



BAYBURT UNIVERSITY SUSTAINABILITY REPORT 2020



Introduction

Bayburt University attaches importance to the "Sustainable Environment" approach, education, research and development, social responsibility, environmental awareness and sustainability, and carries out its activities with the goal of becoming a "Green Campus".

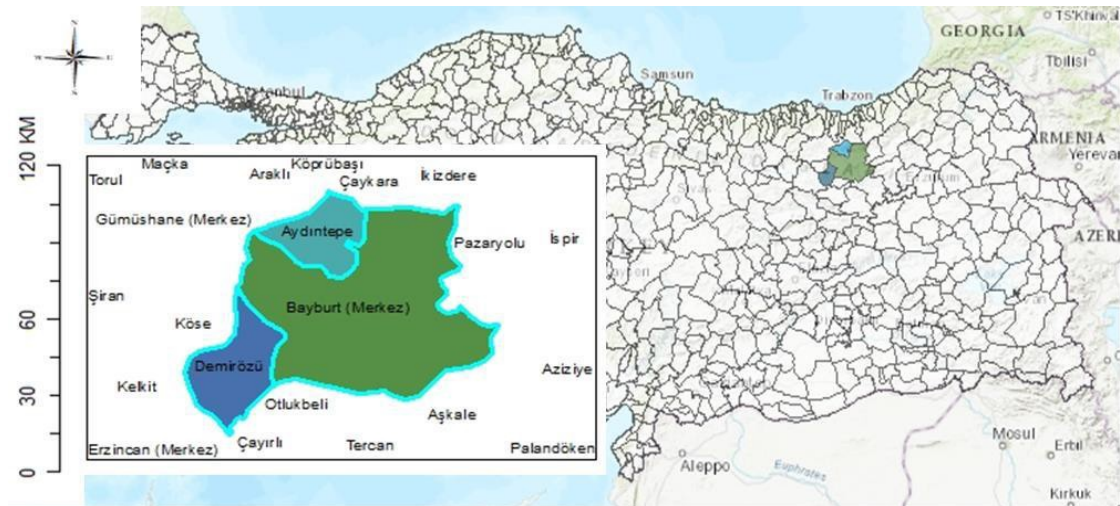
With the "Zero Waste Project" in sustainability and environmental issues, especially waste and recycling; Important steps have been taken in the fields of water use, energy saving, education and research. In this context, Bayburt University provides both infrastructure and energy efficiency with the thermal insulation it performs with environmentally friendly insulation materials in its campuses in terms of building and infrastructure. The "Green Campus" policy has been made sustainable with its efforts to protect and increase green areas and increase water absorption areas.

With the help of the highly efficient Domestic Wastewater Treatment Plant located in the Baberti Campus, the water discharges treated with the help of the Domestic Wastewater Treatment Plant are given to wetlands, contributing to the water cycle. It develops water saving program and water recycling programs in order to use water resources efficiently and prevent waste.

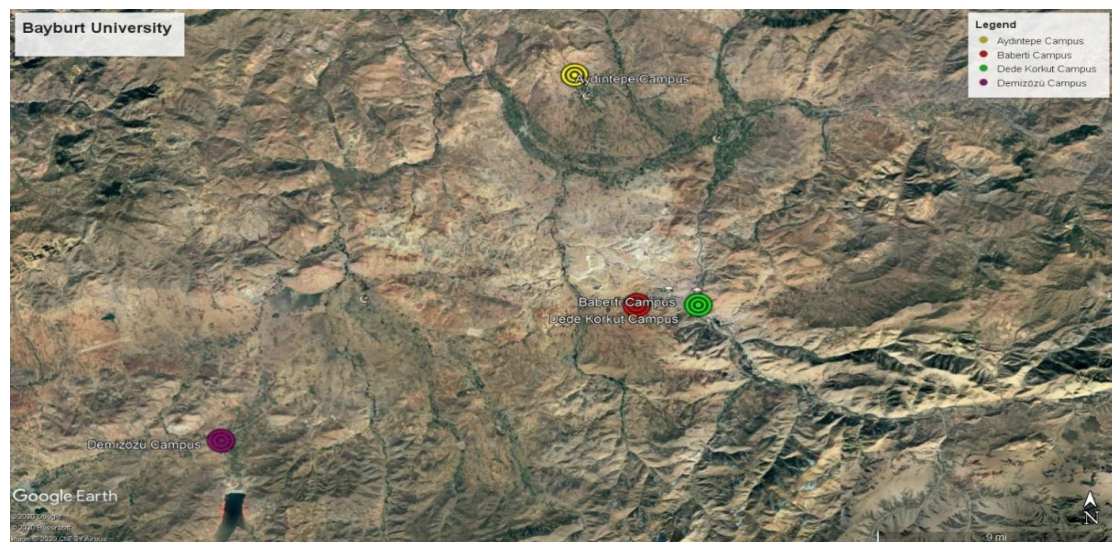
It carries out ring applications for less carbon footprint in transportation, courses and practices on sustainability, energy and waste are carried out in associate, bachelor, master and doctorate programs in the field of education.

Campus Setting and Infrastructure

Bayburt University has 4 campuses and sustainability criteria are applied in the structural elements and green areas in its campuses. Design, maintenance and application works for green areas are carried out. Our buildings have green building features such as natural ventilation, full day natural lighting and energy management system. Our work continues rapidly to cover a large area of green areas in the campus. Sustainability criteria are used in the design, maintenance and implementation of green areas.



Location of Bayburt University



Location of Bayburt University Campuses



Baberti Campus



Dede Korkut Campus



Aydıntepe Campus



Demirözü Campus

Energy and Climate Change

In the Bâbertî Complex, the vision of "Campuses Full of Life" has been adopted, and academic and administrative staff have participated in the project by purchasing their own sapling within the scope of the "I Have a Planted Tree," project in memory of the Martyrs of July 15th. The voluntary participation of all staff and students in afforestation projects shows that the spirit of environmentalism has spread to social complex life.



"I Have A Planted Tree In Me" Project

Bayburt University continues to take the necessary measures by determining measures regarding the category of Energy and Climate Change. In the first stage, the solar energy system was used as renewable energy generation in the campus. For this purpose, the solar power plant installation has been completed in the Baberti Campus and has been actively working in the last two years. The annual electricity consumption of our university is approximately 1733432 kWh, and approximately 939762 kWh of electricity

is produced annually in the GES system. With renewable energy production, it meets approximately half of the electricity needs of all campuses of our university. In addition, when the electricity consumption decreases, the electricity produced is transferred to the city network and our university provides additional income.



Baberti Campus Solar Power Plant

In addition, Bayburt University aims to increase energy savings through various sustainable energy management practices. Energy consumption is monitored and energy efficient devices and sensor systems are used in our campuses. In addition, LED lighting, energy-saving lamps and energy-saving devices are used in laboratories. At the same time, all buildings have automatic systems such as automatic doors, automatic fire alarm systems and automatic lighting.



Sensor doors

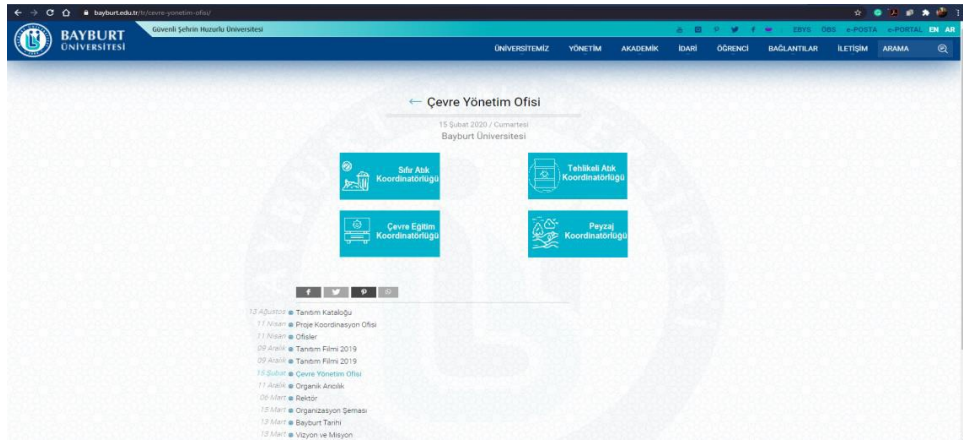
Elements of green building practices in all campus buildings; there are also natural ventilation, full day natural lighting and monitoring and control elements that are regularly checked in the buildings.



Natural Lighting

Waste Management

At Bayburt University, a comprehensive recycling and waste reduction program is implemented for "Waste Management" and measures are taken to protect and use natural resources efficiently. For this purpose, an "Environmental Management Office" has been established within our university, and our office consists of Zero Waste, Hazardous Waste, Landscape and Environmental Education Coordinators.



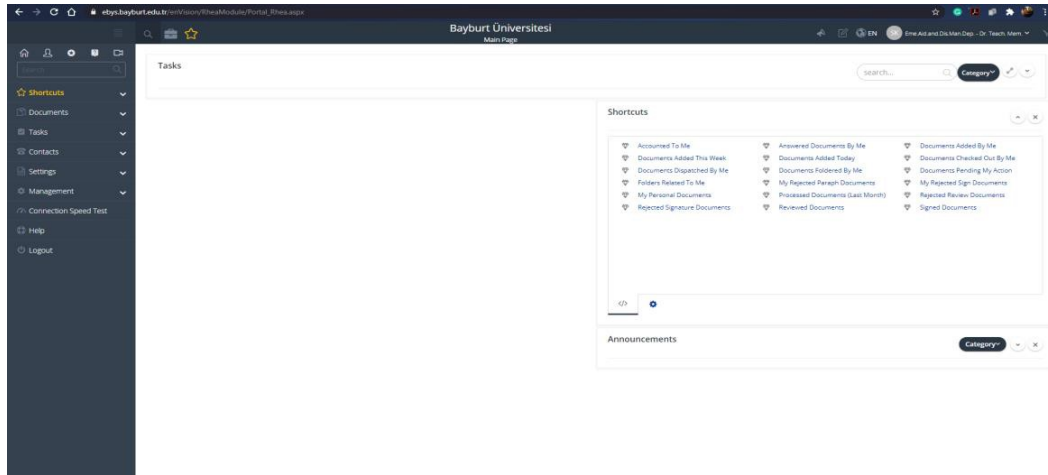
Environmental Management Office Web Page

All recyclable wastes across the university are collected separately for recycling. In order to carry out this process in a healthy way, indoor waste separation units are placed in all corridors of classrooms, offices and halls in a way that they are collected and separated at source. In addition, used papers produced in offices were recycled by an authorized recycling company using a mechanical technique, thus preventing greenhouse gas emissions from incineration indirectly.



Temporary Storage Area

In addition, various practices were started to be used within the scope of the "Paper and Plastic Use Reduction Program". For this purpose, a system called EDMS is used for corporate correspondence. In addition, a policy of reducing the number of prints is implemented by enabling double-sided printing with the help of common copiers that can print double-sided.



EBYS System



Joint Photocopy Machine That Can Make Double Sided Printing

Wastes that cannot be recycled are collected in cooperation with Bayburt Municipality. The Leakproof Garbage Container System is used to prevent environmental pollution, odor and leakage from these wastes. In addition, it is collected separately in the common areas of the campus using Recycling Boxes. The wastes are thrown into the Closed Waste Separation Units located in the corridors of the halls and then checked daily to be separated according to their types. Then, they are given to a licensed recycling company. In addition, outdoor waste bins are categorized and labeled to separate waste material at source. In addition, new indoor trash cans have been provided to separate indoor waste at source.



Waste Collection Equipment

The disposal of toxic wastes is done by keeping an inventory. An area where hazardous wastes can be stored temporarily has been created and started its activities. All toxic wastes from our university are sent to disposal companies with an environmental license permit and national waste transportation forms. At the end of the year, all records are kept and entered into the system of the Ministry of Environment and Urbanization.



Temporary Hazardous Waste Storage Area

Stray animals are fed with the 'Dostluk Aparts in the Bâbertî Complex, prepared by the faculty members and students of our university, while the shelter with a capacity of 14 rooms is provided to shelter our animal friends. It is planned to use the products that will increase in the cafeterias as additional food for stray dogs.



Completed "Friendship Apartments"

There is a package biological wastewater treatment plant for the treatment of wastewater in the Baberti Campus, and the treatment of domestic wastewater in the university's lodgings is provided here. The wastewater of our other campuses is sent to Bayburt Municipality Wastewater Treatment Plants and its treatment takes place here.



Domestic Package Wastewater Treatment Plant

Water Resources

A new water conservation program has started to be implemented in 2020 and rainwater from building roofs is collected in rainwater tanks for irrigation of indoor and outdoor plants.

Photocell devices are used for water taps in the WCs of the campus buildings.



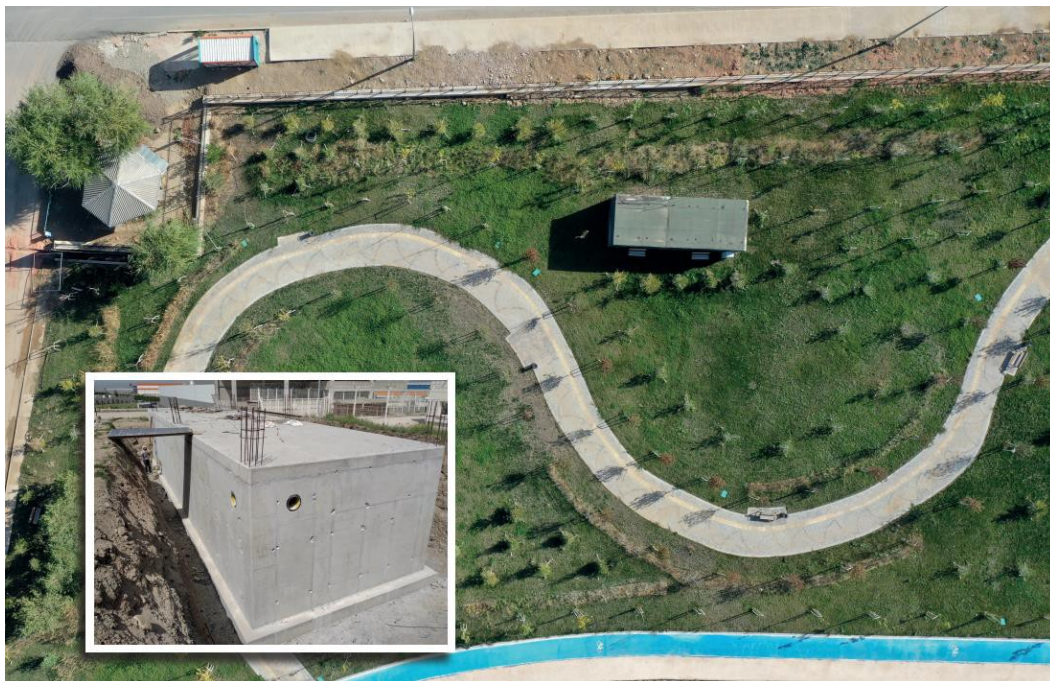
Photocell taps

A Technical Gallery System with a length of 3500 meters, specially designed to ensure the circulation of infrastructure lines, has been installed in the Baberti Complex. With this system, periodic maintenance of electricity, water and internet lines are carried out and any problems that may occur in the lines are eliminated without causing any damage / disturbance to the environment.



Technical Gallery System

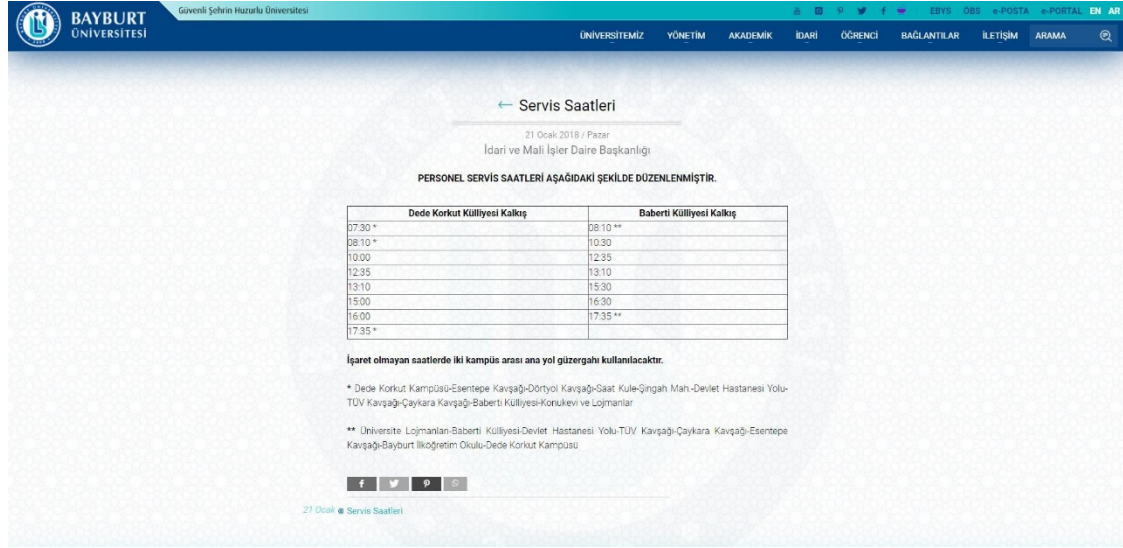
Two rainwater collection tanks with a total capacity of 286 tons were built in the Baberti Complex. The rain water collected by the depots, the complex and the green areas around it are irrigated with sustainable methods.



Rainwater Collection Tank

Transportation

At Bayburt University, "Sustainable Transportation Practices" are currently implemented. In order to reduce the use of vehicles in our campuses, vehicle entries are restricted and shuttle services between campuses are provided free of charge.



Servis Saatleri

21 Ocak 2018 / Pazar
İdari ve Mali İşler Daire Başkanlığı

PERSONEL SERVİS SAATLERİ AŞAĞIDAKİ ŞEKİLDE DÜZENLENMİŞTİR.

| Dede Korkut Kulliyesi Kalkış | Babertü Kulliyesi Kalkış |
|------------------------------|--------------------------|
| 07:30 ** | 08:10 ** |
| 08:10 ** | 10:30 |
| 10:00 | 12:35 |
| 12:35 | 13:10 |
| 13:10 | 15:30 |
| 15:00 | 16:30 |
| 16:00 | 17:35 ** |
| 17:35 * | |

İşaret olmayan saatlerde iki kampüs arası ana yol güzergahı kullanılacaktır.

* Dede Korkut Kampüsü-Esentepe Kavşağı-Dörtüyol Kavşağı-Gaşi Kule-Şingah Mah.-Devlet Hastanesi Yolu-TUV Kavşağı-Çaykara Kavşağı-Babertü Kulliyesi-Konukevi ve Lojmanlar

** Üniversite Lojmanları-Babertü Kulliyesi-Devlet Hastanesi Yolu-TUV Kavşağı-Çaykara Kavşağı-Esentepe Kavşağı-Bayburt İkoğretim Okulu-Dede Korkut Kampüsü

21 Ocak Servis Saatleri

Vehicle Departure Times

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



Walking Paths

Education

At the Bayburt University continues studies on "Sustainable Organic Agriculture" in the Department of Organic Agriculture Management, Doctorate and Master's Program in the Graduate Education Branch of our university. In addition, "Traditional Handicrafts Program" and "Alternative Energy Resources Technology" program are included in the Vocational School of Technical Sciences at the associate/undergraduate level. "Beekeeping Research and Development", "History and Culture of Bayburt", "Child Education and Development", "Food, Agriculture and Livestock", "Women and Family Problems", "Continuous Education", "Technology Transfer Office and Research Center in our university. Sustainable studies continue without slowing down in research centers such as "and" Distance Education and Research Center ".

A panel on "Aydintepe District Ancient Underground City and Sustainable Agriculture and Livestock" was held at our university. In the panel, problems and solutions related to agriculture and animal husbandry as well as the historical texture of Aydintepe District were discussed. Following the panel, a photograph and carpet, rug exhibition named "A Last Spring Story in Bayburt" was held in the foyer area of our Aydintepe Vocational School.



Images from the Panel and Exhibition Area

At our university, sustainable organic agriculture studies continue with the participation of our students.



Sustainable Organic Agriculture Practices

Based on the protocol signed between the Ministry of Agriculture and Forestry and the Council of Higher Education (YÖK) on January 15, 2020, a cooperation protocol was signed between Bayburt University and Bayburt Provincial Directorate of Agriculture and Forestry.



Protocol Meeting

Produced with modern applications carried out in Bayburt University Beekeeping Research, Development and Application Center and Demirözü Vocational School; The first milking of "Bayburt Honey", which has an important reputation with its unique plant flora, color, smell, consistency and taste depending on the nature and climatic conditions, was performed.



Organic Honey Production Application

Within the scope of "Anne University" within the body of our university, visits were made to the village schools in our city, primary school students were given school bags containing pens, pencils, crayons, notebooks and drawing notebooks, and trainings on "Zero Waste" were provided.



School Visits and Zero Waste Education