

SDG13: CLIMATE MOVEMENT

13.2.1 As an institution, does your university measure the amount of low-carbon energy used across the university?

Renewable energy (solar panels) is only used for water heating in the Health Campus of our university. Low energy consuming LED bulbs are used for lighting on campuses. The use of a borehole system for garden irrigation and the use of shuttle buses for transportation are also processes that contribute to sustainability. The carbon footprint of our university between 2022-2023 is 0.4028 TON CO₂.

13.2.2.2.1 Total energy used: 21000GJ

13.2.2.2.2 Total energy used from low carbon sources: 231GJ

13.3.1 Does your university as an institution provide local education programs or campaigns on climate change risks, impacts, mitigation, adaptation, mitigation and early warning?

Üsküdar University faculty members conduct scientific research and projects related to the climate movement (Link 1-4) Üsküdar University faculty member Prof. Dr. Osman Çerezci's studies on detecting electromagnetic pollution in Üsküdar, Maltepe, Kadıköy and Ataşehir regions (Link 5). Üsküdar University offers various educational programs and campaigns to students and the public on the risks, impacts, mitigation, adaptation, mitigation and early warning of climate change. In this context, the university's curriculum includes undergraduate and graduate courses such as Philosophy of Technology, Environmental Sociology, Environmental Ethics, Disaster and Trauma Psychology, Environmental Sociology, Urban Sociology, International Migration Problems, Climate Change and Health. Üsküdar University Faculty Member Prof. Dr. İbrahim Özdemir has news that raise public awareness and warn the public.

Link 1:(<https://uskudar.edu.tr/tr/icerik/42312/cop28-ilerleme-mi-gerileme-mi-raporu-tanitildi.>)

Link2:<https://www.aa.com.tr/tr/dosya-haber/kuresel-su-kriziyle-mucadelede-bireysel-onlemler-kurtarici-olabilir/2990757>.

Link 3:<https://al-mizan.uskudar.edu.tr>

Link4:<https://uskudar.edu.tr/tr/iklim-degisikligi-sagliga-yansimalari-ve-hemsirelik-sempozyumu>

Link5:<http://www.bursadabugun.com/haber/bursa-nilufer-de-elektromanyetik-kirlilik-raporu-aciklandi-1245038.html>



13.3.2 -Does your university as an institution have a university Climate Action plan shared with local government and/or local community groups?

Üsküdar University is one of the partners of Al-Mizan, a covenant for the Earth to strengthen local, regional and international action to combat climate change (Link 1). In addition, our university organizes local training programs, courses, public seminars and panels to reduce the risks and impacts of climate change (Links 2-7).

Link 1: <https://uskudar.edu.tr/tr/icerik/7046/al-mizan-dunya-icin-bir-sozlesme-tum-dunya-ile-paylasildi>.

Link 2: <https://uskudar.edu.tr/sbf/tr/etkinlik/374/iklim-degisikliginin-insan-sagligi-uzerine-etkileri>

Link 3:<https://uskudar.edu.tr/tr/icerik/8500/uskudar-universitesi-yeni-akademik-yila-merhaba-dedi>

Link4:<https://uskudar.edu.tr/iletisim-fakultesi/tr/etkinlik/1016/uskudar-iletisimli-ogrencilerden-cardak-sohbetleri-programi>

Link 5: <https://uskudar.edu.tr/tr/iklim-degisikligi-ve-afetler>

Link 6:<https://uskudar.edu.tr/shmyo/en/activities/868/climate-change-and-disasters>

Link 7:<https://uskudar.edu.tr/tr/energy-utilization-and-environment>

13.3.3 Does your university, as an institution, work with the government and participate in collaborative planning for climate change disasters that may involve displacement of people both within a country and across borders?

Üsküdar University prioritizes informing national and international decision makers and collaborating in the decision-making process through projects, reports, analyses and academic publications on disasters. In this context, the academic staff of the university publishes analyses to combat the global water crisis (Link1) and evaluates COP28 (Link2). On February 6, 2023, Turkey was shaken by two major earthquakes. These earthquakes directly affected 11 provinces of Turkey and left others with secondary trauma. Üsküdar University published an "Earthquake Manifesto" (Link3) and academic staff traveled to the earthquake zone to investigate (Link4 and Link5). The University also organized events on psychological first aid (Link6), communication with victims of natural disasters (Link7), journalism in earthquakes (Link8) and disaster nursing (Link9).

Link1: <https://uskudar.edu.tr/en/icerik/42017/individual-measures-to-fight-with-the-global-water-crisis-can-be-a-savior>

Link2: <https://uskudar.edu.tr/en/icerik/42331/cop28-progress-or-regression>

Link3: <https://uskudar.edu.tr/en/icerik/9018/uskudar-university-earthquake-manifesto>

Link4: <https://uskudar.edu.tr/en/icerik/8974/uskudar-researchers-are-in-the-earthquake-region>

Link5:<https://uskudar.edu.tr/tr/icerik/8995/uskudarli-adli-bilimciler-kimliklendirme-calismalari-icin-deprem-bolgesinde>

Link6: <https://uskudar.edu.tr/tr/icerik/8932/dogal-afetlerde-psikolojik-ilk-yardim-nasil-olmali>

Link7:<https://uskudar.edu.tr/en/icerik/8967/how-should-we-communicate-with-the-victims-of-natural-disasters>

Link8: <https://uskudar.edu.tr/tr/dunya-basin-ozgurlugu-gunu-paneli-deprem-haberciligi>

Link9:<https://uskudar.edu.tr/tr/icerik/12546/yikici-depremin-ardindan-afet-hemsireligi-ele-alindi>

13.3.4 Does your university as an institution inform and support local or regional governments on local climate change disaster/risk early warning and monitoring?

At Üsküdar University, academic studies on climate, sustainability and environment are an indication of the consistency in educating our students and society about this issue (Link 1). Some of the studies on this topic;

1. Ekici, E. (2022). Public health nursing in mitigating the effects of climate change. Journal of Public Health Nursing, 4(1): 77-88. Doi: 10.54061/jphn.989135
<https://dergipark.org.tr/tr/download/article-file/1949837>
2. Mangunjaya, F.M., Ozdemir, I. (2022). Sustainability and Communities of Faith: Islam and Environmentalism in Indonesia. In: Indrawan, M., Luzar, J.B., Hanna, H., Mayer, T. (eds) Civic Engagement in Asia. Springer, Singapore. https://doi.org/10.1007/978-981-16-9384-7_20.
3. Ecer, K.Çetin, M. Ülker, S.V.(2023). The Climate Crisis and Consumer Behavior: The Relationship between Climate Change Anxiety and Sustainable Consumption. Kahramanmaraş Sutcu Imam University Journal of Social Sciences 2023 20(2) 520–536.<https://doi.org/10.33437/ksusbd.1340526>

Link1: <https://uskudar.edu.tr/tr/icerik/7920/8-bilim-ve-fikir-festivalinde-liseli-gencler-projeleriyle-yaristi>.

13.3.5 Does your university cooperate with NGOs on climate adaptation as an institution?

Üsküdar University, as a pioneering higher education institution that adopts "environmental awareness" as one of its core values, carries out joint studies with non-governmental organizations (NGOs) on climate change environment. There is a Climate and Environment Club (Link 1) that can produce solutions for climate change and works in coordination with NGOs. The Climate and Environment Club organized a nature walk and environmental cleaning event in the Islands with the Sustainable Development Club and Biruni University. Within the scope of the event, it was aimed to raise awareness about "a cleaner world" by cleaning the garbage around the Islands. Üsküdar University planted 3 thousand saplings in

the area allocated by the Environmental Organizations Solidarity Association on the Şile highway (Link 2).

Link1:<https://www.evepla.com/XX/Unknown/104260682117618/%C3%9Csk%C3%BCdar-%C3%9Cniversitesi-%C4%B0klim-ve-%C3%87evre-Kul%C3%BCb%C3%BC>

Link 2: <https://uskudar.edu.tr/tr/icerik/861/uskudar-universitesi-hatira-ormani-olusturuldu>



13.4.1 Does your university as an institution have a target date to be carbon neutral according to the Greenhouse Gas Protocols?

Üsküdar University aims to be carbon neutral by 2030. Üsküdar University has established the "Islamic Environmental Ethics Forum" to cooperate in achieving the United Nations Sustainable Development Goals (Link1). In addition, the University donates used paper to TEMA Foundation. Üsküdar University, which established a Zero Waste Management System in accordance with the Zero Waste Regulation published in the Official Gazette dated July 12, 2019 and numbered 30829, was entitled to receive a Zero Waste Certificate on June 8, 2021 with this initiative (Link 2).

Link 1: <https://uskudar.edu.tr/assets/uploads/sayfa/18/file/islam-cevre-ahlaki-forumu-yonergesi.pdf>.

Link 2:<https://uskudar.edu.tr/tr/sifir-atik-belgelerimiz>

13.4.2 Achievement target: Üsküdar University aims to be carbon neutral by 2030.