay Uçar, Ceren Cansu, Emrah Tuncay Özdemir</i>
67	Analysis of Severe Meteorological Events at Airports in New South Wales, Australia, from 2014 to 2024 <i>Fatma Yaren Köse, Aleyna Balcı, Emrah Tuncay Özdemir</i>
129	Urbanization Impacts on LST, NDVI, NDBI, and Built-Up Index A Comperative Study in İstambul Megacity (2002-2023) <i>Ayşegül Zeynep Gök, Yiğitalp Kara, Hüseyin Toros</i>
24 OCTOBER 2024 THURSDAY / 09:00-18:00	
122	WIND PATTERN PROJECTIONS OF CMIP6 MODELS FOR TÜRKİYE <i>Eliz Özön, Ece Çay, Sıla Sever, Ayşenaz Şahin, Ceren Cansu, Ceyda Efe, Eda Atik, Ferzan Ersoy, Furkan Gökırmak, Şevval Haytural, Verda Kıplapınar, Yusuf Şahin Öztürk, Sevinç Asilhan, Elçin Tan</i>
112	Comparison and Evaluation of Drought Indices and Trends <i>Ahmet Faruk İpek, Ercan Kahya</i>
3	ATAŞEHİR CLİMATE CHANGE ADAPTATION ACTION PLAN <i>Feyza Dişli, M. İpek Önder, Çiğdem Kara, Ayten Bağdatlıoğlu Kartal, Esra Demir, Oya Tabanoğlu</i>
74	INVESTIGATION OF ARCTIC TOP-OF-ATMOSPHERE (TOA) OUTGOING LONGWAVE RADIATION (OLR) <i>Merve Aydemir</i>
60	Hydrometeorological Analysis of 9th July 2023 Bartın Floods by Flash Flood Guidance System (FFGS) <i>Ertan Turgu, Mustafa Yurtseven, Alaattin Uğurlu, Sercan Akıl, Özkan Öz</i>
45	2014-2024 Yılları Arasında Yeni Güney Galler Bölgesi'ndeki (Avustralya) Rüzgâr Fırtınalarının Araştırılması: METAR ve SPECI Verilerine Dayalı Trend Analizi <i>Şevval Naz Demiral, Gökçe Nur Çöloğlu, Serra Sırdas, Yasemin Ece Yavuztürk, Emrah Tuncay Özdemir</i>
95	Investigation of Air Quality in Sivas Province Using Meteorology Model <i>Berrin Çelik, Zehra Ünlü, Muhammed Denizoğlu, Enes Birinci, İbrahim Kaya, Hüseyin Özdemir, Emrah Tuncay Özdemir</i>
5	Coastal Wetlands Management and Groundwater Quality in Northeastern Algeria: A Case Study of the Sanhadja-Guerbés Wetland Complex <i>Nabil Harrat, Wahiba Hamzaoui, Fatah Boutouga</i>
25 OCTOBER 2024 FRIDAY / 09:00-18:00	
43	ANALYZING FOG OCCURRENCES AT ANTALYA INTERNATIONAL AIRPORT <i>Muhammed Keskin, Deniz Demirhan</i>
70	KURAKLIK VE SICAK HAVA DALGALARININ BİTKİ GELİŞME DÖNEMİNDEKİ DEĞİŞİMİNİN ANALİZİ <i>Yağmur Sıla Kılıç, Levent Şaylan</i>
71	BOWEN ORANI ENERJİ DENGESİ YÖNTEMİ İLE BUĞDAY BİTKİSİNİN ENERJİ AKILARININ BELİRLEMNESİ <i>Mehmet Ceylan, Levent Şaylan</i>
16	SYNOPTIC ANALYSIS OF TROPICAL CYCLONE FREDDY <i>Berk Yılmaz Ayrancı, Rabia Nida Sofu, Mehmet Yasin Atılğan, Esma Nur Demirtaş, Emrah Tuncay Özdemir</i>
22	Overview of Halo Types Determined by the Shape and Orientation of Ice Crystals in the Atmosphere and Halo Simulation <i>Rabia Nida Sofu, Deniz Demirhan</i>
130	MARMARA BÖLGESİ FEVK ANALİZİ <i>Dilan Çağla Tunç</i>
103	Agricultural Biomass Burning and Environmental Impacts and Health Effects <i>Orhan Sevimoğlu</i>
29	İzmir Havalimanları'nın Gök Gürültülü Fırtınalarının Araştırılması <i>Şevval Haytural, Ceyda Efe, Emrah Tuncay Özdemir</i>
	Dynamics of Urban Air Quality: A Five-Year Analysis of Pollution in Istanbul <i>Rusul al-bayati, Hüseyin Toros</i>