

13 CLIMATE ACTION



2021 - 2022

BAU AT A GLANCE

Since its foundation in 1998, the vision of BAU has been to be a global university known for its contribution to scientific, technological, and cultural knowledge through innovative education models and research approaches that reflect international standards as well as service to society. Currently, BAU Global Network comprises of 6 universities (Istanbul, Washington D.C., Berlin, Cyprus, Batumi, Plymouth), 5 liaison offices (BAU Global Azerbaijan, Jordan, Uzbekistan, Mongolia, Pakistan) and 5 language schools.

As one of the leading universities in Türkiye, BAU aims primarily to improve the living standards of the local and global society by integrating the sustainable development goals into its corporate processes and culture, educational programs, academic research practices and stakeholder collaborations. BAU with its staff members, students and alumni is a big academic community who are raised as good global citizens committed to each other and the world around them and always act with the utmost sense of ethics and social responsibility.

BAU WITH NUMBERS

- 7 campuses in Istanbul
- 10 faculties, 1 conservatory, 2 vocational schools
- 40 BA programs, 153 MA programs, 24 PhD. programs
- 22 research and application centers
- 150 labs, workshops/studios, incubation centers
- 223 Erasmus partner universities, 92 world exchange partners
- 805 full-time faculty members, 526 administrative staff members
- 17.927 undergraduate students, 4.552 graduate students, 415 doctora degree students
- 80 student clubs
- 224 externally funded projects between 2020-2022
- 340 industry partnerships & projects between 2020-2022

BAU IN THE TIMES HIGHER EDUCATION



BAU participates in the Times Higher Education (THE) Impact Rankings since 2019. According to the current rankings, BAU belongs to the 801-1000 band in the World University Rankings, the 401-600 band in the Impact Rankings and the 151-200 band in the Young University Rankings 2023. Also, BAU is ranked among the top 5 universities in Türkiye.

The university continuously increases its standing in categories related to the UN Sustainable Development Goals. As of 2023, BAU holds the following standings in the THE Impact Rankings;

- 67th in Quality Education
- 93 th in Peace, Justice and Strong Institutions
- Ranks between 201-300 in Gender Equality
- Ranks between 201-300 in Reducing Inequalities
- Ranks between 201-300 in Industry, Innovation and Infrastructure
- Ranks between 301-400 in Sustainable Cities and Communities

The University takes the above-mentioned rankings as evaluation criteria for progress regarding its adherence and contribution to the UN Sustainable Development Goals and will continue to report its advancement in the rankings on a yearly basis.

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Post-COP26 Global Issues and the Sustainability Cycle Roundtable (22 October 2021)

The event was organized by BAU, Cifal Istanbul, UNITAR and BAU ULMER HLO and brought academics, NGO and industry representatives together to discuss the challenges of climate crisis and solutions in the aftermath of the COP26.



Kulakkaya Climate Summit (11 December 2021)

BAU and CIFAL Istanbul, together with the representatives of the local governments, academia, T.R. Ministry of Agriculture and Forestry, T.R. Ministry of Foreign Affairs and UNITAR met at the Kulakkaya Climate Summit to discuss challenges pertaining to climate change.



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“Effect of Electric Vehicles on Greenhouse Gas Emissions” Webinar by BAU Faculty of Engineering and Natural Sciences (10 June 2020)

The webinar examined the current and future transformations of land transportation in the UK until 2050.

Elektrikli Araçların Sera Gazı Salımlarına Etkisi

DR. SİNAN KÜFEOĞLU
MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ

10 Haziran 2020 - Çarşamba
18.00-19.30

Seminer Adobe Connect Üzerinden
Canlı Olarak Gerçekleştirilecektir



İKSV “Arts and Culture for Ecological Transformation” Report by BAU Faculty of Economics, Administrative and Social Sciences Member Assoc. Prof. Hande Paker (16 March 2021)

Istanbul Foundation for Culture and Arts (İKSV) has published its ninth report titled “Arts and Culture for Ecological Transformation” in the scope of its cultural policy studies. Drafted by Assoc. Prof. Hande Paker, faculty member of BAU Faculty of Economics, Administrative and Social Sciences, the report draws attention to the ecological crisis, which is one of the most urgent issues confronting humanity. It invites the world of arts and culture to ponder the issue together to construct creative change.

İKLİM KRİZİNİ, sanat çözer mi?

“Kültür-sanat ekolojik dönüşümde nasıl bir rol oynayabilir?” sorusuna yanıt arayan İKSV, “Ekolojik Dönüşüm için Kültür ve Sanat” başlıklı rapor hazırladı

● Gülşen UYGUN

Istanbul Kültür Sanat Vakfı'na (İKSV) kültür politikaları geliştirilmesini kapsayan 2011'den bu yana yayımladığı raporlara bir yenisi eklendi: “Ekolojik Dönüşüm için Kültür ve Sanat”

Bahçeşehir Üniversitesi İktisadi, İdari ve Sosyal Bilimler Fakültesi Öğretim Üyesi Doç. Dr. Hande Paker tarafından hazırlanan rapor, insanlığın en acil meselelerinden ekolojik krize dikkat çekerek kültür-sanat dünyasının kema kereme birlikte düşünmeye ve çözüm sürecinin bir parçası olmaya davet ediyor.

Kültür-sanat alanının diğer alanlarla ilişkisi aracılığıyla kamuoyuna bir tartışma alanı açmayı hedefleyen rapor, ekolojik krizi sosyal, politik, ekonomik ve kültürel yönleriyle tartışıp sürdürülebilirlik, sanat ve sosyolojik dönüşümün merkezine alıyor. Kültür-sanat aktörlerinin ekolojik sorunları tüm boyutlarıyla değerlendirebilecekleri kapsamlı bir



analiz eden raporda, kültür-sanat aktörlerinin ekolojik dönüşümde oynayacağı rolün, saba çalınmasının sonuçları açısından değerlendiriliyor. Kültür-sanat kurumları ve etkinlikleri için ekolojik ayak izlerini azaltmak için bir takım öneriler sunulan raporda, enerjiyi sürdürülebilir kaynaklardan kullanmak, dijitalleştiği alan etrafında yeni araçlardan mümkün olduğuna kadar yeniden kullanım sağlamak, sermayelerini azaltmak, yeni ürünlerle çalınmak sürdürüle-

bilirlik için gerekli önlemler olarak öneriliyor.

Kültür ve sanatın sürdürülebilirlikle ilişkilendirilmesi ile ana beyaz hareketin tartışılıyor: insan ekolojik ayak izini azaltmak ve yaratıcı düşünce gücünü kullanarak ekolojik dönüşüm için çözümleri hayata geçirecek yeni alanlar oluşturmak.

Birinci beyaz, kültür-sanat sektörünün kendi ekolojik ayak izini azaltmaya çalışması, ikinci beyaz, ekolojik dönüşümün yaratıcı düşünce gücünü kullanarak ekolojik krize ve sonuçlara çözüm bulmaya çalışmasıdır.

Ekolojik dönüşümün yaratıcı düşünce gücünü kullanarak ekolojik krize ve sonuçlara çözüm bulmaya çalışmasıdır. İkinci beyaz ise ekolojik dönüşümün yaratıcı düşünce gücünü kullanarak ekolojik krize ve sonuçlara çözüm bulmaya çalışmasıdır. İkinci beyaz ise ekolojik dönüşümün yaratıcı düşünce gücünü kullanarak ekolojik krize ve sonuçlara çözüm bulmaya çalışmasıdır.

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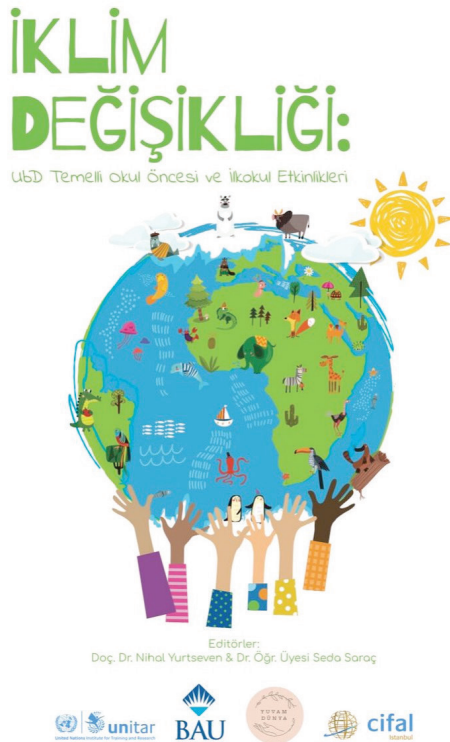
Climate Change: UbD Based Preschool and Primary School Activities Book

The book "Climate Change: UbD-Based Pre-School and Primary School Activities", prepared in cooperation with Bahçeşehir University, CIFAL Istanbul, Yuvam World Association and UNITAR, was published on September 1, 2021. The book, which is an educational resource for explaining climate change, the effects of climate change and the measures that can be taken, to children through various activities, aims to contribute to the curriculum that is lacking in Turkey within the scope of climate action, one of the sustainable development goals, and to support relevant stakeholders.

Within the scope of Climate Change studies carried out at BAU Faculty of Educational Sciences, Assoc. Dr. Nihal Yurtseven and Assoc. Dr. The book titled Climate Change: UbD-Based Preschool and Primary School Activities, prepared under the editorship of Seda Saraç, is a book prepared for four different themes at three different levels: preschool, primary school first and second grade, primary school third and fourth grade.

The main themes of the book are called What is Climate?, Global Warming and Climate Change, Effects of Climate Change, Measures to Prevent Climate Change, and unit plans that are planned to last approximately 16 hours at each level are designed based on the instructional design model called UbD.

Within the framework of these plans, it is aimed to increase the awareness of students on climate change, to transfer the information they have learned through these designed activities to daily life and to become climate literate individuals.



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**TÜBİTAK İKLİM DEĞİŞİKLİĞİ
ARAŞTIRMA PROJELERİ
YARIŞMASI HAZIRLIK
KONFERANSI**



Prof. Dr. Ebru Canan Sokullu
CIFAL İstanbul/UNITAR Direktörü
BAU Siyaset, Bilim ve Uluslararası
İlişkiler Bölüm Başkanı

Doç. Dr. Canan Acar
BAU Mühendislik ve Doğa
Bilimleri Enerji Sistemleri
Mühendisliği

Dr. Öğr. Üyesi Zeynep Tacer Caba
BAU Mühendislik ve
Doğa Bilimleri Fakültesi

KADEMELER	TARİH	SAAT
Hazırlık, 9, 10 ve 11. sınıflar	6 Nisan 2022 Çarşamba	20:30



TÜBİTAK Climate Change Research Projects Competition Preparation Conference (6 April 2022)




In this online contact meeting organized by Uğur Schools in collaboration with BAU, Cifal İstanbul and UNITAR, BAU academics gave training on how students should prepare for TÜBİTAK Climate Change research projects, and which issues they should focus on during the process. As part of BAU's efforts on contributing to environmental sustainability, the event helped to create awareness among youth about the climate crisis and the environmental challenges it brings.

The Effects of the Energy Sector on Climate Change and Energy Transformation Webinar (25 May 2022)

Globally, energy production and consumption are by far the largest sources of greenhouse gas emissions. About two-thirds of global greenhouse gas emissions are linked to burning fossil fuels for energy to be used for heating, electricity, transportation and industry usage. Therefore, it is almost impossible to reduce our greenhouse gas emissions and have an impact on the climate crisis without changing our energy practices. The webinar organized by BAU, CIFAL İstanbul Youth Platform under CIFAL İstanbul and UNITAR in collaboration with BAU Energy Student Club and Akenerji aimed to discuss new and emerging technologies at the youth level and to raise awareness on the subject.

May 25, Wednesday 18.30 - 20.00 Meeting ID: 895 8999 6243

THE EFFECTS OF THE ENERGY SECTOR ON CLIMATE CHANGE AND THE ENERGY TRANSITION



ASSIST. PROF. ZEKERİYA TÜZEN
BAHÇEŞEHİR UNIVERSITY

SEVGI ULUÇÖL
ENVIRONMENT AND QUALITY
MANAGER AT AKENERJİ

ASSOC. PROF. CANAN ACAR
UNIVERSITY OF TWENTE &
BAHÇEŞEHİR UNIVERSITY

BARIS CAN KOYUNCU
PRESIDENT
BAU ENERGY STUDENT
CLUB

KEYNOTE SPEECHES FROM:
PROF. EBUR CANAN-SOKULLU
DIRECTOR
CIFAL İSTANBUL/UNITAR


ÖZAN SAVRAN
CO-PRESIDENT
CIFAL İSTANBUL YOUTH
PLATFORM

MODERATOR:
SUDA SIM MERIC
CIFAL İSTANBUL YOUTH
PLATFORM, PROSPERITY
TRADING GROUP

DİZE DOĞAN
CO-VICE PRESIDENT
CIFAL İSTANBUL YOUTH
PLATFORM

THE PROGRAM WILL BE HELD IN TURKISH.

In collaboration with



Community Service Practice Course (2021-2022 Academic Year)

Within the scope of EDS2016 Community Service course in the all semesters of the academic years, different projects were designed by the students in line with the sustainable development goals.

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“The First Legal Climate Case in Türkiye: How Did Marmara Lake Dry?” Online Panel (26 May 2022)

The Panel was organized by the BAU Animal and Nature Law Lab under the Faculty of Law. Its aim was to create awareness about potential climate related lawsuits and to draw attention to Türkiye’s fight against climate change through the discussion of an ongoing lawsuit and its details. Strategies to be followed in climate related lawsuits and suitable legal instruments

Climate Curriculum Development Project (2022)

In collaboration with TEMA foundation Dr.Defne Yabaş from BAUSTEM developed a climate change curriculum to be implemented in middle schools of Ministry of National Education.

Climate Change and Awareness Seminar On August 29, 2022

A seminar was given by Doç. Dr. Nihal Yurtseven ve Doç. Dr. Seda Saraç to the employees of the General Directorate of Bahçeşehir College on climate change and raising awareness.

Climate Change Education for Children: A Program Evaluation Project

Researchers Seda SARAÇ and Nihal YURTSEVEN developed the Climate Change Module, which has an application time of around 16 hours at each level, under four different themes, in three different levels: pre-school, primary school first and second grade, primary school third and fourth grade. It was published as a book by Bahçeşehir University Press and started to be implemented with approximately 29.000 children on 144 campuses of Bahçeşehir College. It is aimed that the modules will be submitted to the approval of the Ministry of National Education and, if approved, they will be officially integrated into pre-school and primary school programs to expand climate change education throughout the country. In this direction, the aim of this study is to evaluate the implementation of the Climate Change module for Preschool and Primary Schools

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Impact Analysis Research Project of the Projects "If Bees Have Tomorrow", "Zero Waste" and "Protect the Climate" Projects (2020-21 & 2021-22)

Project Stakeholders: BAUSTEM & TEMA Foundation Within the scope of the project, the task of the project coordinators is to carry out the impact analysis of the "If There Are Bees, There Are Tomorrows", "Zero Waste" and "Protect the Climate" Projects implemented by TEMA Foundation in public schools with the approval of the Ministry of National Education. Within the scope of the project, consultancy will be provided to the TEMA foundation on the selection of the appropriate sample within the scope of the projects to conduct impact analysis, and a total of six evaluation reports will be prepared by developing the relevant scales. Using the data obtained from the projects within the scope of the research project, an academic research article will be prepared to be sent to an international refereed journal. (Turkey Combating Soil Erosion for Reforestation and the Protection of Natural Resources or simply TEMA Foundation, is an environmental foundation was established in Istanbul on September 11, 1992. Combat erosion, afforestation and protection of natural assets is one of the main objectives. (<https://www.tema.org.tr>)