



13 İKLİM EYLEMİ



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İklim Eylemi, iklim değişikliği ve etkileri ile mücadele için acilen eyleme geçmeyi ifade eder. Birleşmiş Milletler, iklim değişikliğini kalkınmaya karşı en büyük tehdit olarak ilan ederken, Dünya Ekonomik Forumu bunu "dünyamız için ciddi bir varoluşsal risk" olarak nitelendirmiştir. İklim değişikliğinin etkisi sıcaklıklardaki artıştan ibaret değil. Kuraklık, seller, şiddetli kasırgalar gibi aşırı hava olaylarının sıklığı ve etkisinde artış, okyanus ve deniz suyu seviyelerinde yükselme, okyanusların asit oranlarında artış, buzulların erimesi gibi etkenler sonucunda bitkiler, hayvanlar ve ekosistemlerin yanı sıra insan toplulukları da ciddi risk altındadır.

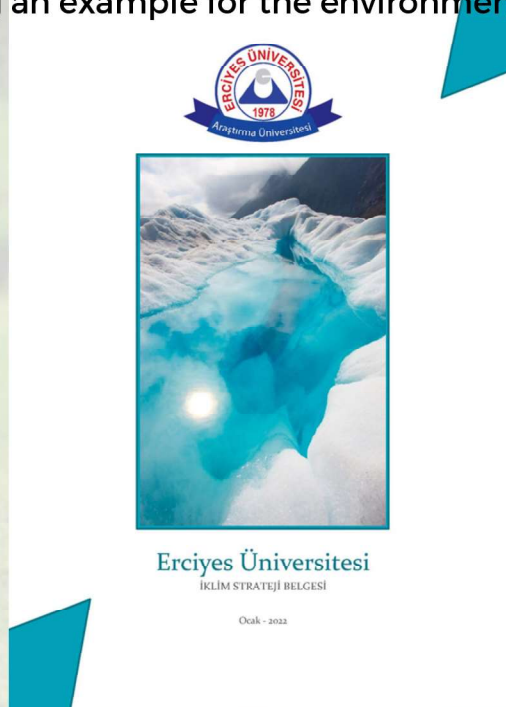




CLIMATE STRATEGY PAPER

Erciyes University aims to establish an Environmental Sustainability policy and to carry out all necessary activities in accordance with this policy on the university campus. In this context, it has established an environmental sustainability strategy. The university staff and students also have the necessary sensitivity and responsibility to support the determined sustainable environmental policy. In its Climate Strategy Plan, Erciyes University has set the following targets in the light of measurable parameters relating to sustainability:

- Supporting the social-cultural development of our region,
- Contributing to the social life of our region through artistic and cultural activities,
- Supporting sustainable economic development through the projects of research centers,
- Organizing need-based training for the surrounding community,
- Protecting natural and cultural assets,
- Preservation, maintenance and repair of the historical buildings in use,
- Participating in the activities for the afforestation of our region,
- Increasing the number of members of communities acting actively regarding environment, sustainability and climate issues,
- Increasing the number of activities on environmental awareness and protection,
- Cooperation with national and international stakeholders working in the direction to ensure that the importance of the use of renewable energy sources is understood and adopted by our students,
- Organizing training,
- Contributing to the protection of the ecosystem through the effective use of renewable energy solutions and setting an example for the environment.



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CARBON FOOTPRINT REPORT

Higher education institutions present themselves as models for societies to reduce greenhouse gas emissions through education. Universities, each educating leaders, are in a key position in their initiatives to combat climate change. Today, many universities have provided leadership to the intellectual community by joining the Kyoto Protocol and supporting environmental sustainability. Carbon footprint is one of the most important modules of sustainable development. It can be defined as the greenhouse gas emissions from activities such as energy production, waste generation, transportation and consumption. It is usually calculated as carbon dioxide equivalent in tons. Higher education institutions have taken initiatives such as neutral carbon campus and green campus by reducing their carbon footprints. This report has been prepared to reduce the amount of carbon emissions calculated by considering the consumption data of Erciyes University campus and calculating carbon footprints and to take initiatives for a sustainable university.

In the report, the amount of greenhouse gas emissions emitted into the atmosphere by Erciyes University in Kayseri for the years 2017, 2018 and 2019 was calculated using the Greenhouse Gas Protocol and ISO 14064:2006 directives and IPCC guidelines. The carbon footprint was determined for the years 2017, 2018 and 2019 considering the data received from the relevant units for the natural gas and electricity consumed at Erciyes University, the vehicle km method on the university campus and the amount of waste generated annually. As a result of the study, the amount of greenhouse gas emissions emitted into the atmosphere was evaluated comprehensively and recommendations were presented.



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SUSTAINABLE CAMPUS TRANSPORTATION POLICIES

Campus Shuttle Service and Pedestrian Policy

Campus ring shuttles run on 100% electricity and are zero emission. With the vision of zero-emission transportation, our university regularly provides on-campus shuttle services with environmentally friendly electric bus services.



Promoting Cycling

There is a bicycle rental system provided by Kayseri Metropolitan Municipality at many points on the central campus. In the system called KAYBİS, member students use the bicycles free of charge for the first half hour.



For our students, staff and guests who will come to Erciyes University campus from various points of Kayseri, 100% electric tram services provided by Kayseri Metropolitan Municipality pass through the campus. Therefore, carbon emissions on campus are reduced by public transportation.



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