

August 2025

ANADOLU BİL VOCATIONAL SCHOOL



e-newsletter

T.C.
İSTANBUL AYDIN ÜNİVERSİTESİ
COMMISSIONAIRE
Prof. Dr. Mustafa AYDIN
Chairman of the Board of Trustees

EDITORIAL BOARD:

Prof. Dr. Mustafa ÇIKRIKÇI
Director of IAU - ABMYO

Dr. Güven ÖZDEMİR
Assistant Director of IAU – ABMYO

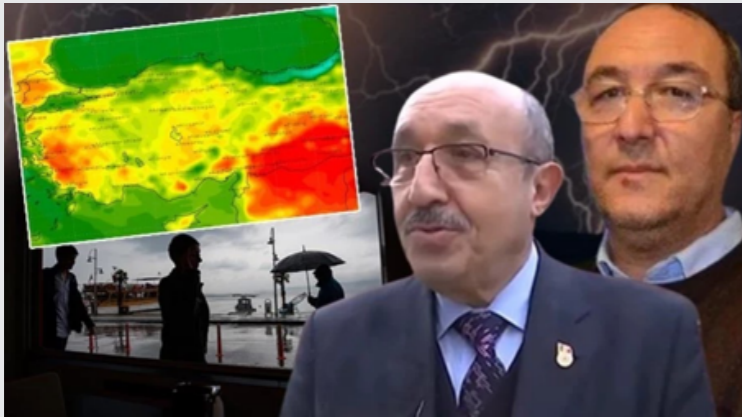
Instructor Nihat KEMANKAŞLI
Head of the Graphic Design Program,
IAU – ABMYO

Instructor Mete YALÇIN
Graphic Design Program, IAU – ABMYO

Translation

Instructor Fatemeh K.Purian
Electricity Program, IAU – ABMYO

PRESS RELEASE



Dr. Güven Özdemir

Dr. Güven Özdemir Gave an Interview to Hürriyet on the Expected La Niña Phenomenon This Winter

Heavy rainfall, cold waves, and the first snow: La Niña is approaching! When will the drought end?

This year, a climatic development with the potential to alter weather patterns is emerging: La Niña. We are closely monitoring the impacts of La Niña, which is evolving in the tropical Pacific, along with the cooling effects that follow the summer season. What weather conditions await us in the coming days? What can we expect in September? When will the drought come to an end? And when will the first episodes of heavy rainfall, cold waves, and snowfall occur?

Experts have already shared with Hurriyet.com.tr significant insights into how weather patterns may evolve during the upcoming autumn and winter months. As we approach the final days of summer—when weather forecasts are most frequently monitored—the noticeable coolness in the mornings and evenings signals the quiet arrival of autumn.

While nature prepares to dress in shades of yellow and orange, larger-scale atmospheric changes are also becoming evident. Global climate models indicate the formation of a moderate La Niña phase in the tropical Pacific, which may shape regional climate conditions in the months ahead.

Recent data from major climate institutions,

including the National Oceanic and Atmospheric Administration (NOAA) in the United States and the European Centre for Medium-Range Weather Forecasts (ECMWF), indicate that the La Niña phase—expected to begin in autumn—could remain influential throughout the winter season. The findings suggest that this phenomenon may lead to significant alterations in atmospheric circulation patterns, with potential impacts on regional and global climate conditions.

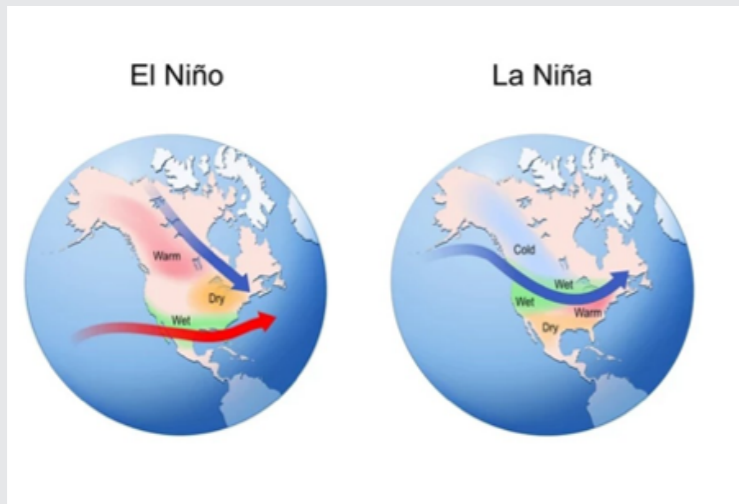
This is also a development that must be closely monitored for Europe.

This situation must be closely monitored in both the US and Europe. Although La Niña is not a system that directly targets Europe, it can influence air currents over the Atlantic and the polar jet stream, leading to indirect yet significant changes in Europe's winter weather patterns. Such effects have been observed in the past.

This year, the situation may be more complex.

In the United States, the classic effects of La Niña are typically observed as warmer and drier conditions in the southern states, while the north-





La Niña conditions have prevailed since June.

Meteorological Engineer Adil Tek, in his assessment regarding El Niño and La Niña conditions, which vary depending on sea surface temperatures in the Pacific Ocean, stated:

“From the beginning of 2024 until April, El Niño conditions were dominant. Neutral conditions were observed from late April to the end of May. However, as of June, La Niña conditions have taken hold.”

Noting that La Niña is currently not forceful and remains close to neutral levels, Tek added:

“Based on climate models, it is projected that the influence of a weak to moderate La Niña will persist until January 2026. In this regard, I concur with the forecasts of international institutions.”

Dr. Güven Özdemir, meteorology expert and faculty member at Istanbul Aydın University, emphasized that it is difficult to make definitive statements at this stage, saying:

“There is still a long period ahead, but I also concur with the projections published in international reports. Model analyses indicate that La Niña will intensify during certain phases and subsequently weaken. In other words, fluctuations within the process are to be expected.”

hern and northwestern regions experience colder and wetter weather. In contrast, the outlook for Europe remains more uncertain. According to experts at NOAA, the configuration of the jet stream over the Atlantic Ocean will play a decisive role in shaping the continent’s winter conditions.

This year, for those who enjoy snowfall, the situation is particularly complex. Due to rising global temperatures, even if precipitation occurs, snow accumulation may be difficult.

So, what does all of this mean? What kind of autumn and winter can regions situated at mid-latitudes, such as Europe and Turkey, expect? And how will weather conditions evolve in the coming days?

Drought conditions are particularly severe this year, with some cities even experiencing water shortages. When can we expect heavy rainfall, and when will the drought period come to an end?

All of these questions represent the key points of interest regarding the progression of the upcoming autumn and winter seasons.

El Niño and La Niña are natural climate phenomena that occur due to variations in sea surface temperatures in the equatorial region of the Pacific Ocean. During El Niño, sea surface temperatures are higher than normal, which can influence global weather patterns, leading to extreme events such as increased precipitation or droughts. In contrast, La Niña is characterized

by colder-than-normal sea surface temperatures, producing different climatic effects in various regions. Both phenomena have a significant impact on global weather, affecting critical sectors such as agriculture, fisheries, and water resources.

Attention: There’s a chance that this year’s vortex disruption will occur.

Adil Tek, who emphasized the decisive role of developments in the polar and Arctic regions during La Niña, stated:

“The jet streams, influenced by conditions in the Arctic, determine whether the vortex will disrupt.” Winters tend to be harsher when the vortex disrupts. If the vortex remains intact, winter conditions follow a normal pattern. This year, however, there are expectations that the vortex may be disrupted. Yet, the outcome is not certain and is currently considered only a possibility.”

October and November are expected to follow seasonal norms; December, January, and February, however...

Adil Tek, in his assessment of seasonal forecasts, predicted that warm days will surpass cold ones in September. He also provided the following predictions for the autumn and winter months.

According to NOAA’s seasonal forecasts, based on reports published just two days ago, the number of warm days in September is expected to exceed that of cold days. October and Novem-



ber are anticipated to remain close to seasonal norms, while December, January, and February are expected to experience temperatures approximately one degree above the seasonal averages.

This implies the number of warm days during the winter months will exceed the number of cold days, but it does not mean that cold days will be entirely absent. Such forecasts reflect deviations from the average and anomalies. For instance, even if temperatures appear above average, several cold waves may occur in January, potentially bringing intense snowfall and frigid conditions for a few days.

Dr. Güven Özdemir noted that with the onset of autumn in the Northern Hemisphere, the polar vortex has formed. He stated: This is a natural process that occurs every year and leads to an acceleration of the zonal winds. Precipitation is also beginning to appear at seasonal norms. However, we can no longer experience 'normal' conditions, as significant changes have occurred in the climate."

Dr. Özdemir indicated that the Icelandic low-pressure system is expected to strengthen during the second half of autumn. He stated:

"In the past, this system would bring very heavy rainfall to our country. However, due to the formation of heat islands and rising temperatures, such precipitation has decreased. Starting in the second half of the autumn, this system, which primarily affects the Balkans, may occasionally impact Turkey as well. During this period, he-

avy rainfall, storms, and thundershowers can be expected. This kind of weather may be observed between late October and November."

Even if precipitation occurs occasionally, the risk of drought remains high.

Dr. Güven Özdemir also noted that precipitation may remain limited in certain regions, stating: "The likelihood of average temperatures remaining slightly above seasonal norms is high. Despite the possibility of occasional rainfall in the second half of autumn, we anticipate overall drought conditions. Considering that irregular precipitation is generally below average, the risk of drought in our region remains significant."

When will we overcome the drought?

In response to this question, Adil Tek stated:

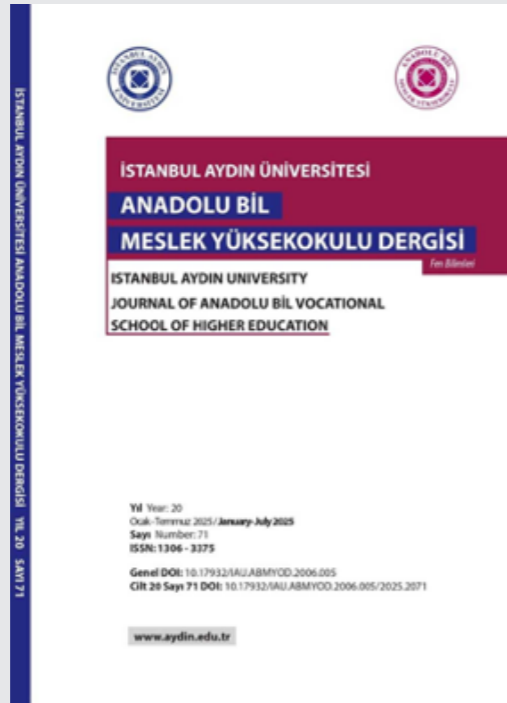
"September will remain dry, with precipitation below average. Rainfall in October is also expected to stay below average. In November, drought conditions will persist in the Aegean, Marmara, and Southeastern regions, while other areas are expected to follow seasonal norms."

He also highlighted the following points:

"Precipitation above the seasonal average is expected in December and January. While drought conditions will continue, relief is likely to begin around December. Whether such rainfall will result in snowfall is difficult to predict at this stage, but it remains within the realm of possibility."

Source: [Hurriyet.com.tr/29.08.2025/İsmail SARI](https://www.hurriyet.com.tr/29.08.2025/ismail-sari). ■

PUBLICATION



The July 2025 issue (Volume 20, Issue 71) of ABMYO Journal has been published on Dergipark

ABMYO Journal is a peer-reviewed scientific journal published twice a year (in July and December) in both print and electronic formats. The journal accepts articles in the field of natural sciences, employing various scientific research methodologies. All submissions are evaluated by the ABMYO Journal editorial board and reviewed by national and international experts.

All articles accepted by reviewers are published free of charge. The journal is indexed in Europub, Asos Index, Academic Search Ultimate (EBSCOhost), Academindex, Acarindex, and Google Scholar, covering both national and international indexing platforms.

For the December 2025 issue, ABMYO Journal welcomes your scientific article submissions and peer-review recommendations.

Journal Editor: Dr. Instructor Ayla Ünver Alçay

You can access the latest issue via the following link:

<https://dergipark.org.tr/tr/pub/abmyoder/issue/93995>

EVENT



Online International Collaboration Meeting Between ABMYO International Development, Monitoring and Guidance Commission, and Isfahan University of Technology.

Collaboration Meeting

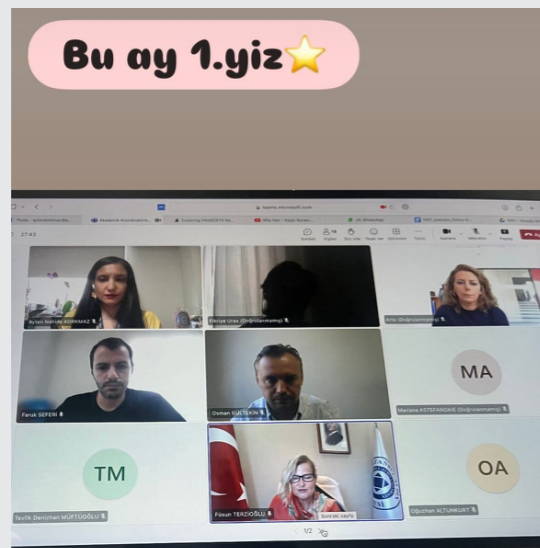
An online meeting was held between Istanbul Aydın University and Isfahan University of Technology to foster scientific collaboration and knowledge sharing. Participants included Instructor Fatemeh Khosravi Purian and Instructor Ayten Nahide Korkmaz from the ABMYO International Development, Monitoring, and Guidance Commission, and Dr. Ali Sadollah and Dr. Mina Tajvar from Isfahan University of Technology.

The meeting focused on technical collaborations, faculty and student exchanges, and the

execution of joint projects in artificial intelligence, engineering, and other academic fields. The discussions were conducted in a positive and constructive atmosphere, marking an important step toward the expansion of scientific and research collaborations between the two universities.

It is hoped that these discussions will contribute to the development of joint projects, enhance the academic and research standards in relevant fields, and ensure the successful continuation of future collaborations.

EVENT



Anadolu BIL Vocational School Ranks First in International Activities

ABMYO's international initiatives helped our university secure first place in the institution's July evaluation. We congratulate all our faculty members for their valuable contributions and extend our sincere thanks for their dedicated efforts.

EVENT



Instructor Ayten Nahide Korkmaz Conducted Important Meetings on Behalf of ABMYO at Tetova University, North Macedonia

Instructor Ayten Nahide Korkmaz, a faculty member of the International Trade (English) program at Istanbul Aydın University, visited Tetova University in North Macedonia. During her visit, our international academic coordinator conducted meetings aimed at establishing new international collaborations and signed protocols on behalf of Anadolu BIL Vocational School (ABMYO). She also met with Prof. Dr. Birkene Azari, Dean of the

Faculty of Economics, as well as Prof. Dr. Merale Fetahi Vehapi and Assoc. Dr. Ali Makaudi. During these discussions, Instructor Korkmaz shared information about Istanbul Aydın University's international academic activities and was invited to Tetova University as a guest academician. She also exchanged insights with Prof. Dr. Birkene Azari regarding university operations, teaching methodologies, and the conference scheduled for October.

EVENT



Ayten Nahide Korkmaz Initiates International Collaborations in North Macedonia Within the Scope of Erasmus Training Activities

During the Erasmus Training activities, Instructor Ayten Nahide Korkmaz, who visited Tetova University (North Macedonia), held discussions with the International Office to establish several new collaborations.

She met with Prof. Dr. Birkene Azari,

Dean of the Faculty of Economics, as well as Prof. Dr. Merale Fetahi Vehapi and Assoc. Dr. Ali Maksudi. With Prof. Dr. Birkene Azari, she exchanged information on university operations and teaching methodologies and discussed preparations for the conference scheduled in October.

EVENT



The International Trade (English) Program Holds a Working Meeting with the Turkish Exporters Assembly (TİM)

The International Trade (English) Program held a working meeting with the Turkish Exporters Assembly (TİM) from August 25 to May 28, 2025. The meeting, hosted by Istanbul Aydın University, was attended by Assoc. Dr. E. Tutku Vardağlı, Head of the International Trade (English) Program; Instructor Atila Er; TİM Project Coordinator Meral Beyazıt; and TİM Head of Legislation and Sectoral Policies Burak Günaydın.

During the meeting, which focused on current developments in international trade, decisions were made to strengthen the collaboration between our university and TİM. For the Fall 2025-2026 semester, it was agreed to offer new training and certification programs to our students within the scope of the TİM Wings (Women International Networking and Global Sales) Project, which is conducted by the Turkish Exporters Assembly.

PAPER



Instructor Ayten Nahide Korkmaz's Article Published

Instructor Ayten Nahide Korkmaz, together with Prof. Dr. Andreas Pyka and Stephanie Lang from the Chair of Innovation Economics at Hohenheim University, and Prof. Dr. Elif Nuroğlu, has published the work she began three years ago, titled:

“Towards a Sustainable Bioeconomy in Turkey: Challenges, Opportunities, and Pathways for EU Collaboration”

European Planning Studies has published the article.

Access the article here: <https://lnkd.in/drypgfun>

PRESS

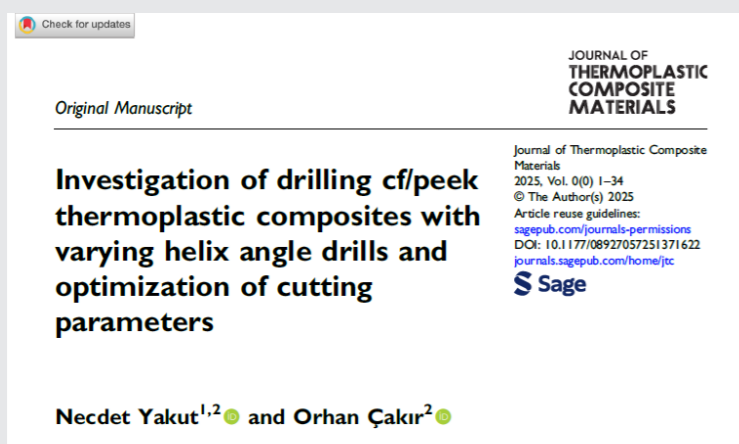


Instructor Nesli Kahraman Gedik is featured as a live broadcast guest on Meltem TV Innovative Approaches to Statistics and Emotional Intelligence by Instructor Nesli Kahraman Gedik

Nesli Kahraman Gedik, an instructor in the Logistics Program at Istanbul Aydın University, appeared as a live guest on Meltem TV on June 15, 2025, where she delivered significant insights on the intersection of statistics and emotional intelligence. During the program, the concept of statistics was elaborated through a scientific research example, with a particular focus on her original study entitled “Emotional Intelligence (EQ) and Self-Regulation.” Gedik gave a thorough introduction to this work, emphasizing its theoretical and practical implications.

In addition to her research, Gedik’s innovative contribution to statistics education has also drawn attention. To support her students’ learning, she launched a social media initiative through the Instagram account “statistical_information.” This platform offers free, accessible, and content-rich resources for individuals interested in learning statistics and for students seeking supplementary study materials. By connecting academic knowledge with more people, the initiative helps fill an important need for learning support and shares educational information in a fun and useful way.

PAPER



Instructor Necdet Yakut’s Study Published (Scopus Q1 Index)

Necdet Yakut, an instructor in the Mechanical Program at Anadolu Bil Vocational School, has published his research entitled “Investigation of CF/PEEK Thermoplastic Composite with Varying Helix Angle Drills

and Optimization of Cutting Parameters” in the Journal of Thermoplastic Composite Materials, which is indexed in Scopus Q1.

DOI: <https://doi.org/10.1177/08927057251371622>

EVENT



Exhibition Visit by Chairman of the Board of Trustees, Prof. Dr. Mustafa Aydın

The university administration carefully reviewed projects prepared by the students of Istanbul Aydın University (IAU) Fashion Design Program, under the theme of sustainability and creativity.

Prof. Dr. Mustafa Aydın, Chairman of the Board of Trustees of IAU, together with Nihal Bolkol, Instructor and Head of the Fashion Design Program, visited the exhibition and evaluated the students' works on site. In his statement regarding the projects, Prof. Dr. Aydın remarked: "These original works, which cultivate the designers of the future, best refle-

ct our university's vision of uniting science, art, and innovative thinking. Each of our young designers is creating their own unique identity and producing works with a meaningful voice in the world. I wholeheartedly congratulate all our faculty members and students for their dedication and efforts."

With the creative and distinctive perspectives demonstrated in their projects, the Istanbul Aydın University Fashion Design Program continues to raise awareness on both national and international levels.

EVENT



TİHCAD Exhibition Visit

The Fashion Design Department of Istanbul Aydın University proudly showcased its original designs prepared under the theme of sustainability. As part of this significant event, Ergin Aydın, Chairman of the Board of Directors of TİHCAD, and Board Member Birsen Şehirli Tor visited the department, accompanied by Nihal Bolkol, Instructor and Head of the Fashion Design Department, and Instructor Esra Kaya.

The visit gained an international dimension through the participation of international students who came to Turkey via TİHCAD. Two interna-

tional students who plan to establish their own brands in line with the Sustainable Development Goals, along with a student currently pursuing a master's degree in Germany, had the opportunity to explore the sustainability-focused projects and designs carried out within the Fashion Design Department at Istanbul Aydın University.

Drawing inspiration and experience from the department, the students took an important step toward their future brands, while this gathering served as a valuable example of sharing the vision of sustainable fashion on an international scale.

EXCAVATION STUDY



Discovery of a Cave with Traces from the Roman Period by Instructor Özlem Kışlalı in Devrek, Zonguldak.

Instructor Özlem Kışlalı Participated in the İnönü Cave Excavation

Instructor Özlem Kışlalı, a professional tourist guide and graduate student in art history at Istanbul University, affiliated with the Tourism Guidance Program, participated in the İnönü Cave excavation conducted by Bülent Ecevit University in Ereğli, Zonguldak.

The cave, which has been inhabited since the Chalcolithic Period, revealed multiple cultural layers and significant archaeological discoveries. Among the findings are some of Anatolia's oldest known gold ornaments, along with stone tools, animal bones, ceramic vessels, beaded necklaces, and numerous other artifacts.

Following the excavation, the Tourism Guidance Program aims to help integrate the cave into cultural tourism, thereby supporting its preservation and promotion. promotion of this valuable archaeological heritage.

CERTIFICATION



Instructor Fatemeh Khosravi Purian Earns Internationally Recognized Certification from the ICS Group Institute, Canada

Fatemeh Khosravi Purian, an instructor at the Electricity Program of Anadolu Bil Vocational School, has been awarded an internationally recognized certificate by the ICS Group Institute located in Toronto, Canada. The ICS Group is one of the leading institutions in the field of next-generation artificial intelligence, providing advanced and professional training for experts. This scientific achievement will strengthen teaching and research activities and make a significant contribution to the integration of up-to-date knowledge within our university.