



2022  
Sustainability Report  
SDG13

**13** CLIMATE  
ACTION



ABDULLAH GÜL  
UNIVERSITY



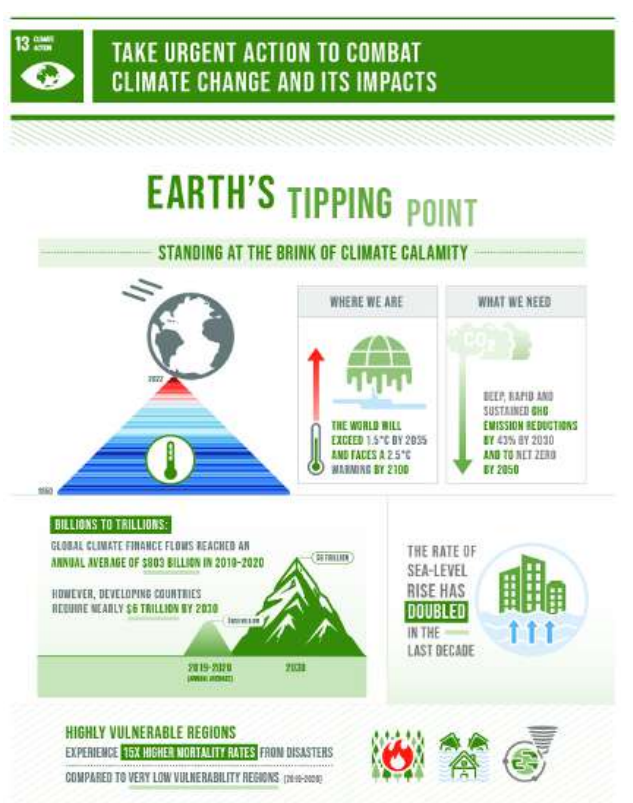
# SUSTAINABLE DEVELOPMENT GOALS

**13** CLIMATE ACTION



## SDG13: Climate Action

**SDG 13** aims to **take urgent action to combat climate change and its impacts**. The world is on the brink of a climate catastrophe, and current actions and plans to address the crisis are insufficient. Without transformative action starting now and within the current decade to reduce greenhouse gas emissions deeply and rapidly in all sectors, the 1.5°C target will be at risk and with it the lives of more than 3 billion people. Failure to act leads to intensifying heatwaves, droughts, flooding, wildfires, sea-level rise and famines. Emissions should already be decreasing now and will need to be cut by almost half by 2030 – a mere seven years from now. To combat climate change and its impacts by 2030, urgent and transformative action is needed to meet the commitments under the Paris Agreement across mitigation and adaptation efforts.



- **Target 13.1:** The number of deaths and missing persons due to disasters per 100,000 population has steadily decreased from 1.64 during the 2005–2015 period to 0.86 from 2012 to 2021. The average disaster mortality stood at 47,337 in absolute terms from 2015 to 2021. However, the number of persons affected by disasters per 100,000 people rose from 1,198 between 2005 and 2015 to 2,113 between 2012 and 2021. The number of countries with national strategies for disaster risk reduction has increased from 55 in 2015 to 126 by the end of 2021.

<sup>1</sup> <https://sdgs.un.org/goals/goal13>

On that basis, a total of 118 countries have reported having some level of policy coherence with other global frameworks, such as the 2030 Agenda and the Paris Agreement.

- **Target 13.2:** The increase in global temperatures has already reached 1.1°C, due to increasing global greenhouse gas emissions, which reached record highs in 2021. Real-time data from 2022 show emissions continuing an upward trajectory. Instead of decreasing emissions, as required by the target to limit warming, carbon dioxide levels increased from 2020 to 2021 at a rate higher than the average annual growth rate over the past decade and are already 149 per cent higher than pre-industrial levels. Projected cumulative future carbon dioxide emissions over the lifetime of existing and currently planned fossil fuel infrastructure exceed the total cumulative net carbon dioxide emissions in pathways that limit warming to 1.5°C (>50 per cent) with no or limited overshoot.
- **Target 13.3:** An analysis of 100 national curriculum frameworks reveals that nearly half (47 per cent) do not mention climate change. In 2021, despite 95 per cent of teachers recognizing the importance of teaching about climate change severity, only one third are capable of effectively explaining its effects in their region. In addition, 70 per cent of young people can only describe the broad principles of climate change in 2022.
- **Target 13.a:** According to the Organisation for Economic Co-operation and Development (OECD), total climate finance provided and mobilized by developed countries for developing countries amounted to \$83.3 billion in 2020, a 4 per cent increase from 2019, but still short of the \$100 billion target. Climate finance remains primarily targeted to mitigation, however, and adaptation finance continues to lag, with international finance flows to developing countries standing at 5 to 10 times below estimated needs. <sup>2</sup>

## AGU POLICIES AND PRACTICES

Climate change is affecting every country on every continent. It is disrupting national economies and affecting lives. Weather patterns are changing, sea levels are rising, and weather events are becoming more extreme. Universities need to be at the forefront of action to reduce the impact of climate change, especially amongst the poorest that will be the most affected. Therefore, Abdullah Gul University (AGU) adapts policies in order to reduce the negative impacts of climate change.

Within the scope of the Regulation on “Increasing Efficiency in the Use of Energy Resources and Energy” and the guide to renovating energy efficiency of public buildings prepared by the Ministry of Environment and Urbanism, data such as AGU energy consumption and carbon emissions are regularly sent to the Ministry of Energy. As it is stated, AGU has an



*The Solar Power Plant Built on the Department Building's Roof*

<sup>2</sup> <https://unstats.un.org/sdgs/files/report/2023/secretary-general-sdg-report-2023--EN.pdf>

Energy Efficiency Strategy, according to which the old fuel boilers using fuel oil in the existing buildings on the AGU campus were changed to natural gas boilers to reduce carbon emissions to nature. In addition, it is aimed to reduce carbon emissions and vehicle traffic at the campus and encourage pedestrian-bicycle use. A wind turbine has been established at the Mimar Sinan Campus, and experimental studies are ongoing within the scope of alternative energy sources.

AGU initiated the measurement of its low-carbon consumption in 2018. AGÜ shared its goal of becoming net zero carbon in 2029 with the public in its Climate Action Plan. Accordingly, the measures planned for energy, business travel, commuting, owned vehicles, waste, etc. are detailed in the Climate Action Plan. Accordingly, AGU has received ISO 14064-1:2018 certification, LEED certification and Zero Waste Certificate. In addition, AGU has joined the “Race to Zero” campaign, which was carried out jointly with UNEP, Second Nature, and EAUC. This campaign is a global initiative for zero carbon emissions, in 2021 832 universities from all over the world participated in it. With this program, a healthy and zero carbon emission improvement is aimed, which prevents threats to the future, provides decent job opportunities and paves the way for inclusive sustainable development.



Evrak Tarih ve Sayısı: 30/10/2020-4301



T.C.  
KAYSERİ VALİLİĞİ  
Çevre ve Şehircilik İl Müdürlüğü



Belge No: TS/38/B2/67

Tarih: 30/10/2020

**SIFIR ATIK BELGESİ**  
(Temel Seviye)

Adı : ABDULLAH GÜL ÜNİVERSİTESİ  
Adresi : BARBAROS Mahallesi, SÜMER YERLEŞKESİ KÜME EVLER, No: 8 -, KOCASINAN, KAYSERİ,  
Türkiye  
Vergi No : 5400387968

12/07/2019 tarihli ve 30829 sayılı Resmî Gazete'de yayımlanarak yürürlüğe giren Sıfır Atık Yönetmeliği'nce Sıfır Atık Yönetim Sistemi'ni kurarak Sıfır Atık Belgesi'ni almaya hak kazanmıştır.

Belge Son Geçerlilik Tarihi: 30/10/2025

e-İmzalıdır  
Sibel LİVDUMLU  
Çevre ve Şehircilik İl  
Müdürü

Bu belge, güvenli elektronik imza ile imzalanmıştır.

Belge Doğrulama Adresi: <https://www.tskbtp.gov.tr/evre-ve-shehiclik-il-mudurlugu/dogrulama-kodu-MBXW7YXK>

Bu belge 5070 sayılı Elektronik İmza Kanununun 5. Maddesi gereğince güvenli elektronik imza ile imzalanmıştır.



Kayseri Gas Administration and Kayseri and Vicinity Electricity Türk A.Ş. report the consumption amounts to AGÜ with an invoice document after monthly meter reading separately for each natural gas subscription and electricity subscription, respectively. In addition to electricity and natural gas consumption, AGU consumes diesel in its vehicles and generators, and gasoline in its lawn mowers. Verification of all these consumptions with invoices is carried out by a 3rd party independent audit company within the scope of ISO 14064 certification. Click [here](#) for more information.

AGU was founded as the new Socio-Technical University Model in order to lead and integrate “Environmental and Social Impact” into the larger higher education agenda. AGU ecosystem is comprised of international, national, and local collaborations with organizations such as United Nations High Commissioner for Refugees (UNCHR), United Nations Development Programme (UNDP), UN Academic Impact, SDG Universities, Global Solutions Initiatives, and the Sustainable Development Solutions Network. In all of its activities, AGU seeks to increase its impact by forming strong partnerships. The AGU’s ecosystem has two clear dimensions: (1) Corporate practices as an exemplary leader: Significant evidence for AGU’s Outstanding Contribution includes its Strategic Plan, Climate Action Plan, Zero Waste and LEED Certificate, ISO 14064:2018 Certificate, etc. (2) Teaching & research practices, to increase the awareness of citizens. AGU’s departments such as the Career Center, AGU Academy, Creative Hub, Children University, Technology Transfer Office (TTO), and the Youth Office are tasked with providing instruction and research not only for students, but also for the broader community, including industry partners, kindergarten, primary, and high school students. AGU has been awarded THE Awards Asia: Outstanding Contribution to Environmental Leadership for its activities.



## AGU PROGRESS

AGU tracks publications, projects, courses, theses, dissertations, and congress and symposium participation for all SDGs through AVESIS (Academic Data Management System).



	Low-Carbon Consumption	Campus Population	Low-Carbon Consumption per person
2020	2.254.260,24	2981	756,21
2021	2.690.143,78	3466	776,15
2022	3.600.970,61	4096	879,14

### Low-Carbon Consumption

Low-carbon consumption per person on campus was measured and is shown in the graph for the years 2020, 2021, 2021. According to the graph, it can be interpreted that low carbon production per capita was lower in 2020 and 2021 than in 2022 due to the pandemic-related shutdown.

## RESEARCH AND PROJECTS

A AGU aims to contribute to climate action by conducting many research and projects. Some of the research and projects carried out by AGU within the scope of this SDG are described below:

- **Kayseri Climate Change Action Plan (CCAP) Project**

The Kayseri CCAP Climate Action project, which was initiated with this understanding immediately after the ratification of the Paris Climate Agreement by our country and the 2053 net-zero vision, includes a planned action program aiming for a more resilient, carbon neutral and more sustainable urban life against climate hazards. The Kayseri CCAP Climate Action project was prepared with the support of 91 participants from various institutions and organizations. In this context, a 2-day workshop was organized. From AGU, 6 members including Abdurrahman Tekin, Ahmet Güç, Akif Taşkın, Dr. Fatma Şener Fidan, Recep Tayyip Akarsu, Prof. Dr. Niğmet Uzal participated and provided cooperation for planning.



Please click [here](#) to see Kayseri CCAP Climate Action Project Report.

### • Urban Network (UNet) Project

In recent decades, urban systems have faced a combination of gradual and sudden shocks. These shocks include disparities in development, problems linked to affordable housing, varying degrees of economic crises, demographic issues, persistent poverty, as well as unexpected events like large migration flows from conflict zones, earthquakes, and environmental degradation. Today, we find ourselves at the convergence of multiple social, political, and natural risks, collectively referred to as the “riskscape.” As a result, experiencing risks and shocks in various forms has become the norm rather than the exception. There is a clear imperative for comprehensive data collection, capacity building in methods and techniques, and the advancement of analytical capabilities to inform urban planning, policymaking, and, consequently, enhance urban resilience.

AGU acknowledges these challenges, particularly in a country with limited official statistics and data sources. Therefore, AGU seeks collaboration with European universities to leverage their expertise in best practices, past experiences, advanced data collection methods, analytical techniques, and a multi-stakeholder approach to support policymakers in addressing these issues. During the preparation of the UNet project proposal, local stakeholders, including the chambers of architects, commerce, and industry, as well as the Kayseri Metropolitan City have provided their support.

### • AGU Bostan (AGU Garden) Project

The main target of the “AGU Bostan” project, to be realized on an 800-square-meter area on the Sümer Campus, is designing an ecological, sustainable, and public campus experience.



*AGU Bostan Project*

## EDUCATIONAL PROGRAMS

AGU provides educational programs and campaigns on climate change. AGU’s GLB - Global Courses, mandatory for all undergrad students, educate them on the SDGs and current global challenges (Climate change, Health/Food, Sustainability, etc.). AGU also joined the SDG Academy to disseminate and create online course content focused on the SDGs and participates in Online Global Courses to teach UN SDGs to students globally.

AGU students exhibited the projects they prepared as part of the “GLB 301 Sustainability” course. The students worked on these projects to understand the concept of sustainability, have the knowledge to identify and evaluate sustainability-related problems, and develop their critical thinking skills.

At the graduate level, AGU offers an MSc in Sustainable Urban Infrastructure Engineering, where students are sensitized to global challenges and climate issues. Within the



curriculum of the Civil Engineering Department, students learn about environmental policies on pollution control, climate change, conservation, and biodiversity ([CE 476](#)). Additionally, Civil Engineering offers other [courses](#) such as Sustainable Energy Resources, Sustainable Concrete Technology, Hydrology and Water Resources Engineering, and Water and Wastewater Treatment Engineering.

## COOPERATION AND EVENTS

AGU organizes events educating the public on sustainability, including climate change risks and impacts.

AGU [collaborates](#) with NGOs on climate adaptation. AGU's partnerships are given below.

- **Global Solutions Initiative (GSI)**

The AGU signed a Memorandum of Understanding with the [Global Solutions Initiative \(GSI\)](#). AGU signed a Memorandum of Understanding with the [Global Solutions Initiative \(GSI\)](#).

“The Global Solutions Initiative (GSI) is a global collaborative enterprise to propose policy responses to major global problems, addressed by the G20, the G7 and other global governance fora. The policy recommendations and strategic visions are generated through a disciplined research program by leading research organizations, elaborated in policy dialogues between researchers, policymakers, business leaders and civil society representatives.”

AGU and GSI partnered formally in the following fields:

1. AGU Faculty members' participation in GSI group research, discussions, networks, workshops, research and exchange programs.
2. AGU members' active participation in the [GSI Annual Summit](#).
3. AGU students' involvement in the [Young Global Changers](#) program.
4. AGU members' involvement in the co-creation of training courses or camps for participants in the Young Global Changers program.
5. Joint commitment and efforts towards aligning the business sector with societal needs in order to enable a symbiotic economic and social progress. Recoupling economic and social prosperity.

The agreement also leaves the door open to further potential collaboration projects both AGU and GSI would like to pursue.

“The Global Solutions Initiative (GSI) provides recommendations and visions for the G20 on global challenges. The visions rest on recoupling economic prosperity with social prosperity. To generate policy proposals, the GSI brings together major think tanks and other research organizations in its [Council for Global Problem-Solving](#).”

On a yearly basis, the GSI organizes Global Solutions Summits, the objective being to provide policy recommendations for the G20. AGU aims to participate and contribute to these Summits addressing major Global Issues.



In 2022, AGU representative Sinan Genç joined Global Solutions Summit 2022 March, 28<sup>th</sup>-29<sup>th</sup> – Hybrid event from Berlin.



- **Race to Zero**

AGU has joined the “Race to Zero” campaign, which is carried out jointly by the United Nations Environment Programme (UNEP), the Second Nature organisation and the Alliance for Sustainability Leadership in Education (EAUC), an association aiming at sustainability in education.



The campaign, which is a global initiative for zero carbon emissions and is open to universities from all over the world, includes 832 institutions from different regions of the world.

The campaign, in which universities are expected to create strategies and plans for “zero carbon emission” targets in the future, aims for a healthy and zero carbon emission recovery that prevents threats to the future, provides decent job opportunities and paves the way for inclusive sustainable development.

- **Sustainable Development Solutions Network (SDSN) Global**

AGU is an official partner of the SDSN Global. In that capacity, AGU is committed to supporting the implementation of the SDGs at local, national, and global scales. The University’s organic and additional research is put at the disposal of the network in order to refine the gathering of data related to SDGs and craft effective policies, actions and best practices.

Spanning six continents, the SDSN Networks Program currently draws upon the knowledge and educational capacity of 800 member institutions. They work together to direct a multidimensional global network that attempts to address some of the world’s most pressing problems.



## Sustainable Development Goals:

- Climate Change
- Financing Sustainable Development
- National / Regional Networks
- SDG Academy
- Thematic Networks
- Solution Initiatives

### • SDSN Youth

In 2015, the SDSN launched its official youth initiative (SDSN Youth) to empower youth globally to create sustainable development solutions. SDSN Youth educates young people about the Sustainable Development Goals and provides opportunities for them to pioneer innovative solutions to address the world's biggest challenges.

SDSN Youth's mission is to empower youth globally, to create sustainable solutions. Our initiatives follow a three-step theory of change - education (awareness), collaboration (communities, connections), and supporting innovation; tackling key domain areas such

as schools, university campuses, cities, and entrepreneurship. The SDSN global network aims to take the world's top problems by hand and work together. The Sustainable Development Solutions Network (SDSN) Executive Committee has successfully approved Abdullah Gül University's membership in this network and a [SDSN Youth AGU Student Hub](#) was established.



### • SDG Academy

Already a member of the SDSN, the global initiative of the United Nations, AGU has also joined the [SDG Academy](#), the education leg of the initiative.

The SDG Academy is an online education platform that creates and delivers Massive Online Open Courses (MOOC) on interdisciplinary issues concerning 17 sustainable development goals determined by the United Nations. Course contents are being prepared by academics, practitioners and experts working on sustainable development.

With the application process led by Industrial Engineering Chair Prof. İbrahim Akgün and Architecture Chair Assoc. Prof. Burak Asiliskender, AGU presented its work towards the sustainable development goals and joined the SDG Academy.

AGU, particularly the Industrial Engineering and Architecture departments, will access all course materials of the SDG Academy, use them in classes and create new contents with the SDG Academy's team of experts.



The Global Problems & Responsibilities Curriculum for SDGs at Abdullah Gül University highlighted in the **SDSN Academy**. Click [here](#) to watch the video in the SDSN Academy. The main purpose of GLB Curriculum is to increase students and faculty members' awareness and sensitivity towards the United Nations Agenda 2030 and the 17 SDGs.



AGU was the **SDSN Mobilize Member Mondays** presents. See the [link](#).

### • Anatolian Universities Union

It was established with the meeting held on 25.05.2021 under the hosting and leadership of Sivas Science and Technology University in order to cooperate on many issues, especially for the purposes of high-level cooperation in research, education and training and information sharing activities to create original models and mechanisms for university-industry cooperation, to ensure the reflection and sustainability of quality standards and processes in the institutional structure of the member universities of the Union, and to share experiences and capacities.

Anatolian Universities Union was established with the meeting held on 25.05.2021 under the hosting and leadership of Sivas Science and Technology University in order to cooperate on many issues, especially for the purposes of high-level cooperation in research, education and training and information sharing activities. The aforementioned union aims to create original models and mechanisms for university-industry cooperation, to ensure the reflection and sustainability of quality standards and processes in the institutional structure of the member universities of the Union, and to share experiences and capacities.

The establishment meeting of the Union was attended by AGU Rector Prof. Dr. Cengiz Yılmaz, Amasya University Rector Prof. Dr. Süleyman Elmacı, Erciyes University Rector V. Prof. Dr. Recai Kılıç, Erzincan Binali Yıldırım University Rector Prof. Dr. Akın Levent, Kayseri University Rector Prof. Dr. Kurtuluş Karamustafa, Sivas Science and Technology University Rector Prof. Prof. Dr. Mehmet Kul, Rector of Sivas Cumhuriyet University Prof. Dr. Alim Yıldız, Rector of Tokat Gaziosmanpaşa University Prof. Dr. Bünyamin Şahin and Rector of Yozgat Bozok University Prof. Dr. Ahmet Karadağ attended the meeting on 25.05.2021 and the President of the Council of Higher Education Prof. Dr. Yekta Saraç also attended the meeting online.

The establishment meeting of the Union was held on 25.05.2021. AGU Rector Prof. Dr. Cengiz Yılmaz, Amasya University Rector Prof. Dr. Süleyman Elmacı, Erciyes University Rector V. Prof. Dr. Recai Kılıç, Erzincan Binali Yıldırım University Rector Prof. Dr. Akın Levent, Kayseri University Rector Prof. Dr. Kurtuluş Karamustafa, Sivas Science and Technology University Rector Prof. Prof. Dr. Mehmet Kul, Rector of Sivas Cum-

huriyet University Prof. Dr. Alim Yıldız, Rector of Tokat Gaziosmanpaşa University Prof. Dr. Bünyamin Şahin and Rector of Yozgat Bozok University Prof. Dr. Ahmet Karadağ attended the meeting. Also, the President of the Council of Higher Education Prof. Dr. Yekta Saraç attended the meeting online.



The number of members, which was 9 at the establishment of the Union, increased to 12 with the participation of Nevşehir Hacı Bektaş Veli University, İnönü University and Kırşehir Ahi Evran University.

- **Turkish Foundation for Combating Erosion, Reforestation and Protection of Natural Habitats (TEMA)**
- **The Turkish Foundation for Combating Soil Erosion, for Reforestation and the Protection of Natural Habitats**

The TEMA is an environmentalist foundation founded in Istanbul on 11 September 1992.

TEMA is an environmentalist foundation founded in Istanbul on 11 September 1992.



Fight against erosion, afforestation and protection of natural assets are among its main objectives. It is also known as Turkey's most widespread non-governmental organisation in the field of nature conservation.

In this regard, Abdullah Gül University Young TEMA Club continues its activities in an active manner.

### • Kayseri Model Factory

With the cooperation of AGU, Kayseri Chamber of Industry, Kayseri Chamber of Commerce and the United Nations Development Program (UNDP), the Kayseri Model Factory was established at AGU Sumer Campus. The Model Factory provides direct services to institutions and SMEs with mentoring, financial support and necessary trainings and consultancy such as productivity optimization, energy efficiency and waste management. Please click on the [link](#), to find the training topics of Kayseri Model Factory.



- **Cooperation Protocol between AGU and Goreme Municipality**

A cooperation protocol was signed between Abdullah Gül University AGU and Göreme Municipality of Nevşehir, one of the most important tourism centers of Turkey.

The protocol was signed between Göreme Mayor Ömer Eren and AGU Rector Prof. Dr. Cengiz Yılmaz.

According to the protocol, AGU and Göreme Municipality will cooperate in areas such as education, science, art, culture, culture, health, sports, research, collaborative project development and implementation activities.



- **Partnership with Ardahan City Council**

A cooperation protocol was signed between AGU and Ardahan City Council for the SDG workshop program within the framework of climate change.



With the protocol, joint studies will be carried out between the two institutions within the framework of UN SDGs, including topics such as climate change, water footprint, carbon footprint, food waste, quality education, sustainability of culture, smart cities and societies, clean energy, terrestrial and aquatic ecosystems.

Within the scope of the protocol, studies will also be carried out on the trainings to be given to teachers working at all levels in Ardahan and students studying in primary, secondary and high schools.

- **The Healthy Cities Association**

In 1988, the World Health Organization launched the Healthy Cities Movement to assess city health indicators and address factors that lower them.

In 1988, the World Health Organization launched the Healthy Cities Movement to assess city health indicators and address factors that affect the indicators negatively.

On December 2, 2004, the Council of Ministers established the Healthy Cities Union to promote the Healthy Cities Movement in Turkey. It was established under Local Government Unions Law 5355. It appeared in the 22.12.2004 Official Gazette. Healthy Cities Network now has 1400 cities/municipalities in 5 regions. On behalf of our coun-

try, the Healthy Cities Association represents 27 countries and 100 European cities/municipalities. Healthy Cities Association has continued to promote “Healthy Cities” through its subjects and studies.

Its slogans “Sustainable Development” and “Creating Sustainable Cities” have brought together member municipalities to organize trainings, workshops, symposiums, conferences, international congresses, competitions, award ceremonies, and awareness activities on all urban and environmental health issues.

The slogans; “Sustainable Development” and “Creating Sustainable Cities” have brought together member municipalities to organize trainings, workshops, symposiums, conferences, international congresses, competitions, award ceremonies, and awareness activities on all urban and environmental health issues.

AGU is represented by Assoc. Prof. Mustafa Ayten as an Advisory Board Member in the Healthy Cities Union, Turkey’s most widespread local government union. Click [here](#) for more details. Also, an [event](#) organized in 2022 with the participations of 120 municipalities in Turkey.

Also, an [event](#) was organized in 2022 with the participations of 120 municipalities in Turkey.



- “Green Deal and Carbon Footprint” Training Given to Young Independent Industrialists Businessmen Association Kayseri Branch (MUSIAD) Kayseri

AGU Department of Industrial Engineering Lect. PhD Fatma Şener Fidan made a presentation on “[Green Deal and Carbon Footprint](#)” for Young MUSIAD Kayseri.



### • Sustainable Development Goals Training-14: Clean Energy & Climate

AGU and the Private High School of the TED Kayseri College Foundation jointly organized the Awareness Program on Sustainable Development Goals. The training program was held online with the support of the United Nations High Commissioner for Refugees (UNHCR). After successfully completing the 7-week training program on the goals of Climate Action, Sustainable Cities, and Life on Earth, the students received participation certificates from AGU.



In cooperation with AGU and 12 TED schools across Turkey, the Career Center organized the third United Nations Sustainable Development Goals awareness training for Junior Model of United Nations (JMUN) club students. Technology Transfer Office Lect. PhD Fatma Şener Fidan give training for “Clean Energy & Climate”.

### • Seminars on Climate Change by GLB Coordinatorship

AGU GLB Coordinatorship organized seminars on “Climate Change and Its Global Im-pacts” and “Roadmap for Preparing Your City’s Local Climate Action Plan” within the scope of GLB 205 course.

Dr. Ümit Şahin, Senior Expert and Climate Change Studies Coordinator at Istanbul Policy Center (IPC), participated as a speaker in the first of the seminars held online via Zoom platform.

Dr. Şahin stated that since the Industrial Revolution, carbon emissions in the atmosphere have increased due to the use of greenhouse gases in production and daily life, and as a result, the negative impacts of climate change on energy, agriculture and food security are at local and national levels. There was also a question and answer session on the impact of climate change on our country and its future impacts.

Dr. Ebru Eraslan from the International Relations Coordination Unit of the Ministry of Environment, Urbanization and Climate Change stated that one of the methods followed in order to combat climate change in cities is the reduction of greenhouse gas emissions and adaptation to its effects.

Dr. Eraslan analyzed climate change mitigation and adaptation policies in relation to urban planning at the city, district and neighborhood level and gave examples of Japan’s climate change mitigation and adaptation policies.

Both seminars were attended by students and academics.





- Panel on “Renewable Energy and the Future of Energy”

Within the scope of the European Union Climate Diplomacy Week activities, a panel on “Renewable Energy and the Future of Energy” was organized at AGU Sümer Campus with the support of Kayseri Chamber of Commerce EU Information Center, AGU and Kocasinan District Directorate of National Education.

AGU Vice Rector Prof. Dr. Erk Hacıhasanoğlu, Kocasinan District Director of National Education Bahameddin Karaköse, Kayseri Chamber of Commerce Secretary General Mevlüt Çil, academicians, Abdullah Gül University students and Osman Ulubaş Kayseri Science High School students attended the panel.

AGU Faculty of Engineering Dean Prof. Dr. Evren Mutlugün, AGU Institute of Social Sciences Director Assoc. Prof. Dr. Umut Türk, Erciyes Anadolu Holding Deputy CEO and RHG Enertürk General Manager Murat Aksu and KCETAŞ R&D Manager Dr. Kürşat Tanrıöven shared their experiences and knowledge with young people. The panelists gave extensive information on EU climate and energy policies and targets, renewable energy, energy-climate relationship, the future of energy and the opportunities offered by the renewable energy sector for young people. For more information about this event, please visit the [link](#).



- **TÜBİTAK 2237-A BİDEB 2022: Think about the Future, Take Action! Trainer Training for a Sustainable Future Focusing on Classroom Teachers**

With the project titled “Think the Future, Act” prepared by AGÜ with the support of TÜBİTAK, classroom teachers were given trainer training for all SDGs including SDG 13.

The project titled “Think the Future, Act” prepared by AGÜ with the support of TÜBİTAK, classroom teachers were given training of trainers for all SDGs including SDG 13.

Think the Future, Act, Take Action: Trainer Training for a Sustainable Future Focused on Classroom Teachers was held at AGU between 17-21 October 2022. After the training, certificates were presented to the participants. For details please go to project [website](#).



- **Sustainable Development Goals Workshop for Children in Cooperation with AGU and Kayseri Tohumluk Foundation**

The “Sustainable Development Goals Workshop”, the first step of an extensive training program, was hosted by AGU. The training was coordinated by Post-Doc Researcher Sümeyra Ayık and Assist. Prof. Sinan Akyüz on behalf of AGU and retired faculty member Füsün Acar on behalf of Tohumluk Foundation. For the details of this event, please visit the [link](#).



- **“Climate Action” Themed Workshop for Children**

“Sustainable Development Goals for Children” workshops were held in partnership with the Faculty of Architecture, AGU Academy and the Association for Solidarity with Asylum Seekers and Migrants (SGDD-ASAM). The workshop, held at AGU Sümer Campus, focused on “Climate Action”, the 13th article of the United Nations’ (UN) Sustainable Development Goals (SDGs). The workshop, which was attended by 6th grade students from Refika Küçükçalık Secondary School in Kocasinan, was held to raise awareness of students on climate crisis and global warming.

In the workshop, which was also organized by AGU Academy in the Computer Laboratory, graphic designer Nur Kartal from the Directorate of Press, Publications and Public

Relations trained students on visual communication, design ideas and basic design. Dean of the Faculty of Architecture Prof. Burak Asiliskender, Assist. Prof. Sümeyra Ayık, Prof. Dr. Sinan Akyüz and Dr. Bülent Çizmeçi from AGU Academy, graphic designer Nur Kartal and AGU students also attended the workshop.



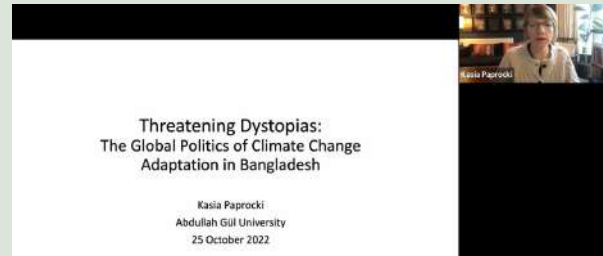
### • Climate Change Seminar by GLB Coordinatorship

AGU GLB Coordinatorship organized an online seminar on “Menacing Dystopias: The Global Politics of Climate Change Adaptation in Bangladesh” online seminar was organized by the GLB Coordinatorship.

AGU GLB Coordinatorship organized an online seminar on “Menacing Dystopias: The Global Politics of Climate Change Adaptation in Bangladesh”.

Assoc. Prof. Dr. Kasia Paprocki, Lecturer at the Department of Geography and Environment at the London School of Economics and Political Science, participated as a speaker at the seminar held on the Zoom platform.

Dr. Paprocki, who has been working on climate change for more than 15 years with a focus on South Asia and Bangladesh in particular, stated that climate change is already affecting the whole world in different ways, with some regions like Bangladesh being affected more than others.



Dr. Paprocki also talked about climate change mitigation and adaptation policies in Bangladesh.

Students and academicians attended the seminar.

### • Climate Change Workshop

AGU Civil Engineering Department Faculty Member Prof. Dr. Niğmet Uzal attended the Kayseri Climate Change Action Plan (CCAP) Stakeholder Workshop organized by Kayseri Metropolitan Municipality Climate Change and Zero Waste Department.

Prof. Dr. Uzal gave a presentation titled “Climate Change: Wastewater Reuse” at the workshop held at Kadir Has Congress Center Lifos Hall. In his presentation, Prof. Uzal touched upon wastewater treatment, wastewater reuse practices and sustainable development goals.

In her presentation, Prof. Uzal touched upon wastewater treatment, wastewater reuse practices and sustainable development goals.

Mayor of Metropolitan Municipality Dr. Memduh Büyükkılıç, Provincial Director of Environment, Urbanization and Climate Change Sibel Livdumlu, Deputy Secretary General of Metropolitan Municipality Ali Hasdal, Head of Climate Change and Zero Waste Department Buket Ergin, Climate Change Awareness Project Consultant Tamer Atalay and Engin Algür and academicians from different institutions attended the workshop.



The outputs to be obtained within the scope of the “CCAP-Kayseri Climate Action” project, in which various training and workshop meetings, greenhouse gas inventory and climate risk and vulnerability analyzes have been carried out so far, will be shared with stakeholders.

• **Joint “TCES Project Hard Surface Cleaners Sector Workshop” within the Scope of the Development of the Turkish Environmental Labeling System (TÇES) Project**

Within the scope of the project, criteria will be determined in 4 product groups (Paints and Varnishes, Detergents (Laundry Detergent and Dishwasher Detergent), Glass Products and Hard Surface Cleaners) in line with ISO 14024: Type 1 Environmental Labeling and ISO 14040/44: Life Cycle Assessment (LCA). standards and application guidelines will be prepared in accordance with the determined criteria.

Standards and application guidelines will be prepared in accordance with the determined criteria.

Within the scope of the project, promotional activities, surveys with the sector, pilot plant inspections and webinars will be organized.

In the project, technical support will be provided to the Administration within the scope of membership obligations to the Global Ecolabeling Network (GEN) and a scientific article will be prepared.

During the workshop, presentations were made on the Turkish Environmental Labeling System, Hard Surface Cleaner Production RDD studies - Good Practices and sectoral Examples, and opinions were exchanged on the results of sectoral RDD studies and draft environmental label criteria. As part of the workshop, Prof. Dr. Niğmet Uzal, one of the faculty members of our university, made a presentation.



As one of the project outputs, named “The Importance of Ecolabels in Sustainable Production and Consumption: Turkish Environmental Labelling System” article has been published.

- **SmartCity Kayseri Meetings**



Kayseri is a city located in the center of Turkey and has attracted attention with its rich cultural heritage and economic growth throughout history. During this growth process, the city aims for a sustainable future by focusing on technological innovations. Kayseri is taking important steps to offer its residents a more livable environment with its smart city projects and infrastructure. Many aspects of Kayseri Province, such as energy and environment, are discussed in the congresses organized under the name of Smart City Meetings. AGU periodically participates in these congresses.

- **Economy and Climate Change Summit**

AGU Faculty of Architecture Faculty Members Dr. Sinan Akyüz and Dr. Sümeyra Ayık attended the “Eco Climate: Economy and Climate Change Summit” with their presentation titled “Education for Sustainable Development Goals”. The summit aimed to raise public awareness on climate change and economic issues.

The summit, which was held in Ankara as carbon neutral, was attended by heads of state, representatives of public institutions, more than twenty international institutions and organizations, academics from more than thirty universities, municipalities with best practices, organized industrial zones, technocities and sector representatives.

12 thousand people attended the summit on-site and 50 thousand people participated online, and the Fair and Climate Museum with the theme of “Economy and Climate Change” was established.

The summit also featured more than twenty sessions with 150 national and international speakers, B2B meetings, certified training programs, trainings, workshops and exhibitions.



• Workshop on Energy Efficiency in Municipal Services and Heating & Cooling Sector

Assist. Prof. Rıfat Kurban participated in the “Workshop on Energy Efficiency in Municipal Services and Heating & Cooling Sector” organized by the Ministry of Energy and Natural Resources and the World Bank and shared his recommendations for energy and water efficiency in drinking water supply and distribution systems.

Assist. Prof. Rıfat Kurban participated in the “Workshop on Energy Efficiency in Municipal Services and Heating & Cooling Sector” organized by the Ministry of Energy and Natural Resources and the World Bank. Prof. Rıfat Kurban shared his recommendations for energy and water efficiency in drinking water supply and distribution systems.



• 6<sup>th</sup> International Symposium on the Environment and Morals

AGU Sustainability Coordinator Dr. Fatma Şener Fidan joined the 6<sup>th</sup> International Symposium on the Environment and Morals organized by Turkiye Environmental Foundation.



12 NOVEMBER 2022 / SATURDAY			
Speaker	Time	Panel / Chair / Moderator	Topic
M. HALİM BALIK	09:00 - 10:00	Panel Chair: Halim KARAN	Environmental Impact
100 Environmental Ethics Panel Chair: Süreyya AVIN	11:00 - 12:00	Panel Chair: Fatma DEMERBAK	Environmental Ethics
Faah ÖNERGİSKİ	11:00 - 12:00	Panel Chair: Fatma DEMERBAK	Environmental Ethics
Preparation of a Green Strategy in the Context of Urban Design: Evidence from the Floor to the Sky Using a Proprietary Model			
Abdurrahman KESKİN			
Integrating Environmental Stakeholders with Their Best Conceptual: Proprietary Campaign			
Süleyman KUTUM			
The Relationship with Environment and Ethics in the Light of Quran and Sunnah			
Hamza ÖZTÜRKAN			
On Environmental Problems Offer a Sustainable Ethical Philosophy in the Middle Ages			
Mehmet Emin USTAHELİOĞLU			
Philosophical and Legal Change of Law and Environmental Perspectives: From "Right to Nature" to "Rights of Nature"			
11:00 - 12:00			
12:00 - 13:00			
13:00 - 14:00			
14:00 - 15:00			
15:00 - 16:00			
16:00 - 17:00			
17:00 - 18:00			
18:00 - 19:00			
19:00 - 20:00			
20:00 - 21:00			
21:00 - 22:00			
22:00 - 23:00			
23:00 - 24:00			

## • Sustainable Development Certificate and Awareness Program from AGU and TED College

“Sustainable Development Certificate Program” was organized in cooperation with AGU and TED Kayseri College Foundation Private Secondary School. The certificate program started online with the support of the United Nations High Commissioner for Refugees (UNHCR) and the United Nations Volunteers Office (UN Volunteers).

Under the leadership of TED Kayseri College Foundation Middle School, Junior Model of United Nations (JMUN) club students and teachers from 12 TED schools including TED Konya, Afyon, Aliğa, Atakent, Kocaeli, Eskişehir, Batman, Alanya, Sivas, Çorum and Samsun schools participated in the program.

United Nations Volunteers Office official Aydan Özkil raised the awareness of the students by talking about the 17 Sustainable Development Goals of the United Nations. AGU Vice Rector Prof. Dr. Erk Hacıhasanoğlu and TED Kayseri College Foundation Private Secondary School Principal Canan Yesbek answered the original questions of TED students about eradicating poverty, climate change, economic inequality, innovation, sustainable consumption, protecting the planet and ensuring that all people live in peace, justice and prosperity.

Prof. Dr. Erk Hacıhasanoğlu and TED Kayseri College Foundation Private Secondary School Principal Canan Yesbek answered the original questions of TED students about eradication of poverty, climate change, economic inequality, innovation, sustainable consumption, protecting the planet and ensuring that all people live in peace, justice and prosperity.

For more information about this event, please click [here](#).





[www.agu.edu.tr](http://www.agu.edu.tr)