

# Yeditepe University Sustainability Report

## 2021 2022



**YEDİTEPE  
UNIVERSITY**

## **Yeditepe University Sustainability Report**

Yeditepe University, within the framework of the “Sustainable Environmental Policy“, has adopted continuous improvement as a pioneering educational institution aiming international recognition and respectability in the fields of education, scientific research and social service, while focusing on environmental awareness and sustainability issues. Yeditepe University has identified its activities and goals in line with the Sustainable Environmental Policy.

In line with these objectives, we plan to become a leading educational institution at the national and international level with studies on “Environment and Sustainability” issues. We aim to increase social awareness by introducing these studies and practices within the scope of service to society. The demonstration of sustainability efforts in various areas has been identified as a priority in order to create a sustainable campus life. Environmental issues were taken into consideration in all academic and administrative decisions as well as activities at Yeditepe University.

In 2017, a “Sustainability” network was initiated by Yeditepe University in order to exchange information and collaborate with other universities. Firstly, by becoming a member of the UI GreenMetric World University Rankings (IWGM) system, the university became part of the “2017 GreenMetric International Assessment”. Secondly, we became a member of the “International Sustainable Campus Network” (ISCN) system and related studies were initiated.

UI GreenMetric is recognized as the world's first rating agency for sustainability. The UI GreenMetric University Sustainability Rating evaluates and compares the sustainability efforts at university campuses worldwide. The evaluation platform was established by the University of Indonesia in 2010 and evaluates participating universities every year.

GreenMetric is a platform that promotes internationalization, raises awareness of sustainability and tries to attract global awareness for environmental issues. It is open to the participation of all higher education institutions in the world. Every year, many universities from different countries are evaluated by GreenMetric in areas such as infrastructure, energy and climate change, wastes, water resources, transportation and education, are scored for each assessment category and as a result higher education institutions are ranked according to their total scores from these evaluations. The evaluation is carried out by a team of experts from the University of Indonesia.

UI GreenMetric World University Rankings (IWGM), has organized the 4th international GreenMetric Workshop in cooperation with Diponegoro University between the dates 8-10 April 2018, at Semarang in Indonesia. The theme of the 4th international GreenMetric Workshop Organisation has been determined as “Universities impacts and sustainable development goals”. At the platform established for the workshop, the universities have shared their best practices on ‘Sustainability’. Yeditepe University has participated in the workshop organization.



#### **4th International GreenMetric Workshop Organisation**

On 4-5 October 2019, the 2nd National Workshop on UI GreenMetric World University Rankings for Turkish Universities has been held in Zonguldak Bülent Ecevit University. The workshop aims to form a national platform to share the experiences and best practices about the sustainability of the universities and the GreenMetric expert members. Yeditepe University has participated in the workshop organization with its valuable contribution.

Since 2017, Yeditepe University participates UI GreenMetric World University Rankings every year. The results of UI GreenMetric World University Rankings, which Yeditepe University applied for the fifth time in 2021, were announced in December. 956 universities from 80 countries all over the world participated in the evaluation. Among the participating 71 universities from Turkey, Yeditepe University ranked second among foundation universities, 7<sup>th</sup> in overall Turkey, and 115<sup>th</sup> across the world. In October 2022, Yeditepe University has applied the UI GreenMetric World University Rankings for the sixth time. The number of participant universities increases every year and the results will be announced in December 2022.

**Yeditepe University evaluates its activities on “Sustainability“ in 6 main categories:**

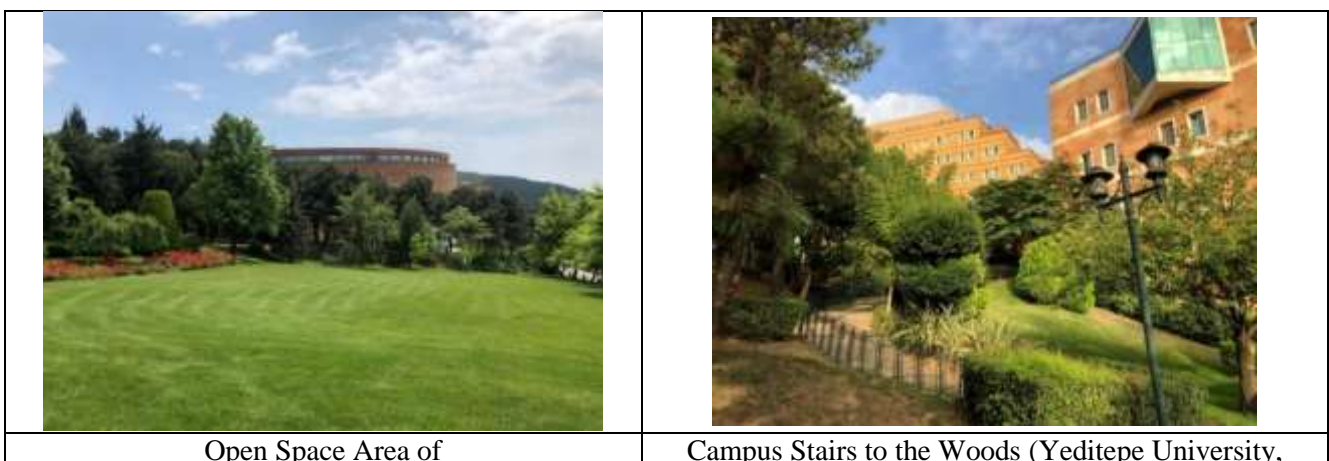
**Campus Setting and Infrastructure**

Sustainability criteria are applied in structural elements and green areas at the Yeditepe University Campus. All campus buildings have green building features such as natural ventilation, full-day natural lighting, and an energy management system.

Green areas within the campus take up a large space. Sustainability criteria are used in the design, maintenance and application of green areas. Besides, Yeditepe University also conducts studies to create an Arboretum. The development and protection of plant material are continued every year in the Arboretum and the campus landscaping area.





Yeditepe University has an outstanding campus landscape which has been recognized as one of the greenest university campuses in Istanbul. All the campus buildings are located within the campus landscape which have access to different types of landscaped open spaces. The campus vegetation includes a rich plant diversity.



Open Space Area of

Campus Stairs to the Woods (Yeditepe University,

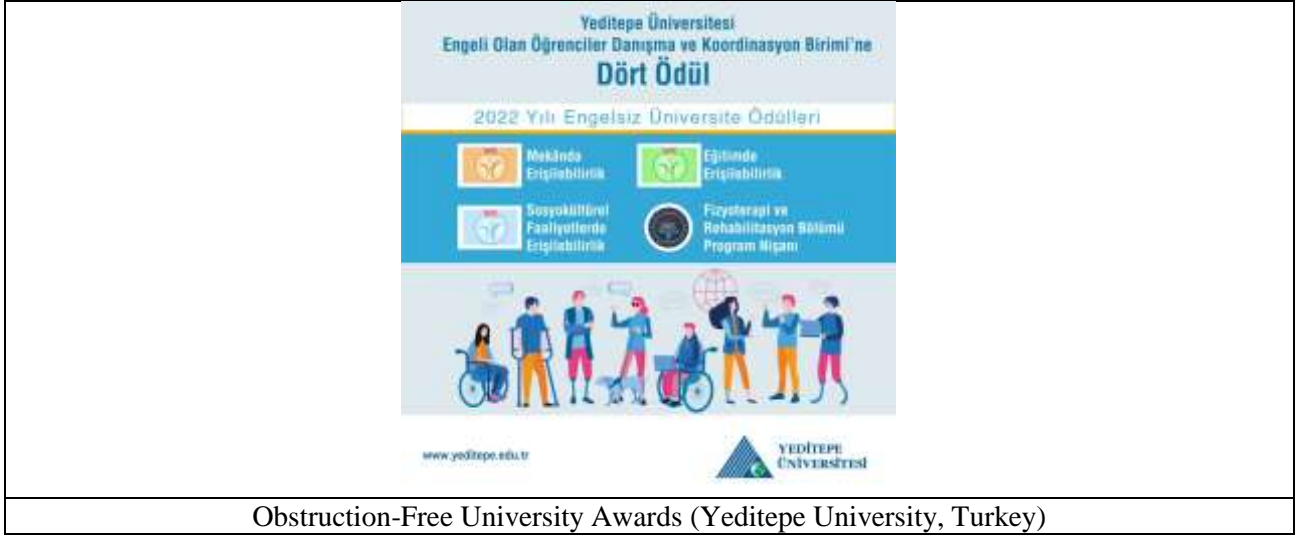
Rectorate Building (Yeditepe University, Turkey)	Turkey
	
Plant Species Labels (Yeditepe University, Turkey)	Indoor Plants (Yeditepe University, Turkey)

Several studies are being conducted at Yeditepe University Department of Genetics and Bioengineering to conserve plant genetic resources.



Greenhouse of the Genetics And Bioengineering Department

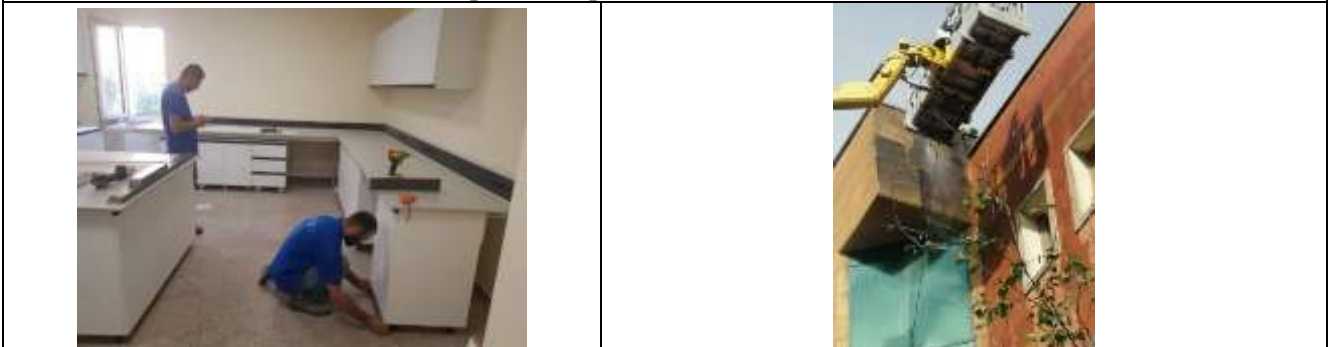
Campus Setting has several features in accordance with universal design principles. The Consultation and Coordination Center for Handicapped Students of our university is to receive an award in every category within the Obstruction-Free University Awards which are organised annually by The Higher Education Council. Our university has received an award of Program Distinction since it is the only university, when compared with other universities, that provide service for 5 different disabilities.



In all campus buildings, operation, repair and maintenance activities were carried out in one year period. There are routine building maintenance and repair activities in all campus buildings. Also, some special projects have been conducted throughout the year. The University's Directorate of Maintenance and Repairs organizes these activities. In addition, every building has its own administrative unit including staff for building operation.



Examples of Repair and Maintenance Works



Examples of Repair and Maintenance Works

Yeditepe University emergency service teams and their responsibilities have been established. Regulations on emergencies, preparation of emergency plans in workplaces, prevention, protection, evacuation, fire fighting, first aid, and other necessary studies are carried out at our university.



Emergency Drill (Yeditepe University, Turkey)

In addition, health infrastructure facilities for students, academics and administrative staff's wellbeing are available at Yeditepe University Campus Setting. Yeditepe University fulfilled the requirements of the Safe Campus Certification program for developing healthy and clean environments in higher education institutions within the scope of the Pandemic and Yeditepe University was awarded a Safe Campus Certificate by the Turkish Standards Institution.



Safe Campus Certificate (Yeditepe University, Turkey)

Healthcare services are given at the campus, ranging from physical examination, laboratory examinations, vaccinations, small-scale surgical operations, dressings, injections, IV's and medical observation. Doctors, nurses and paramedics are available 24/7 at the Medical Center for first aid and emergency assistance to the students and staff at Yeditepe. There are also Yeditepe University Practical Pharmacy and ambulance service for student and staff at the campus. Health Care Institutions such as; Kozyatağı Hospital, Koşuyolu Hospital, Eye Hospital, Dental Hospital, Bagdat Street Clinic, Genetic Diagnostic Centre and Health Centre are available and accessible to public.



Medical Center (Yeditepe University, Turkey)



Medical Center (Yeditepe University, Turkey)



Practical Pharmacy (Yeditepe University, Turkey)



Ambulance service for students and staff (Yeditepe University, Turkey)



Yeditepe University Kozyatağı Hospital (Istanbul, Turkey)



Yeditepe University Koşuyolu Hospital (Istanbul, Turkey)

During the COVID-19 pandemic, triage areas have been established throughout the campus building entrance to identify and separate people likely to be infected.



Triage Area (Yeditepe University, Turkey)



Road Maps of Students



Road Maps of Staff



## Energy and Climate Change

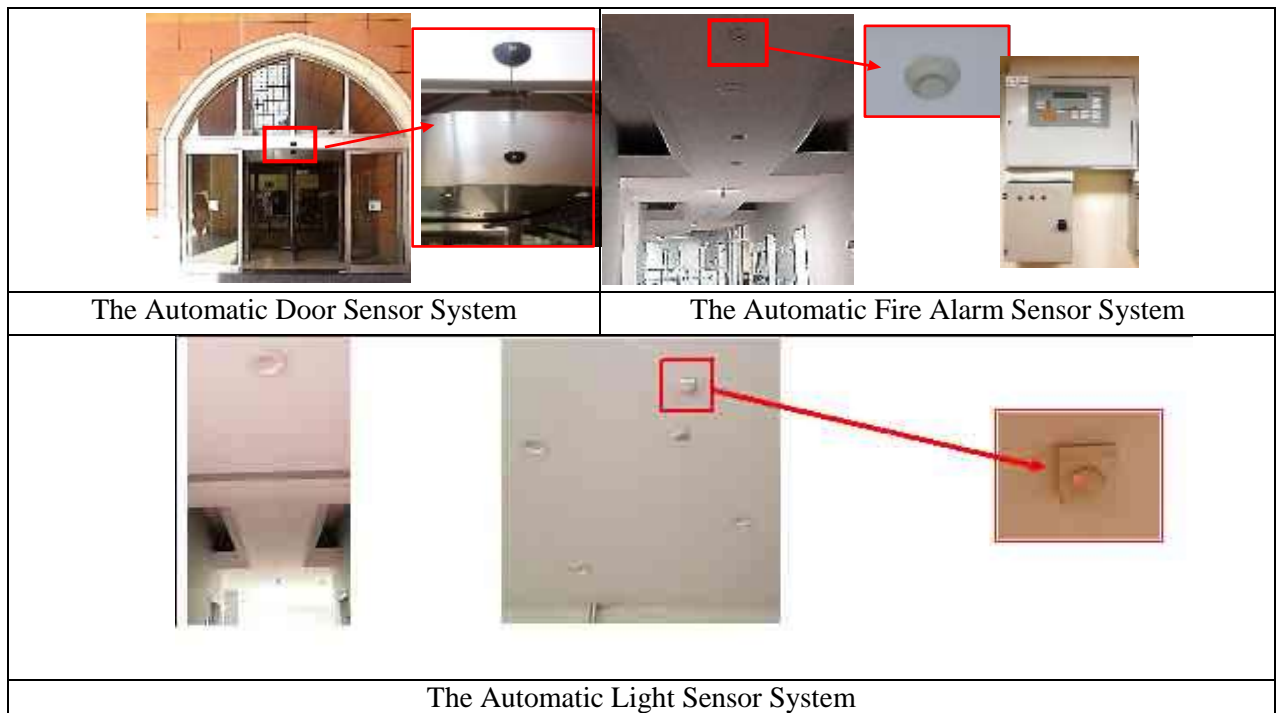
Yeditepe University has identified measures related to the Energy and Climate Change category. In the first phase, a solar energy system started to be used as a renewable energy production on campus. For this purpose, solar panels were installed on campus building terraces. The ratio of renewable energy production to total annual energy use is 13.48%. Also, the solar system for heating hot water is present on the roof of the social facilities building.



In addition, Yeditepe University aims to improve energy savings by various sustainable energy management applications. The energy consumption is monitored and energy efficient appliances and sensor systems are used throughout the campus area. While there are LED illuminations and energy saving lamps throughout the campus, energy efficient devices are used in laboratories.



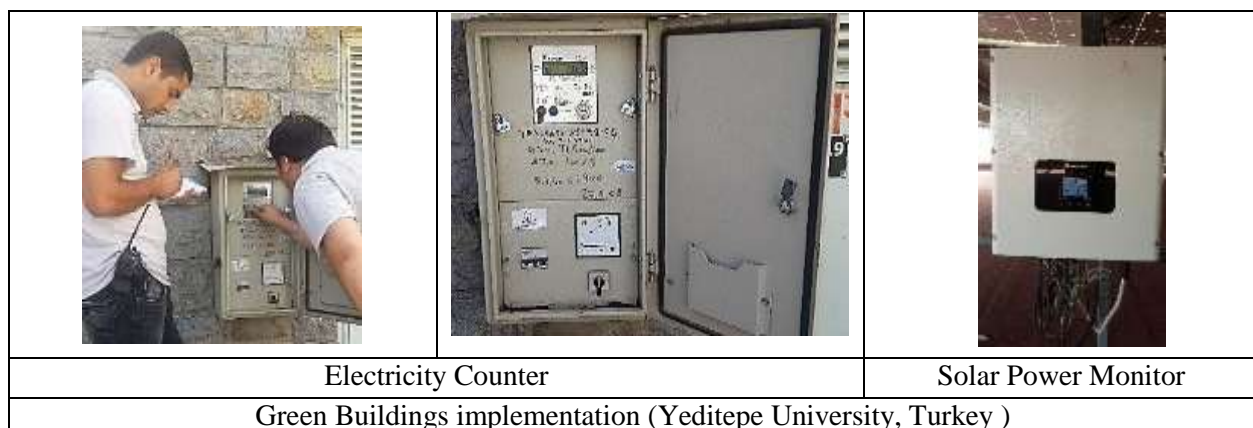
At the same time, all buildings have automated systems such as automatic doors, automatic fire alarm systems and automatic lighting.



Elements of the green building implementations that are present in all the campus buildings are; Natural Ventilation, Full Day Natural Lighting and Building Energy Management System.



There are also monitor and control elements which are checked regularly in buildings.



## Waste Management

At Yeditepe University, a comprehensive recycling and waste reduction program is implemented for “Waste Management” and measures are taken to protect natural resources and use them efficiently.

Yeditepe University has established the “Zero Waste Management System” throughout the campus area and fulfilled the requirements of the “Zero Waste Certification” given by the Municipality of Environment and Urbanization at February 2021.



All recyclable wastes throughout the university are collected separately in order to be recycled. To carry out this process properly, indoor waste separation units in all corridors of classes, offices and halls have been placed so as to collect and separate in their source. Besides, the used papers generated at the offices are recycled with a mechanical technique by an authorized recycling company and GHG emission resulting from the incineration has been avoided indirectly.



Environmental protection campaigns are being conducted to raise environmental awareness among the students and academic and administrative staff. Examples of the campaigns can be given as waste battery collection, fluorescent light collection, plastic cover collection and safely disposal of expired drugs. The university is supported by the municipality with the joint projects carried out for recycling.



Waste Battery Collection Campaign / Fluorescent Light Collection / Plastic Cover Collection / Drug Collection Campaign



Program to Reduce the Use of Paper and Plastic in Campus (Yeditepe University, Turkey)

<p><input type="checkbox"/></p> <p>Çevreye olan sorumluluklarımızı dikkate alarak gerekmedikçe çıktı almayınız. Gerektiğinde siyah-beyaz ve çift taraflı çıktı alın. Please consider the environment before printing. Print black and white and double-sided where possible.</p> <p><b>e-mail signature</b></p>	
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Program to Reduce the Use of Paper and Plastic in Campus (Yeditepe University, Turkey)



Program to Reduce the Use of Paper and Plastic in Campus (Yeditepe University, Turkey)

In addition to these, various applications started to be used within the scope of the ‘Program for Reducing Paper and Plastic Usage’. To this end, new computer systems have been implemented for corporate correspondence (EDYS) and course management (Moodle). In addition, programs such as double-sided printing are implemented within the framework of the policy of reducing the number of prints.



Program to Reduce the Use of Paper and Plastic in Campus (Yeditepe University, Turkey)



Program to Reduce the Use of Paper and Plastic in Campus (Yeditepe University, Turkey)

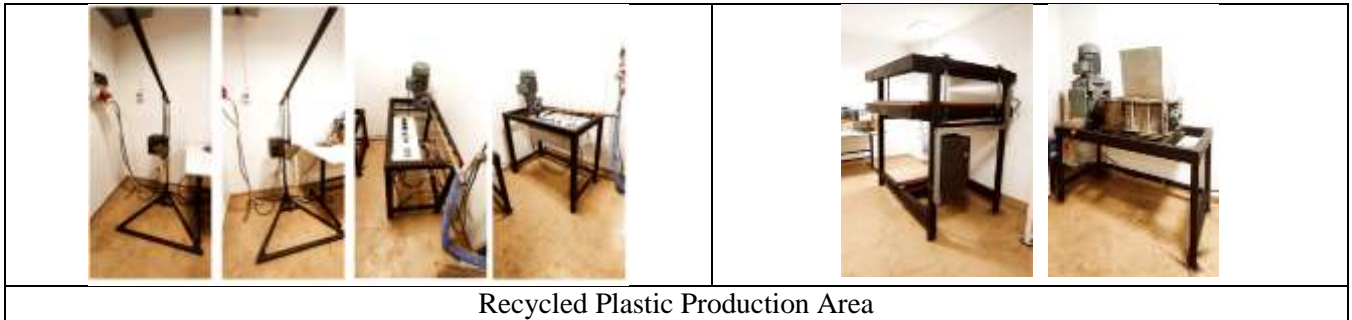
All wastes from Yeditepe University Campus are being treated separately. Non-recyclable inorganic wastes are collected in cooperation with the Ministry of Environment and Urbanization. In order to avoid environmental pollution, odor and leakage from these wastes, an Underground Waste Container System is used. In addition to this, by using Recycling Units, Packaging Units and Indoor Waste Separation Units for recycling are available in common areas of the campus. The wastes are thrown to the Indoor Waste Separation Units that are placed in the corridors of the classes, offices and halls. These wastes are then daily controlled for separation according to their types and are given to the recycle company which is authorized for recycling by the Municipality. Additionally, the outdoor waste bins have been categorized and labeled so as to separate the waste material in their source. New indoor waste bins have also been provided for the separation of indoor wastes in their source as well.

		
<p>Recycling Units</p>	<p>Outdoor Waste Bins</p>	<p>Underground Waste Container System</p>
		
<p>Packaging Units</p>	<p>Indoor Waste Separation Units</p>	
<p>Inorganic Waste Treatment (Yeditepe University, Turkey)</p>		

Yeditepe University Design and Upcycling (YUDU) Laboratory which was established by the Faculty of Architecture, Department of Industrial Design, within the scope of Yeditepe University Research Project is to recycle the plastic wastes on the university campus in line with these goals targeting the year 2030 and within the scope of zero waste and sustainability studies of Yeditepe University. Yeditepe University Design and Upcycling (YUDU) Laboratory consists of a machine park for the recycling of plastics. The aim of the laboratory is to recycle plastics and to design products with recycled plastics and to realise new designs.

		
<p>Plastics waste collection point</p>	<p>Storage area of plastic waste converted into raw materials</p>	<p>Classification of plastic waste</p>

Yeditepe University Design and Upcycling Laboratory carries out various activities related to reducing the consumption of disposable plastics, using alternative materials and recycling under the leadership of academicians. "Plastic-Free Campus" primarily focuses on reducing and recycling single-use plastics aims to carry out studies. Different types of disposable plastics on the university campus and our primary objective is to eliminate in line with the circular economy and sustainable development goals with a holistic approach is to carry out studies to develop effective solutions.



Recycled Plastic Production Area

At our university, organic wastes are collected during the pruning of plants, mowing of the lawns and after processes in the compost plant. The organic waste supplied from the plant materials in the campus landscape is utilized by a recycle machine. The compost produced is fully used in the campus for landscape maintenance. The amount of organic waste recycled increases every year significantly. Also, with this year's new compost applications, organic waste from kitchens is converted into liquid fertilizer and soil for use in indoor plants in the Bokashi compost unit and Vermicompost unit at Yeditepe University Greenhouse.



Organic Waste Collected from the Landscape Maintenance



Recycle Machine

Organic Compost Unit

Organic Waste Treatment (Yeditepe University, Turkey)





The compost produced is fully used on the campus landscape for maintenance (Yeditepe University, Turkey)



Bokashi Composting (Yeditepe University, Turkey)



Vermicomposting (Yeditepe University, Turkey)



Vermicomposting (Yeditepe University, Turkey)

There is a three-compartment grease separator tank in the food production unit at the Campus Social Facilities Building, where all the university's food is prepared. Wastewater composed of oil and water collected from the utility system is taken to the grease separator tank, where the mixture is trapped and allowed for some time to separate. Then the oil separated from this process is stored and sent to a company that produces biodiesel fuel. Also, the cleaned water is transferred to the sewage system.



Grease separator tank (Yeditepe University, Turkey )

The disposal of toxic waste is carried out by keeping an inventory. All toxic wastes from our university are sent to disposal companies with environmental license permit and national waste transportation forms. All records are kept and the entered into the system of the Ministry of Environment and Urbanization at the end of the year.

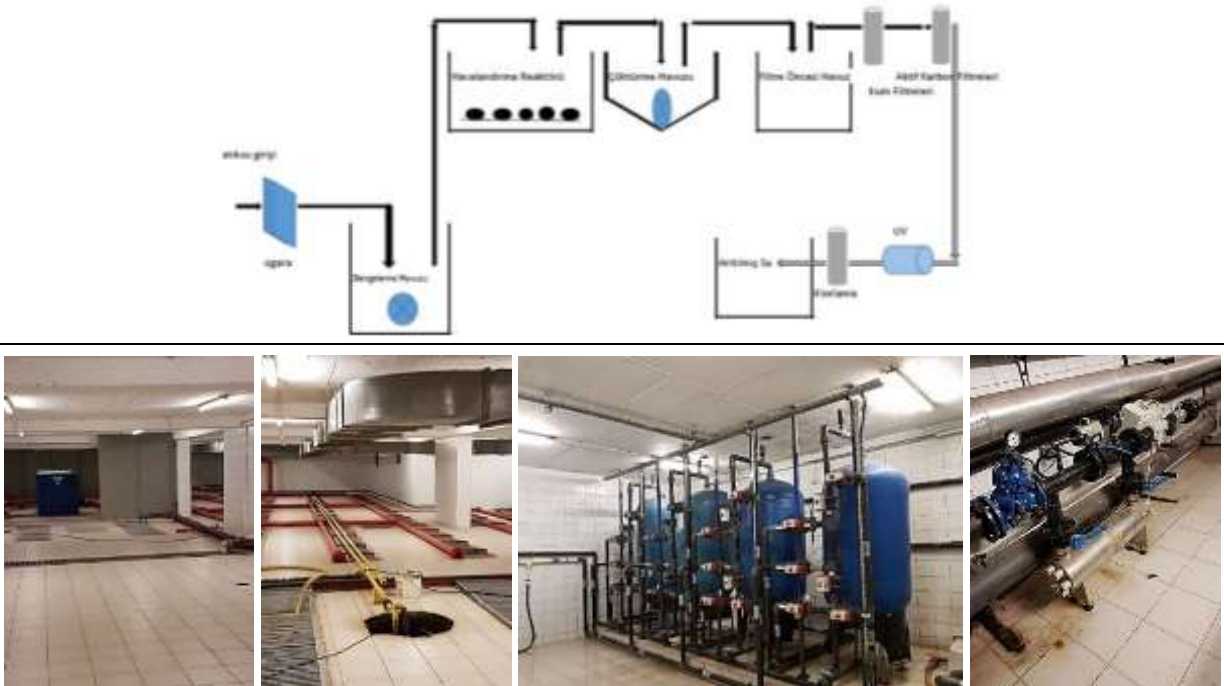


Toxic Waste Handled (Yeditepe University, Turkey)



Toxic Waste Handled (Yeditepe University, Turkey)

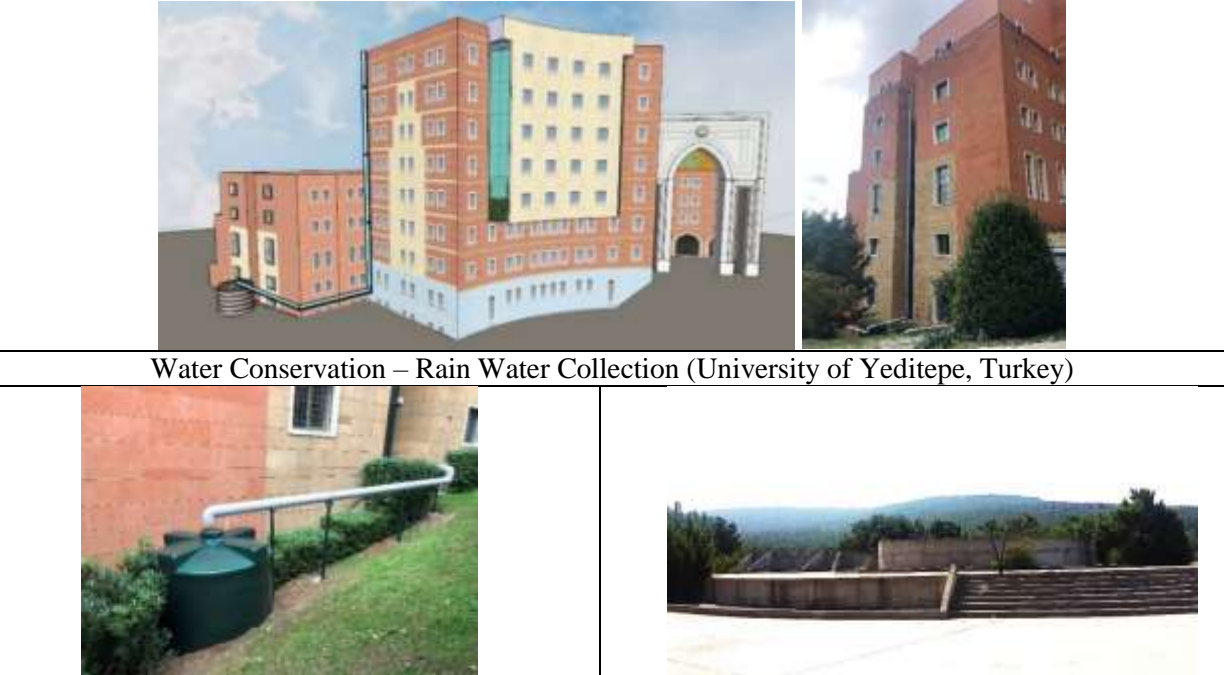
There is a biological treatment plant in the campus for the treatment of waste water. In the plant, approximately 30% of the total amount of water used annually is treated and recycled as water.



Sewerage Disposal (Yeditepe University, Turkey)

### Water Resources

A new water conservation program has been implemented in 2019. Rainwater from the building roofs is being collected in rain water tanks for watering indoor and outdoor planting. Also, a ground water tank construction is still in preparation in the Arboretum area. The capacity of the Ground Water Tank is 6000 m<sup>3</sup>.



Water Conservation – Rain Water Collection (University of Yeditepe, Turkey)

<p>Water Conservation-Rain Water Tank (University of Yeditepe, Turkey)</p>	<p>Ground Water Tank in Arboretum Area ( Yeditepe University , Turkey)</p>
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Following the water treatment process, the recycled water is taken from the storage tank by an electrical system which uses booster pumps. Then the recycled water is sent to a piping system which distributes the recycled water to the garden irrigation system and the campus toilet system.

Campus Toilet System	Garden Sprinkler Systems	Drip Irrigation Systems
Recycled Water Used (Yeditepe University, Turkey)		

The Use of Water Efficient Appliances in the campus buildings; flow rate decreasing appliances for water taps are used in all the campus WCs. In addition, all the WCs are provided with low flush toilet equipment.





Example of Water Efficient Appliances Usage (University of Yeditepe, Turkey)

Environmental and OHS Policies: Yeditepe University adopted Environmental and Occupational Health and Safety Policies to achieve a healthy and safe working environment, as well as taking responsibility for preserving the environment with sustainability strategies in accordance with sustainable development goals.

<p><b>Environmental and OHS Policies</b></p> <p>As Yeditepe University, while we conduct our activities, we aim at providing a healthy and safe working environment for all our stakeholders, reducing possible occupational risks, ensuring occupational health and safety activities, limiting the impact of our activities on the environment or our results, as well as taking responsibility about preserving the environment with our sustainability strategies that are defined in accordance with our sustainable development goals, to provide a livable world for the future generations, as our main aim and principle.</p> <p><b>In this regard, it is our Environmental and OHS Policy to:</b></p> <ul style="list-style-type: none"> <li>Maintain the legal and other obligations on environment and occupational health and safety, as well as providing the necessary resources to meet our sustainability obligations by using the newest standards as well as sustainable technologies.</li> <li>Create a culture of environment and occupational health and safety, adapting it as a principle and keeping our employees well-informed in this regard.</li> <li>Seek out regarding activities about environment and occupational health and safety with a proactive perspective and enhance our system to improve our performance by improving our procedures and use of sustainable resources.</li> <li>Have awareness about environment and occupational health and safety and all relevant matters in our organizations.</li> <li>Evaluate the risks about occupational health and safety, conduct systematic activities for identifying the dangers and reducing the risks to tolerable levels.</li> <li>Include our employees and employee representatives in occupational health and safety procedures and take their input into considerations.</li> <li>Contribute the reduction of waste as well as recycling with an approach of zero waste and prevention of negative effects on the environment at their point of origin.</li> <li>Prefer products with the lowest impact on environment and an environmentally friendly by having the lifecycle analysis on our items, pay attention to climate change and conduct activities to prevent the biodiversity and ecosystems.</li> </ul>	 <p>YEDITEPE UNIVERSITY   OCCUPATIONAL HEALTH AND SAFETY</p>
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Example of Water Efficient Appliances Usage (University of Yeditepe, Turkey)

Waste Control / Wastewater Treatment: Liquid chemical waste collection bins (blue barrels) are available in our laboratories, and no chemicals are poured into the sink. Wastewater is treated with activated sludge method in the biological wastewater treatment plant. The treated water is used for siphon water and lawn irrigation after chlorination. The analysis of the treated water is done by an authorized laboratory once every 3 months. In addition, control is provided by taking measurements at the university with the spectrophotometer method at monthly periods.

	
<p>Waste Control - Liquid Chemical Waste Collection Bins (Blue Barrels) (Yeditepe University, Turkey)</p>	<p>Wastewater Treatment Plant Pools (Yeditepe University, Turkey)</p>



Wastewater Treatment Plant (Activated Carbon Filtration Units) (Yeditepe University, Turkey)

### Transportation

At Yeditepe University ‘Sustainable Transportation Practices’ are applied. In order to reduce the use of vehicles in the campus, vehicle entries are restricted. The Shuttle Services are available for journeys within the campus and the ride is free.



Shuttle Bus Station



Shuttle Bus



Shuttle Bus Station



Shuttle Bus Route

Zero emission vehicles are available within the campus area. An electrical car provides shuttle services from campus building area to the parking lot at the arboretum area carrying 4 passengers for each trip at regular intervals daily. For the same route, another alternative transportation is planned. Bicycle racks are located to specific locations and free bicycles are provided for use. A zero emission electric car is present in the campus area which is designed by Yeditepe University Automotive Club and exhibited in different scientific occasions.



Zero Emission Vehicle



Zero Emission Vehicle



Free Bicycle



Electric Car

In addition, various pedestrian path alternatives were created in the campus circulation system to encourage walking.



Pedestrian Paths Along the Vehicle Route



Intense Pedestrian Activity Through the Campus (Yeditepe University, Turkey)



Pedestrian Paths Throughout the Campus Green Area  
Pedestrian Paths (Yeditepe University, Turkey)

Access to campus parking areas is restricted to vehicles that do not have sensor access stickers used by staff and dormitory students. Garage door sensors used at the campus parking area entrances decreased the parking area needs by more than %30.



Sensor Sticker on the Personnel Car



The Garage Barrier Sensor





Personnel Bus Services



Sensor Barrier at Campus Vehicular Circulation

## Education

At our university, courses, research, academic publications and academic activities related to ‘Environment and Sustainability’ are encouraged. In this regard, the Graduate School of Natural Applied Sciences established the “Sustainable Built Environment” and “Urban Design and Landscape Architecture”, “Sustainable Energy”, “Design and Innovation for Sustainable Food Systems” graduate programs. On the other hand, School of Applied Sciences established “Agricultural Trade and Management” undergraduate program. Furthermore, we plan to integrate these programs and related courses throughout the university. Every year total number of courses offered at Yeditepe University increases. A new course named “Sustainable Development” is offered for all the students of the university which focuses on the sustainable development goals of the United Nations.

We aim to encourage, direct and support activities related to “Environment and Sustainability” by both academic and administrative staff as well as by student organizations. In relation to this, “Sustainability Study Group” which is composed of specialized academic and administrative staff, has been started their studies to coordinate the sustainability efforts of the whole university. Also, several student organizations have been established in order to increase the participation of students in sustainability activities.

There are several educational programs. YU-LEARNT, Directorate of Teaching and Learning Unit, E-Resource Collection, Cep Kütüphanem (Pocket Library) Application, COADSYS Online Education System, Google Meet / Google Classroom. YU-LEARNT was founded in March 2021, to provide new and innovative teaching and learning techniques to our academic staff, students, and alumni; new tools for research fields and support services in career development; organize certificate programs and workshops.

	
<p>Webinar for YU-LEARNT (Yeditepe University, Turkey)</p>	<p>Webinar for YU-LEARNT (Yeditepe University, Turkey)</p>

### E-Resource Collection

How do I know which resources to use for my research?

For more information about E-resources  
Contact: [library@yeditepe.edu.tr](mailto:library@yeditepe.edu.tr)  
0090 312 6101 1771

### Knowledge Center Service Areas

- Reading Rooms
- Study Rooms
- Printing/Scan
- Reference Desk
- Tutor Study Room
- IT Help
- Travel Book Desk
- Registration, ID and Student ID
- Project Study Rooms
- 1st Floor and 2nd Floor Study Area

### Knowledge Center Collection

- 130 000 books
- 676 000 E-books
- 25 Periodicals
- 45,000 E-journals
- 6,000 Videos
- 6,000 Audio Records
- 40 Databases

### Published Research Collection

The first things to read on this subject are published research collections to identify your field's current knowledge and the Knowledge Center website. Follow the instructions to explore our published research and your library account.

- Step 1: Log in to the library website
- Step 2: Click on Search
- Step 3: Enter the search term in the search box
- Step 4: Click on the search button
- Step 5: Click on the search results

E-Resource Collection

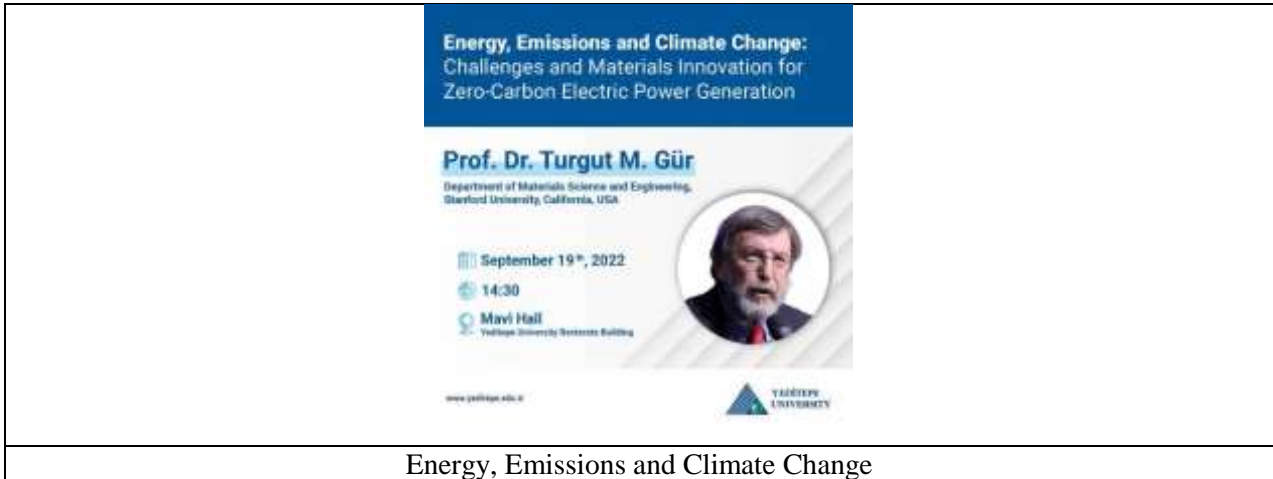
Cep Kütüphanem (Pocket Library) Application

COADSYS Online Education System (Yeditepe University, Turkey)

Google Meet / Classroom (Yeditepe University, Turkey)

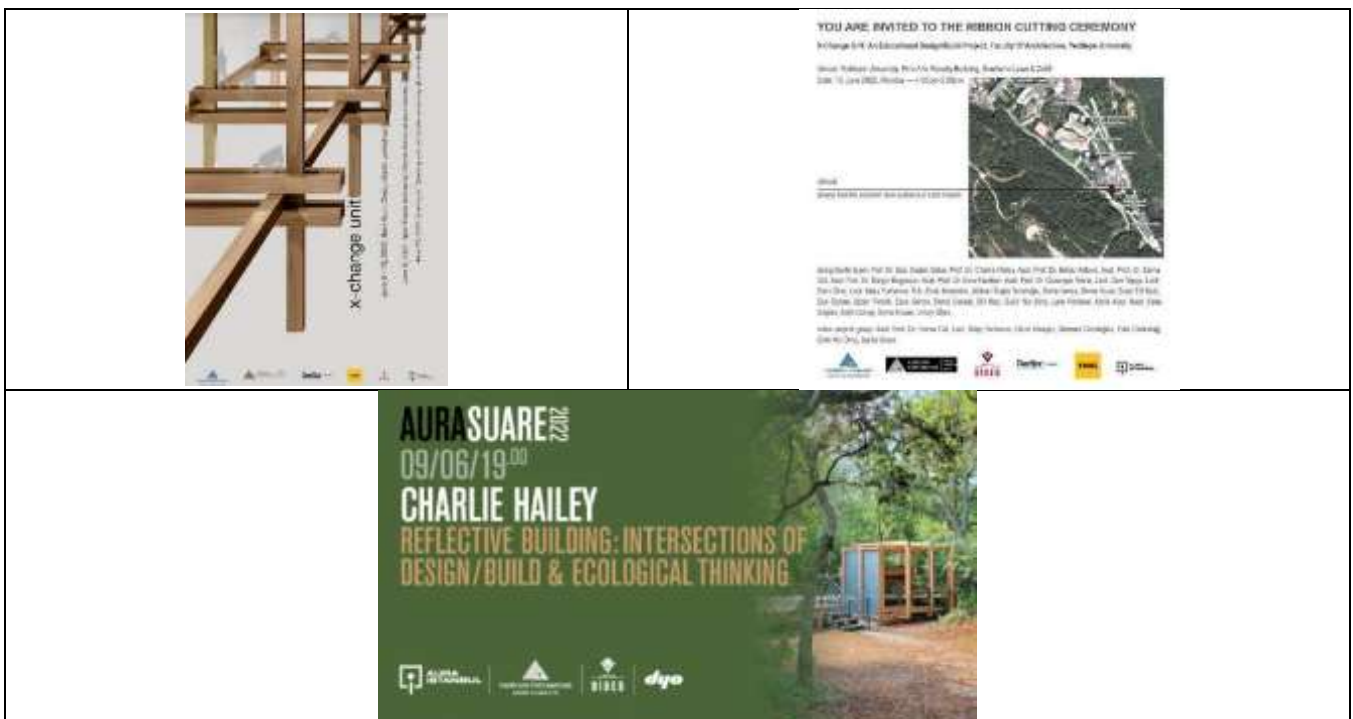
Various activities have been organized throughout the university to raise awareness about “Sustainability and the Environment”:

A seminar on Energy, Emissions and Climate Change: Challenges and Materials Innovation for Zero-Carbon Electric Power Generation was held by Prof. Dr. Turgut M. Gür at Yeditepe University on September 19, 2022.



Energy, Emissions and Climate Change

A design and apply workshop within the theme of "X-Change Unit" is going to be held within the Department of Architecture of Yeditepe University between the dates of 08 - 13 June 2022. Within the framework of this workshop, a semi-open construct is designed, constructed and placed within the campus' landscape. The workshop is conducted by Prof. Dr. Charlie Hailey, hailing from the Architectural School of Florida University, who is one of the specialists within the field of Design and Apply and by a team consisting of lecturers and students from the Department of Architecture of Yeditepe University. The filming and documenting of this workshop process is made by the lecturers and students of the Department of Architecture.



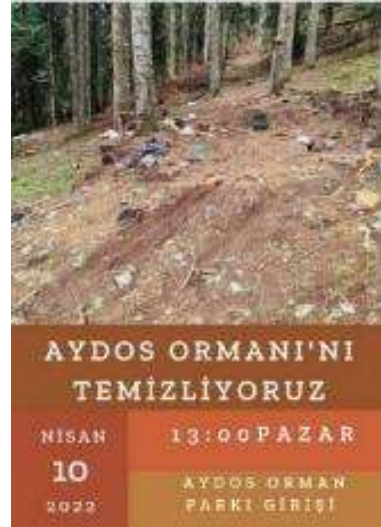
Validebağ Forest Visit: On Tuesday, May 10, 2022, Validebağ Forest is visited as part of the Urbanization and Environmental Problem curriculum. Information about the Forest from the Validebağ Volunteers and the Validebağ Defense is listened about their struggle for protection since 1998. Koşuyolu city garden is also visited.

Aydos Forest-Waste Collection: Environmental volunteers of PA 108 Social Responsibility Projects course held a waste collection event in Aydos Forest (1st Degree Natural Protected Area) on Sunday, April 10, 2022.

Kuzguncuk Food Cooperative&Garden Visit: As part of the PA108 Social Responsibility Projects course, a visit to observe social fabric of the district is organized to Kuzguncuk. During the event, Kuzguncuk Pier, Kuzguncuk Food Cooperative and Kuzguncuk Garden are visited on Wednesday, May 18,2022.



Validebağ Forest Visit



Aydos Forest-Waste Collection



Instagram@yeditepecevregonullu

Kuzguncuk Food Cooperative & Garden Visit



Green Book Club 1: The first meeting of the Green Book Club took place Within the scope of the 58th Library Week activities on March 30, 2022. At this meeting, the book "The Future We Choose: Surviving the Climate Crisis by Cristiana Figueres former UN Executive Secretary for Climate Change, Christiana Figueres, and Tom Rivett-Carnac (a senior political strategist for the Paris Agreement) is read and discussed.

Green Book Club 2: The second meeting of the Green Book Club is held on April 27, 2022, between 13.00 and 14.00 at Serender. At this meeting, the book "Zero Waste: Consumption Culture and Food Waste" by David Evans is read and discussed.

Green Book Club 3: The third meeting of the Green Book Club is held on May 25, 2022, 2022 between 13.00 and 14.00 at Serender. At this meeting, the book "In Praise of the Bicycle" by Marc Augé is read and discussed.

**We are Launching the "Green Book Club" in Celebration of the 58<sup>th</sup> Library Week**

We are reading and discussing the book **The Future We Choose**, written by **Cristiana Figueres**, **Oban** and **Tom Rivett-Carnac**, who organized the Paris Climate Conference in order to draw attention to the most important crisis in human history and to find a solution.

**Book:** The Future We Choose: Surviving the Climate Crisis  
**Authors:** Cristiana Figueres, Oban & Tom Rivett-Carnac  
**Publisher:** Virajna  
**Year:** 2021

**30 March 2022 Wednesday | 12.30 - 13.00**  
**Venue:** Serender

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

**YEDİTEPE UNIVERSITY**

Green Book Club 1

<p><b>yeşil okumalar ikinci buluşma</b></p> <p>David Evans tarafından yazılan "<b>Sıfır Atık Tüketim Kültürü ve Gıda İsrafı</b>" kitabını okuyor ve tartışıyoruz.</p> <p><b>Sıfır Atık Tüketim Kültürü ve Gıda İsrafı</b>  <b>Yazarı:</b> David Evans  <b>Çevirmen:</b> Burcu Yeşil  <b>Yayıncı:</b> Yeri İnsan  <b>Yıl:</b> 2020</p> <p><b>27 Nisan 2022 Çarşamba   13.00 - 14.00</b>  <b>Yer:</b> Serender</p>	<p><b>yeşil okumalar üçüncü buluşma</b></p> <p>Mark Augé tarafından yazılan "<b>Bisiklet Müjizesi</b>" kitabını okuyor ve tartışıyoruz.</p> <p><b>Bisiklet Müjizesi</b>  <b>Yazarı:</b> Marc Augé  <b>Çevirmen:</b> İnci Usta  <b>Yayıncı:</b> Hil Yayıncılık  <b>Yıl:</b> 2021</p> <p><b>25 Mayıs 2022 Çarşamba   13.00 - 14.00</b>  <b>Yer:</b> Serender</p>
<p>Green Book Club 2</p>	<p>Green Book Club 3</p>

Yeditepe University Gastronomy and Culinary Arts students held a “Composting workshop” for 3rd-grade students of İSTEK Uluğbey Schools. Within the scope of the workshop, students were informed about climate change, recycling, organic agriculture, and permaculture by raising awareness of sustainability.



Yeditepe University Department of Gastronomy and Culinary Arts students planted plants in the garden within the scope of the CULA 102 Agricultural Production course and harvested them in September.





Compost workshops were organized to raise environmental awareness among students where different compost techniques (Bokashi-vermicompost) were applied to reduce waste.

Yeditepe University started a waste oil collection campaign. In this context, waste oils are collected and sent to a company that produces biodiesel fuel.



Compost Workshops



Waste Oil Collection Campaign

The orchard activities in the area were examined with the students of the department. The effects of production processes, planting pads, seed types and production on social interaction were observed. Kadıköy Municipality official introduced the area to our students and answered their questions.



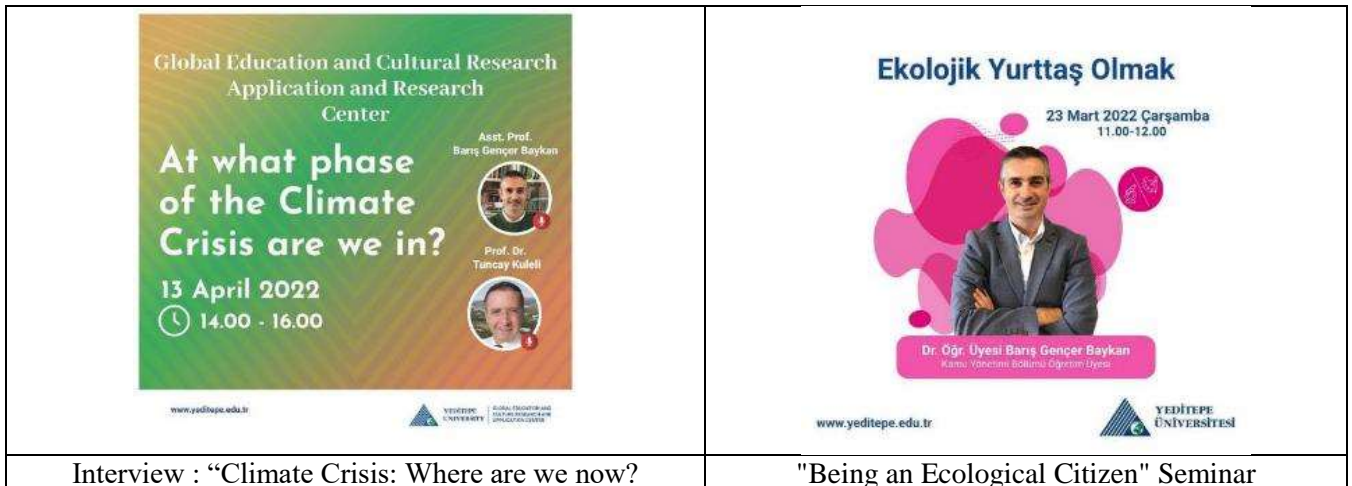
"Göztepe Urban Farm" Technical Visit

In the Arboretum area of the Yeditepe University, annually a “Student Tree Planting Activity” is put into practice during the academic year to encourage the students to take part in nature conservation by the Yeditepe University Directorate of Landscape.



During the interview “Climate Crisis: Where are we now?” on the **13th of April, 2022**, a talk about the effects of climate change on biotopes and society with the participation of **Prof. Dr. Tuncay Kuleli** and **Assistant Prof. Barış Gençer Baykan**. Prof. Kuleli from Muğla Sıtkı Koçman University is held. Studies regarding the effect of climate change on our shores and the relationship between climate change and youth is discussed.

Within the scope of prePlus Academy Science and Art seminars, a seminar entitled “Being an Ecological Citizen” is organized by Assistant Prof. Barış Gençer Baykan on 23 March 2022 between 11.00-12.00 pm.



“Workshop for Sustainable design “ Upcycling Projects with waste of DHL company”” 2020-2021 Fall Semester Yeditepe University, Department of Industrial Design & Industry Cooperation. Akademi çevre & DHL Yeditepe University & DHL co-operation. Within the scope of Yeditepe University's Sustainability studies "Design for Upcycling" workshop in collaboration with the Department of Industrial Design and DHL Turkey started on 17 March 2022. Within the scope of Sustainable Design course DHL's recyclable waste was transformed into new designs. During the technical visit to Akademi Çevre Waste Management Company, students learnt about DHL's recycling activities.Upcycled product designs were produced by selecting the wastes sent for recycling by DHL.



Workshop for Sustainable Design “ Upcycling Projects With Waste of DHL Company”

As part of the Graphic Design Graduate Course GRA 519: Design and Social Responsibility, a Plastic Collection Area was developed in the GSF Building on campus. In this context, concept designs, posters, stickers, and symbol designs were made. These designs were implemented in the Industrial Design Plastic Collection Area.



Industrial Design Plastic Collection Area

In the Arboretum area of Yeditepe University, the 4th traditional "Sapling Planting Event" was held to encourage students to protect nature.



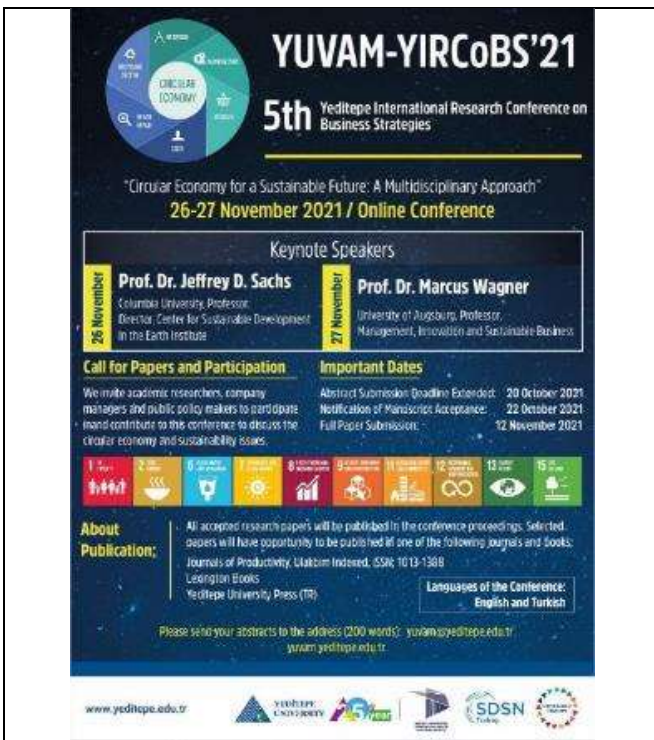
Climate justice activist Melisa Akkuş was hosted in the webinar titled "Climate Justice Between Generations" on Monday, December 6, 2021. In the webinar organized by Faculty Member Barış Gençer Baykan, the climate crisis and the climate struggle of the youth were discussed.



"Climate Justice Between Generations" Webinar

Organized online for the 5th time of Yeditepe University on 26-27 November 2021; "Yeditepe International Business Strategies Research Conference: Circular Economy for a Sustainable Future: A Multidisciplinary Approach (YIRCoBS'21)" conference.

The Climate Crisis and Law Panel organized by the Faculty of Law was held online on 10 December 2021.



(YIRCoBS'21)" Conference



The Climate Crisis and Law Panel

Webinar of the Directorate of Teaching and Learning Unit. YU-LEARNT was founded in March 2021, to provide new and innovative teaching and learning techniques to our academic staff, students, and alumni; new tools for research fields and support services in career development; organize certificate programs and workshops.

A webinar titled "Forest Fires, Subsequent Disaster Risks, and Ecological Effects" was organized by the Department of Civil Engineering of the Faculty of Engineering on October 8, 2021, through the corporate zoom account of our university.

	
<p>Webinar of the Directorate of Teaching and Learning Unit</p>	<p>Forest Fires, Subsequent Disaster Risks, and Ecological Effects Webinar</p>

Our university participated in the Yeditepe University Erasmus Days in order to raise awareness about the Sustainable Development Goals.

Member of our university's Sustainability Study Group, Asst. Prof. Dr. Barış Gençer Baykan and YUSLP team cleaned the garbage in Maltepe with Lets Do It Turkey within the scope of World Cleanup Day.


<p>YUSLP Team Cleaned The Garbage in Maltepe With Lets Do It Turkey Within The Scope of World Cleanup Day</p>



YUSLP Team Cleaned The Garbage in Maltepe With Lets Do It Turkey Within The Scope of World Cleanup Day

Protecting the health of employees at Yeditepe University and its affiliated institutions has always been among the first priorities and continues to be. Especially during the pandemic period we are in, the protection of the health of our healthcare professionals is of particular importance. In order to draw attention to this issue, an awareness raising meeting was organized by Yeditepe University, Yeditepe University Hospitals and Sustainability Study Group.

Vocational School, within the scope of Yeditepe University 25th Year Seminars;

'How Much Can Nuclear and Solar Energy Contribute to Electricity Generation in Turkey in 2030?' 'The Factory of the Future', 'From Manufacturing Industry to Original Products... How?' seminars were organized.



Awareness Meeting

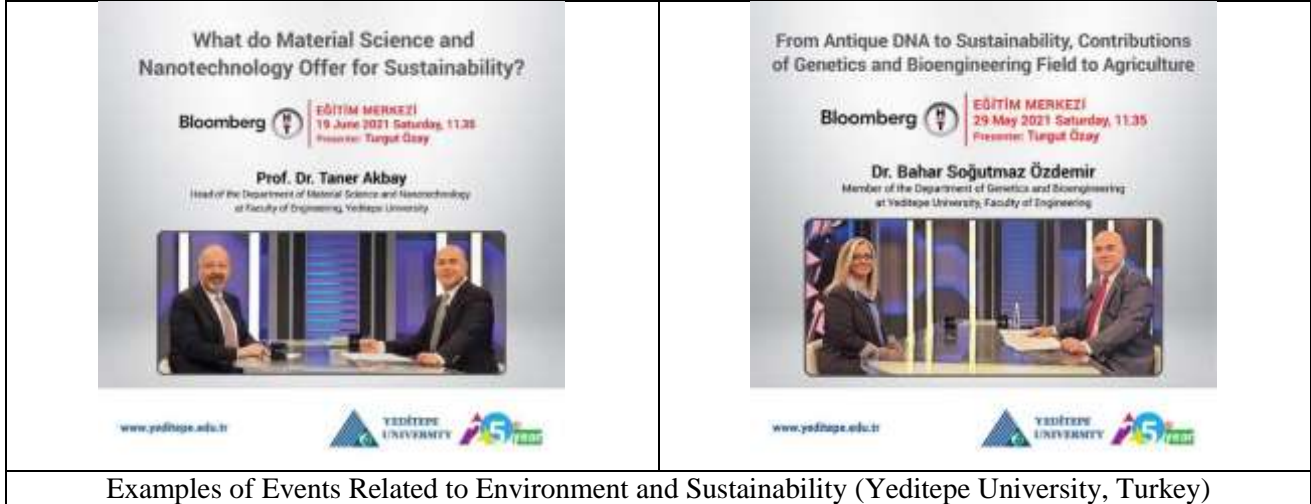


Vocational School Seminars

Yeditepe University has displayed its projects that light the future, R&D efforts, and university-industry collaborations on the 25th anniversary of its foundation. Attending the Education Center Program of Bloomberg HT, Yeditepe University has declared its vision for the future with its academics, students, and alumni. Head of the Department of Material Science and Nanotechnology at Faculty of Engineering of Yeditepe University, Prof. Dr. Taner Akbay has been hosted by Turgut Özay on 19 June, Saturday, at 11.35. Prof. Dr. Taner Akbay has provided information about the recent developments in material science and nanotechnology fields and has talked about their efforts in this field for sustainability.



Member of the Department of Genetics and Bioengineering at Yeditepe University's Faculty of Engineering, Dr. Bahar Soğutalmaz Özdemir has been hosted by Turgut Özay on 29 May Saturday, at 11.35, on the Education Center Program. Özdemir has provided information regarding the R&D efforts that are conducted in the department, such as "Agricultural Improvement", "Agricultural Digitalization" and "Antique DNA", for contributing to the field of agriculture and sustainability in agriculture.



Examples of Events Related to Environment and Sustainability (Yeditepe University, Turkey)

A webinar organized by the collaboration of the Department of Economics and Sustainability Study Group, titled "Planning and Service Delivery Through Asset Management, Equity, and Affordability Considerations at the Portland Water Bureau", we were hosted Mert Müftügil, Engineer at Asset Management Branch and Erich Pacheco, Equity and Policy Manager.

A webinar organized by the collaboration of the Department of Economics and Sustainability Study Group, titled "UNDP's Role and Applications in Sustainable Development" we were hosted by Aslı Çakın Dağlı, Project Manager at Inclusive Sustainable Growth Portfolio of UNDP Turkey.

A webinar organized by the collaboration of Department of Economics Sustainability Study Group, titled "Sustainable Development and Climate Change", we were hosted Dr. Nurşen Numanoğlu, Deputy General Secretary to TÜSİAD.

In the event organized by the Faculty of Fine Arts, Department of Gastronomy and Culinary Arts, and held on Wednesday, May 19, 2021, at 18.00, Dr. Marion NESTLE was with us.

	
<p>“Planning and Service Delivery Through Asset Management, Equity, and Affordability Considerations at the Portland Water Bureau” Webinar</p>	<p>“UNDP’s Role and Applications in Sustainable Development” Webinar</p>
	
<p>“Sustainable Development and Climate Change” Webinar</p>	<p>Department of Gastronomy and Culinary Arts - Food Systems in the Coronavirus Era: An Agenda for Advocacy Event</p>

In the second event that is organized by the collaboration of the Department of Economics and Sustainability Study Group, titled “Sustainable Development Goals For Business”, we were hosted Gaye UĞUR SARIOĞLU, Deputy Executive Director to Global Compact TR and Sustainability and Investment Environment Director to TÜSİAD.

We talked about what we have done and what we plan to do in the field of sustainability at the "Projects Realized at Yeditepe University as part of Sustainability Studies and Industry Collaborations" organized by the Sustainability Study Group.

	
<p>“Sustainable Development Goals For Business” Event</p>	<p>"Projects Realized at Yeditepe University as part of Sustainability Studies and Industry Collaborations" Webinar</p>

Member and the Deputy Head of the Department of Public Administration at Yeditepe University, Faculty of Economics and Administrative Sciences, Dr. Barış Gençer Baykan, and Member and the Deputy Head of the Department of Urban Design and Landscape Architecture at Yeditepe University, Faculty of Architecture, Dr. Bengi Korgavuş will be hosted by Turgut Özay on 17 April 2021 Saturday, at 11.35, on Educational Center program, answered Turgut Özay’s questions. Baykan and Korgavuş talked about what can be done individually and socially for a sustainable world.

Within the scope of Yeditepe University Clubhouse Streams, “What Are We Doing for Sustainable Yeditepe?” has been organized.

<p>Examples of Events Related to Environment and Sustainability (Yeditepe University, Turkey)</p>	<p>Yeditepe University Clubhouse Streams, “What Are We Doing for Sustainable Yeditepe?”</p>

Umut-Elazığ Project aims to develop sustainable and alternative architectural design solutions for the city of Elazığ, which was struck by an unfortunate earthquake disaster in January 2020. Considering the COVID-19 pandemic, which had an impact around the World, the focal point of the design process is designing to cope with extraordinary situations such as natural disasters and pandemics for Elazığ. The design studio is part of a social responsibility project, and participants are expected to synthesize topics of environmental awareness, sustainability, ecological living, and visionary approaches into their designs.

Project Presentation of Umut-Elazığ Project was conducted by Yeditepe University’s Faculty of Architecture and Emre Arolat Architecture, in collaboration with the Municipality of Elazığ and Elazığ Chamber of Trade and Industry.



Umut-Elaziğ Project

PTT World Environment Day - Sustainability and Upcycling Stamp Design, Department of Graphic Design. Within the scope of our collaboration with PTT for our project course, the design of Ayşe Ezgi Kafkas has been selected and published among the designs created by our students. Today, as upcycling becomes more of a priority within the context of “sustainability”, our students aimed to raise awareness regarding the topic with their designs.

PTT World Environment Day - Sustainability and Upcycling Stamp Design Award