



CAPPADOCIA UNIVERSITY SUSTAINABILITY EFFORTS

2022-2023 ANNUAL REPORT

NEVŞEHİR/TURKEY

OCTOBER 2023

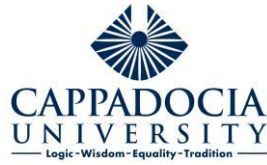
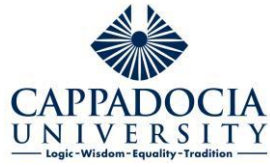


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EXECUTIVE SUMMARY

This annual report is prepared by the Rectorate of Cappadocia University (KÜN) in accordance with the university's governing documents related to institutional sustainability efforts. The report covers the academic year of 2022-2023 which corresponds to the period from September 1, 2022 to August 31, 2023 and includes the progress made in sustainability efforts since the last (2021-2022) reporting year.

The most prioritized step taken during this report period was the integration of sustainability policies into the university's 2023-2028 Strategic Plan, which reflected the mission and vision of Cappadocia University and was previously established on only 4 strategic areas (Education and Training, Research and Development, University Management, Contribution to Society) in previous periods. In this regard, "Sustainability" has been added to the strategic areas in our university's 2023-2028 Strategic Plan as a separate area. Each of the strategic areas includes strategic goals and each goal includes its own strategic objectives. In this context, it has been determined how the 17 Sustainable Development Goals (SDGs) announced by the UN 2030 Agenda will be integrated into the strategic goals, objectives and performance measures under these objectives in the strategic plan, and it is planned to be implemented as of September 1, 2023. In addition, the foundations of the establishment and structuring of a Sustainability Office within Cappadocia University have been laid in order to contribute to the institutional sustainability structuring of Cappadocia University, to manage and report the relevant processes, and to provide more comprehensive service to all these planned activities. In this context, with the Senate decision dated August 14, 2023, both the Sustainability Office Directive and the accordingly revised Sustainability Commission Directive were approved and entered into force.

Accordingly, the most notable developments within the reporting period were the more comprehensive and mature implementation of the activities aligned with strategic goals described in the "Green Cappadocia Policy Paper," the pioneering activities of the Sustainability Commission, the expansion of the *Sustainable Cappadocia* Website, the more pervasive implementation of the Sustainability Programs (Water, Air, Earth, Fire, Bio), Establishing the Sustainability Office, planning the integration of the SDGs announced by the UN 2030 Agenda into the 2023-2028 Strategic Plan, approving the GreenStars Sustainability Model Declaration of Conformity, becoming a member of the United Nations Higher Education Sustainability Initiative (HESI), opening of the website iklim.kapadokya.edu.tr, the realization of Cappadocia Sustainability Conversations, the realization of Sustainability and UN Sustainable Development Goals Seminar, the organizing of Turkish Cuisine Week: Development of Local and Sustainable Gastronomy Panel and Workshop Congress, the realization of the 2nd International Conference on Environmental Humanities: Posthumanism for Sustainability, the organizing of Environmental Sustainability Leadership Award Ceremony, Cappadocia Economy Meetings VI: Organizing the Ecological Sustainability and Ecological Agriculture Conference, the organizing of Sustainable Development Community Elective General Assembly Social Responsibility Project, Türkiye Sustainable Tourism Program 1. Stage Training: Implementation of Van, the organizing of many seminars, symposiums, conferences, workshops, exhibitions, competitions and travel activities related to SDGs. In addition, as of the date covering the report publication process; formal partnership to the "Education for Climate Resilient European Heritage Architecture" (E-Creha) Erasmus+ Ka 203 Project by the signing of the Cooperation Protocol between TOBB University of Economics and Technology and Cappadocia University, and our university's participation (by the Rector of the university) in the

25th General Assembly of the United Nations World Tourism Organization (UNWTO) were among the important developments.

1. ENVIRONMENTAL SUSTAINABILITY IN CAPPADOCIA UNIVERSITY'S GOVERNING DOCUMENTS

Environmental Sustainability is a prioritized issue and an important focus area for Cappadocia University (KÜN) since its establishment as a university on July 1, 2017. This emphasis is clearly documented in four formal documents issued by the university administration:

1.1. Green Cappadocia Policy Paper

“[Green Cappadocia Policy Paper](#),” first issued in the academic year of 2019-2020, is the main governing document detailing the mission, vision, larger strategic plans and objectives and aims of KÜN regarding sustainability efforts. Designed on the basis of the particular efforts under the headings of “Energy Management Program,” “Water Management Program,” “Waste Management Program,” and “Cultural Sustainability Program,” the Paper also reflects the university’s sustainability policies that are also in line with the “Cappadocia University (KÜN) Contribution to Society Objectives and Principles Policy Paper,” as well as with our mission, vision and fundamental values.

1.2. KÜN Sustainability Commission

The policies specified in “Green Cappadocia Policy Paper” are implemented by the KÜN Sustainability Commission (<https://eko.kapadokya.edu.tr/en/sustainability-commission/>) founded in the academic year of 2019-2020. Accordingly, the “[Sustainability Commission Directives](#)” (Turkish only) is the second major document in KÜN’s sustainability-related legislation. The Directives document organizes the governance structure, duties and responsibilities, meeting procedures, and the timeline of the tasks undertaken by the Commission. In the 2022-2023 period, the Commission continued its activities with 9 members determined in the previous report period. With the Sustainability Office Directive, which was approved and entered into force with the Senate decision dated August 14, 2023, and the Sustainability Commission Directive, which revised accordingly, it was decided that the Commission will continue its activities with 13 members. In addition, it was decided that the Sustainability Office would work in coordination with the Sustainability Commission and the Sustainability Office Coordinator would be a permanent member of the Sustainability Commission.

1.3. Cappadocia University Research Goals and Principles

In the official research policy statement entitled “Cappadocia University Research Goals and Principles,” academic leadership in Turkey in the field of Environmental Humanities, through the activities of Cappadocia University Environmental Humanities Center (<https://ehc.kapadokya.edu.tr/>), has been expressed as a major goal and priority.

1.4. Cappadocia University’s “Strategic Plan for 2018-2023”

In Cappadocia University’s “[Strategic Plan for 2018-2023](#)” (Turkish only), several activities and practices related to environmental sustainability targets are among the performance metrics as explained under the section “Protection of Natural and Cultural Entity.” According to this section

anticipated activities and practices are defined as such:

1. Protection, maintenance and repair of historical buildings in our use.
2. Participation in the afforestation activities of our region.
3. Increasing the number of members of the Young TEMA (The Turkish Foundation for Combating Soil Erosion, for Reforestation and the Protection of Natural Habits) student organization.
4. Increasing the number of activities on environmental awareness and protection.
5. Implementing trainings and cooperating with national and international stakeholders working in order to disseminate knowledge about the importance of the use of renewable energy sources and to ensure their adoption by our students.
6. Contributing to the protection of the ecosystem through the effective use of renewable energy solutions and setting an example for the environment.
7. Putting into practice of Mustafapaşa's signage project.
8. Sharing the knowledge accumulation of the university for the benefit of local governments and the public through developing joint projects and advising on public interest issues.

1.5. Cappadocia University's "Strategic Plan for 2023-2028"

Cappadocia University 2023-2028 Strategic Plan is built on five strategic areas. These strategic areas have been determined as Education and Training, Research and Development, University Management, Contribution to Society, and Sustainability. Strategic goals and objectives within the scope of strategic areas have been determined in accordance with the UN Sustainable Development Goals (SDGs) and national/local development plans, and it is aimed to maximize the contribution of our university to society and development goals. In this context, Cappadocia University aims to develop exemplary sustainable practices and approaches that can have an impact on the environment and cultural heritage, especially in the Cappadocia region where the university is located. Cappadocia University sustainability policies are designed to be compatible with the mission, vision, principles and values of our university, as well as the principles adopted by Cappadocia University in line with its goals and principles of contributing to society. With its sustainability policies, Cappadocia University aims to prioritize four basic areas and engage in activities that will contribute to them. Accordingly, the envisaged activities and practices are defined as follows:

1. To support sustainability through all kinds of education and training activities.
2. To include courses on environment and culture in all education and training programs and to increase the number of these courses.
3. To expand sustainable R&D activities by giving special importance and support to projects that prioritize sustainability.
4. To support social and cultural sustainability, which is among the basic components of sustainable development.
5. To provide and develop a sustainable campus structure under the roof of Cappadocia University.

2. SUSTAINABLE CAPPADOCIA WEBSITE

In order to provide wider visibility and dissemination as well as stronger outreach and functionality to its sustainability efforts, in the 2019-2020 academic year KÜN launched a bilingual (Turkish and English) sustainability website with the name [Sustainable Cappadocia](https://eko.kapadokya.edu.tr/en/home/) which can be accessed at the URL: <https://eko.kapadokya.edu.tr/en/home/>. During the 2022-2023 period the website was adequately maintained, updated and enriched in terms of its contents. The website now functions as the main channel through which all kinds of sustainability-related events, schemes, programs, initiatives and publications are shared not only with the university community but also with the larger public. The website is also supported by the posting of social media messages related to the events and special days on the “sustainability calendar” by the university’s institutional accounts (See examples at <https://eko.kapadokya.edu.tr/en/what-you-can-do/>).

3. SUSTAINABILITY COMMISSION

In order to further institutionalize and systematize the sustainability works of the university, the KÜN administration operates through a Sustainability Commission consisting of 13 members representing different academic and administrative units of the university and in accordance with the Sustainability Commission Directive revised in the 2022-2023 academic year: <https://eko.kapadokya.edu.tr/en/sustainability-commission>. The Commission’s Objectives are stated below:

In accordance with the relevant internal governing documents of Cappadocia University, the general objectives of KÜN Sustainability Commission are to create awareness about natural and cultural sustainability on the part of collegiate and external partners and stakeholders, and to plan, monitor, report, and assess sub-activities that encourage and support sustainability. Starting from the 2023-2024 academic year, all these activities will be carried out in coordination with the Sustainability Office. Accordingly, the specific objectives of the Sustainability Commission and the Sustainability Office regarding their main areas of influence, compatible with their general objectives, are as follows:

Setting and Infrastructure

The development and expansion of open spaces, areas covered in forests and planted vegetation, as well as water absorbent surfaces on Cappadocia University campuses

Energy and Climate Change

The increase of the usage of energy efficient appliances and the number of renewable energy sources; the minimization of the institutional carbon footprint on Cappadocia University campuses

Waste

The reduction of the use of paper and plastic, and the development and wide implementation of recycling programs for organic and inorganic wastes on Cappadocia University campuses

Water

The installation of the infrastructure components necessary for water conservation and recycling,

and the development and wide implementation of customized water conservation and recycling programs on Cappadocia University campuses

Transportation

The reduction of private vehicle traffic, the increase of public transportation use, the increase of the number of zero emission vehicles, and the development and expansion of the structural and infrastructural components toward minimizing transportation-generated carbon footprint on Cappadocia University campuses

Education and R&D

The creation of awareness about natural and cultural sustainability through curricular and extra-curricular activities (courses, publications, student organizations), as well as through research and development projects, and the qualitative and quantitative improvement of these activities and projects on Cappadocia University campuses.

4. SUSTAINABILITY PROGRAMS

In the academic year of 2019-2020, KÜN Sustainability Commission initiated the Cappadocia *Water, Air, Earth, Fire, and Bio* programs to structure its efforts under the relevant subheadings by matching the efforts with one of the foundational elements that are most impacted by the individual program.

As seen in the images below, custom-made buttons and stickers designed to increase the visibility and ownership of the programs at the beginning of the 2021-2022 academic year continued to be procured and distributed to faculty members and students in the 2022-2023 academic year. The stickers also feature square codes that directly take the viewer to the web page of the program on *Sustainable Cappadocia* website.



Fig. 1: Buttons prepared for the sustainability programs.



Fig. 2-3: Sustainability program stickers displayed in relevant locations.

4.1. CAPPADOCIA WATER



Cappadocia University's efforts regarding the management of drinking, utility and waste water are planned and implemented under the ***Cappadocia Water*** program. The main activity areas of this program are:

- Developing applications and policies that are based on the saving and recycling of water
- Erecting information boards and signs detailing the water management program in various locations on campuses to ensure that the students, administrative personnel and faculty members are kept informed
- Utilization of water collected naturally through rainwater harvesting applications, and the use of the water obtained from rainwater harvesting for the irrigation of the green areas, to support the growth of the trees and plants on campuses
- Use of permeable materials in construction and landscaping to allow the return of rainwater to the soil
- Use of water-saving appliances and machinery on campuses
- Provision of personnel with the necessary training to reduce water consumption in cleaning, and the determination of the procedures accordingly
- Taking the necessary measures to reduce the production of waste water on campuses, and to treat and rehabilitate toxic, chemically or biologically polluted water
- Taking the necessary measures to prevent evaporation and to ensure efficient irrigation, with methods such as drip irrigation

4.2. CAPPADOCIA AIR



Cappadocia University's efforts regarding the reduction of the carbon emissions resulting from transportation within and between its campuses are planned and implemented under the ***Cappadocia Air*** program. The main activity areas of this program are:

- Taking measures to regulate the entry and exit of vehicles to and from the campuses
- Limiting the use of cars by students on campuses, while promoting the use of vehicles that do not cause carbon emissions, such as bicycles and electric bicycles
- Creating parking spaces (i.e., bike racks) on campuses and making them available for students

- Lending bicycles to students who require them, where resources permit, promoting their use as a viable transportation mode
- Increasing the number of bicycle and pedestrian roads both on campuses and in the region, and promoting the efforts of local administrations in this regard

4.3. CAPPADOCIA EARTH



Cappadocia University's efforts regarding the effective management of the waste produced on campuses, recycling, environmental protection, and reforestation are planned and implemented under the *Cappadocia Earth* program. The main activity areas of this program are:

- Taking the necessary measures to ensure the effective management of the waste produced on campuses
- Developing applications and policies to minimize waste, and supporting related projects
- Erecting information boards and signs detailing the waste management program in various locations on campuses to ensure that the students, administrative personnel and faculty members are kept informed
- Placing recycle bins all over the campuses to reutilize recyclable waste
- Promoting the use of recycled paper
- Promoting the use of both sides of the paper for printed materials
- The collection and recycling of all kinds of waste, particularly paper
- Promoting the use of digital and e-signed documents and forms rather than printed and wet signed documents
- Promoting the use of e-mails and similar technological media for communications and correspondence
- Reduction of the use of plastic packaging and plastic bags to reduce plastic waste
- Promoting the use of bags made of organic, eco-friendly and recyclable materials
- Developing various applications through which the organic waste generated by food production facilities of the university are reutilized in agriculture and food production
- Delivering surplus food stocks to people in need
- Disposal of the appropriate kinds of waste via various methods, particularly composting; the use of the organic products obtained from composting on the trees and plants grown by the university their distribution to local farmers free of charge, with a view to contributing to regional development
- The launching of litter collection campaigns on campuses and in the valleys of the Cappadocia region
- The launching of tree planting campaigns in collaboration with local governments and NGOs on campuses and in the Cappadocia region

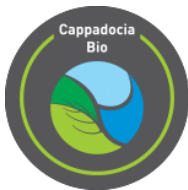
4.4. CAPPADOCIA FIRE



Cappadocia University's efforts regarding the efficient and effective use of energy are planned and implemented under the *Cappadocia Fire* program. The main activity areas of this program are:

- Developing applications and taking measures to ensure the efficient and effective use of energy
- Carrying out studies to reduce total energy consumption, and organizing and promoting activities to inform the academic and administrative personnel and the students about efficient and effective energy use
- Taking measures to reduce carbon emissions from heating
- Designing new buildings in consideration of natural heating and cooling potentials
- Heating of existing and historical buildings using low-carbon energy sources, in addition to natural heating
- Prioritizing the use of natural gas on all campuses
- Exempting unused indoor spaces from heating and limiting the use of air conditioners for cooling
- Taking initiatives in the generation of electricity from renewable energy sources (hydro, solar, wind and bio fuel), and carrying out projects and supporting existing projects in this field
- Prioritizing facilities and buildings that do no harm to the natural and cultural structure of the region for renewable energy generation
- Using energy-efficient appliances to reduce electricity consumption, particularly in lighting
- Minimizing unnecessary and excess lighting
- Using photocells in indoor spaces that are not frequently used to economize electricity consumption

4.5. CAPPADOCIA BIO



Cappadocia University's efforts regarding the minimization of the impacts of collegiate life, educational activities and research-development initiatives on the natural and cultural texture of the region, as well as those regarding cultural sustainability and the preservation of biodiversity at the global, national and local levels are planned and implemented under the *Cappadocia*

Bio program. The main activity areas of this program are:

- Taking the necessary measures to ensure that the impacts of collegiate life, educational activities and research-development initiatives on the natural and cultural texture of the region are minimized
- Attributing importance to cultural sustainability in educational, research and social contribution activities
- Taking the necessary measures, and carrying out and supporting projects that support local traditions, contributing to their transfer to the next generations, protecting Turkey's cultural heritage, and particularly that of Cappadocia, as a unique example of cultural heritage in the world
- Designing and constructing new buildings and facilities in accordance with the natural and cultural features of the region
- Using locally supplied, recyclable or used materials for the construction of new buildings
- Carrying out environmental and social impact evaluations for new buildings, and designing the buildings accordingly
- The restoration of buildings and structures in the region that are in need of protection and restoration, thus contributing to cultural heritage
- Organizing initiatives to support the street animals and other living entities on campuses in collaboration with local governments, NGOs and student communities

5. ECO-CURRICULUM

Cappadocia University's commitment to increase awareness about sustainability issues also led to the designing and offering, during the 2020-2021 academic year, of a unique elective course on ***Ecological Literacy and Sustainability*** to the students of all undergraduate and graduate degree programs (***EOS 171*** and ***EOS 571*** respectively). In the 2022-2023 academic year both courses were enrolled by students.

Course Content

In this course, the themes and concepts of ecological literacy, sustainability, interdependence principle in human and nature relationship, climate crisis, carbon footprint, sustainability issues in energy and food, consumption culture and waste, environmental justice will be examined and discussed through global examples of environmental problems, good practices and cultural works such as film, literature and design.

Course Objective

Ecological literacy is a term that points to an awareness about the dynamics of the natural environment, humanity's role and responsibility in it; the critical interrogation of human relationship to non-human nature, and the environmental problems arising from that. In the current age of climate crisis, improving an ecological perspective to favor the rights of other living beings and ecosystems is considered as a citizenship consciousness. In that sense, this course aims to provide a fundamental knowledge and perspective with a holistic and interdisciplinary approach to encourage awareness about environmental problems. The course aims to examine the current climate crisis with its social, cultural and economic aspects, and raise consciousness on environmental and social sustainability.

Moreover, another graduate level course, *KCY 532 Ecological Crisis and Strategies to Overcome* was also designed and offered to the students of the relevant graduate programs in the academic year of 2020-2021.

Course Content

This course encapsulates the issues of current ecological crisis by its scope, causes, reflections from a perspective based on its political, philosophical, social, ethical and economical senses.

Course Objective

The aim of this course is to analyze the ongoing ecological crisis through a perspective of causality.

In 2022-2023, in line with the objectives of inclusion of environmental sustainability subjects in the curricula of various departments, 34 courses (to be compared with 30 courses in 2021-2022) on environmental sustainability related subjects were offered in Cappadocia University. The master's program "Urban Policy, Environment and Local Governments" focuses on the environment and aims to encourage academic research in this field. Moreover, in addition to master's degree program in English Language and Literature, which is designed with an environmental humanities orientation and is the only such degree program in Turkey, the new MA in Cultural Studies program offered in Turkish medium of instruction also features sustainability-related courses such as "Ecocinema."

The curricula of the various associate, bachelor, and master's degree programs in Cappadocia University include the following courses on environmental sustainability and/or related subjects:

1. Ecological Literacy and Sustainability (General Elective Course)
2. Healthy Life and Training I / Nutrition and Dietetics / School of Health Sciences
3. Healthy Life and Training II / Nutrition and Dietetics / School of Health Sciences
4. Environmental Psychology/Translation and Interpreting (English)/Faculty of Humanities
5. Film and Eco-Criticism/ English Language and Literature/School of Graduate Studies and Research /Faculty of Humanities
6. Environment, Literature and Culture/English Language and Literature/School of Graduate Studies and Research /Faculty of Humanities
7. Media, Communication and the Environment / English Language and Literature/School of Graduate Studies and Research/Faculty of Humanities
8. Environmental Sustainability and Ecological Life/ Urban Environment and Local Government Policies/ School of Graduate Studies and Research
9. Introduction to Urban and Environmental Law/ Urban Environment and Local Government Policies/ School of Graduate Studies and Research

10. Green Political Thought/ Urban Environment and Local Government Policies/ School of Graduate Studies and Research
11. Ecological Crisis and Climate Politics / Urban Environment and Local Government Policies/ School of Graduate Studies and Research
12. Natural Assets and Environmental Policies / Urban Environment and Local Government Policies/ School of Graduate Studies and Research
13. Ecological Crisis and Solution Strategies / Urban Environment and Local Government Policies/ School of Graduate Studies and Research
14. Environment and Management Discussions: Analysis and Interpretation/ Urban Environment and Local Government Policies/ School of Graduate Studies and Research
15. Urban and Environmental Legislation in Turkey/ Urban Environment and Local Government Policies/ School of Graduate Studies and Research
16. Ecocinema/ Cultural Studies/ School of Graduate Studies and Research
17. Culture, People and Environment/ Cultural Studies/ School of Graduate Studies and Research
18. Advanced Ecological Literacy and Sustainability (General Elective Course-Graduate Level)
19. Environmental Health/ Mouth and Dental Health/ Dentistry Services
20. Equine-assisted Therapy-I/Equine and Coaching/ Vegetable and Animal Production
21. Equine-assisted Therapy-II/Equine and Coaching/ Vegetable and Animal Production
22. Equine-assisted Therapy-III/Equine and Coaching/ Vegetable and Animal Production
23. Equine-assisted Therapy-IV/Equine and Coaching/ Vegetable and Animal Production
24. Nature Sports/ First Aid and Emergency Care/ Medical Services and Techniques
25. Environmental Politics
26. Ecological Psychology
27. Gastronomy and Sustainability
28. Environmental Chemistry
29. Environmental Policies and Legislation
30. Ecology
31. Ecological City
32. Water, Environment and Energy
33. Environmental Health Practices – I
34. Environmental Health Practices – II

The Sustainable Tourism Management Master's Program (Thesis and Non-Thesis), approved by the Council of Higher Education (YÖK) in the 2021-2022 academic year, started to accept students in the 2022-2023 academic year. The program was developed in cooperation with

the Global Sustainable Tourism Council (GSTC). The program covers all the important principles and issues that form the basis of sustainability practices in the global travel and tourism sector. Students who complete the course for the GSTC Criteria in the program are entitled to take the internationally valid GSTC Sustainable Tourism Professional Certificate (STTP). Apart from only one major state university in Turkey, these new programs are offered only at Cappadocia University.

6. ENVIRONMENTAL SUSTAINABILITY LEADERSHIP AWARD

First instituted in the latter part of the academic year of 2019-2020, the *Environmental Sustainability Leadership Award* was also implemented in the 2022-2023 period. The names of the award winners are announced and archived on the *Sustainable Cappadocia* website (<https://eko.kapadokya.edu.tr/odulu-kazananlar/>). The award aims to support the achievements of senior students who have demonstrated outstanding success in participating in environmental sustainability projects and conducting awareness-raising activities for the development of ecological awareness throughout their university education.

The purpose of this award is to encourage the education of competent and ecologically sensitive students who can propose sustainable solutions to the ecological crisis, which is one of the top priorities of the global agenda in our age.

Environmental sustainability studies include the projects, applications, and research on sustainable energy, pollution, waste management, animal rights, natural agriculture and production, food security, ecological architecture, ecological economy, sustainable cities, etc. Awareness-raising activities for the development of ecological awareness include activities and projects aimed at making the importance of these issues understandable in the context of the climate crisis, raising awareness with the support of various cultural tools, and promoting lifestyles and daily practices that are more compatible with the natural environment.

Senior students can apply for the Environmental Sustainability Leadership Award by documenting their activities on or off campus during their education period.

The award is given to one student annually in the amount of 3,000 TL for the 2022-2023 academic year.

Senior students who have contributed to environmental sustainability studies, creating ecological sensitivity and awareness, designing and conducting projects on the following issues during their education period can apply for this award:

- Participating in environmental sustainability studies conducted across the university
- Designing projects for environmental sustainability across the university and/or carrying out academic studies
- Organizing awareness-raising activities and/or projects to increase ecological sensitivity and awareness across the university
- Participating in the activities of non-governmental organizations working outside the university with a focus on environmental sustainability and ecological sensitivity
- Designing activities and projects focusing on developing environmental sustainability and ecological awareness outside the university

Required Application Documents:

An application letter in which the candidate explains why he or she deserves this award, expresses the effects and results of his or her environmental sustainability and ecological awareness activities, and talks about their future predictions in this field

Proof documents such as activity reports, activity documents, news, activity visuals etc. for each study in accordance with the specified criteria

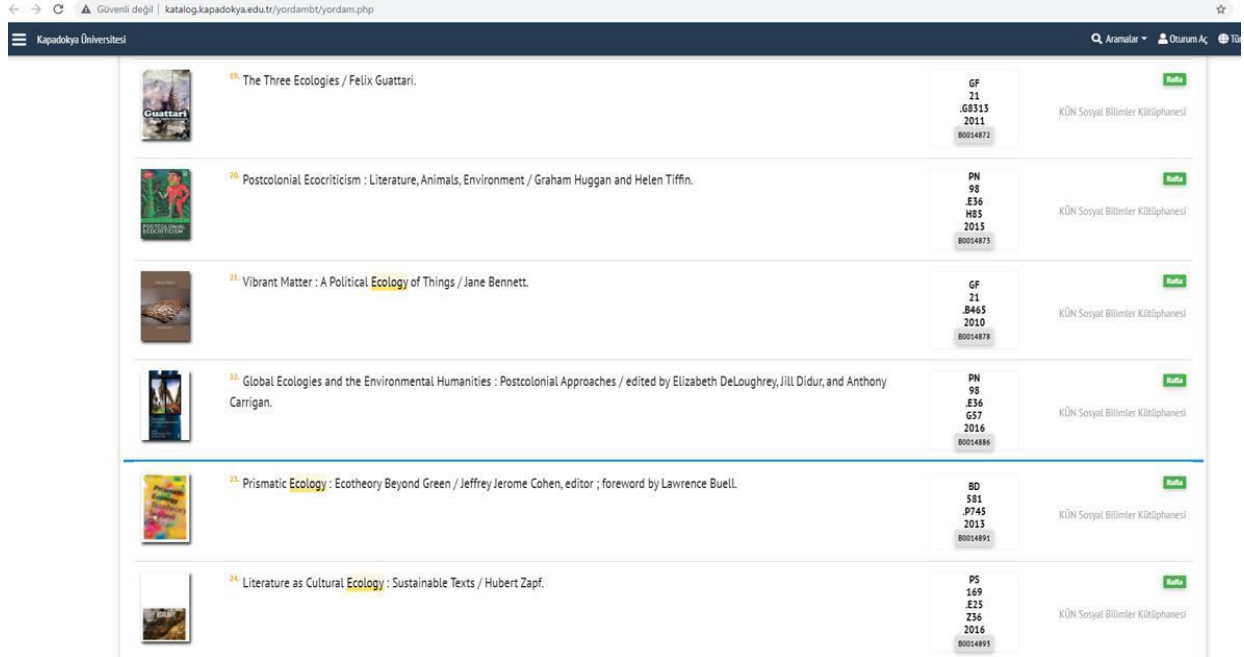
If requested, reference letters from the authorized persons of the activities carried out, from the instructors of the relevant courses, and from the consultants evaluating the performance of the candidate in this field.

In the academic year of 2022-2023, the title of “Sustainability Leader of the Year” and the award was granted to Mr. Halil İbrahim Şarlı, who was also a student at Cappadocia University Faculty of Humanities, Department of Turkish Language and Literature.

7. THE ENVIRONMENTAL HUMANITIES LIBRARY

As part of Cappadocia University’s commitment to sustainability-related research and knowledge production, the university administration has initiated a scheme in the 2019-2020 academic year for the establishment of an Environmental Humanities Library as a major research resource for scholars and students conducting research in this specific area. As of October 2021, the university’s library offers access to more than 640.000 print and online sources on “Ecology” including the electronic sources from databases.

As agreed with the donor during the reporting period, the EH Library at Cappadocia University will acquire about 5000-8000 print books over a period of 3 three years from an international donation. Once completed, the collection will be unique in Turkey and will be open for the use of scholars and students in Turkey.









	23. The Three Ecologies / Felix Guattari.	GF 21 .G8313 2011 B0014872	KÜN Sosyal Bilimler Kütüphanesi
	26. Postcolonial Ecocriticism : Literature, Animals, Environment / Graham Huggan and Helen Tiffin.	PN 98 .E36 H85 2015 B0014873	KÜN Sosyal Bilimler Kütüphanesi
	24. Vibrant Matter : A Political Ecology of Things / Jane Bennett.	GF 21 .B465 2010 B0014878	KÜN Sosyal Bilimler Kütüphanesi
	24. Global Ecologies and the Environmental Humanities : Postcolonial Approaches / edited by Elizabeth DeLoughrey, Jill Didur, and Anthony Carrigan.	PN 98 .E36 G57 2016 B0014886	KÜN Sosyal Bilimler Kütüphanesi
	24. Prismatic Ecology : Ecotheory Beyond Green / Jeffrey Jerome Cohen, editor ; foreword by Lawrence Buell.	BD 381 .P745 2013 B0014891	KÜN Sosyal Bilimler Kütüphanesi
	24. Literature as Cultural Ecology : Sustainable Texts / Hubert Zapf.	PS 169 .E25 Z36 2016 B0014893	KÜN Sosyal Bilimler Kütüphanesi

Fig. 4: Some of the books that are in the Environmental Humanities Library in 2022-2023

8. CAPPADOCIA SUSTAINABILITY CONVERSATIONS

Within the scope of the Cappadocia Sustainability Conversations series, which is a series of interviews broadcast live on Cappadocia University Youtube Channel and other social media accounts in order to raise awareness in the field of sustainability, the online interviews held with expert guests in the field in the 2022-2023 academic year are broadcast live and the recordings of the interviews have been added to the KÜN Sustainability playlist created within the Cappadocia University Youtube channel so that can be watched later. This list can be accessed at the address below:

https://www.youtube.com/playlist?list=PLD1BbRKpWk6E_P6gHCqMuHsivJT6s1XeT

The interviews held in the 2022-2023 academic year are below:

1. Slow Food Movement and Cappadocia, 19.10.2022
2. Energy Efficiency and Smart Systems in Buildings, 17.01.2023
3. Wetland Crisis and Flamingo Deaths in Salt Lake, 17.02.2023
4. Regenerative Innovation, 24.04.2023
5. Sustainable Urban Vision and Thinking of the City in Writing, 10.05.2023
6. Institutional Sustainability, 23.05.2023
7. If there are bees, there is tomorrow! 05.06.2023
8. Agroecology: Ecosystem-Friendly Agriculture 15.06.2023

9. SUSTAINABILITY-RELATED SOCIAL MEDIA CAMPAIGNS

Since late in the 2019-2020 academic year, the Sustainability Commission, in collaboration with the Public Relations department of the university, started implementing social media campaigns to keep important national and international dates on the agenda and thus to increase visibility of and awareness about sustainability-related issues. In the reporting period, these efforts continued, attracting growing interest and participation from inside and outside of the university.

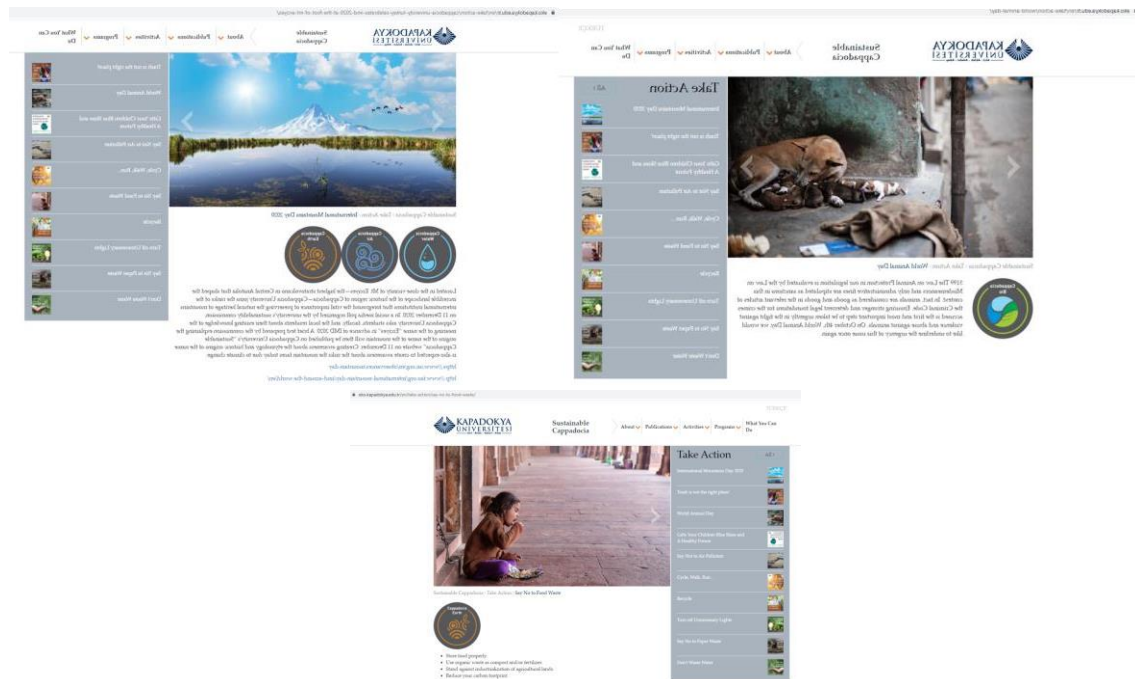


Fig. 5-7: Examples of the images and messages used in the social media campaigns in 2022-2023

10. CAPPADOCIA UNIVERSITY ENVIRONMENTAL HUMANITIES CENTER

In line with the institutional vision and targets of Cappadocia University, the first "Environmental Humanities Research Center" in Turkey was established on Mustafapaşa Campus in October 2018. [Environmental Humanities Center at Cappadocia University](#) aims to spread environmental awareness with ecologically oriented conferences, seminars, and workshops both regionally and internationally.

Environmental Humanities Center at Cappadocia University is a site where inter/trans/cross-disciplinary and international conversations will be reinforced through collaborations. The Center will seek to offer new perspectives to the entangled ecological urgencies and ethical and social problems surrounding our fragile planet. However diverse and multifarious they may be, these perspectives represent a common and flexible platform to work together to achieve desired ecological outcomes. We also promote studying education, art, and literature that are conducive to ecological sustainability. One of our objectives is to disseminate

environmentally just stories from both human and nonhuman perspectives. Stories are effective tools of resistance, and storying the world anew in environmentally just ways is as important as scientific efforts in finding palpable solutions to the planetary threat that we are all facing no matter where we live. And we all live in ecological uncertainties and have become what Donna Haraway calls “messmates” in the planet’s geomorphological processes and natural cycles. If the current epoch is called a human age—the Anthropocene—it is due to our collective detrimental activities. That is why, we need a new earth-story which can materialize with new imaginative and lexical vocabularies that take into account the still unheard voices of the disrupted nonhuman entities, which do not necessarily have to remain mute. We want to communicate a message of revaluing what we may lose, generating the creativity to imagine new accountabilities, more sustainable solutions, and also ethical responses.

Those interested in the environmental humanities perspectives on multispecies entanglements, human-nonhuman relations, biodiversity loss, global warming, Earth’s deep history, environmental transformations, changing micro and macroclimates, disrupted geobiochemical forces, and what it means to be human on a damaged planet, have found the right place here. Our Center encourages coalitions among the scholars in the humanities and the natural and social sciences.

The Center will provide:

- a platform for cooperation between the environmental humanities, arts, and sciences,
- integrate insights from multiple disciplines, and
- develop new theoretical approaches, knowledge practices, and narratives on human-nonhuman relations.

The Center aims:

- to conduct multidisciplinary research in cooperation with national and international environmental humanities centers, academic institutions, global networks, environmental organizations, and relevant private entities. (We will collaborate with international research groups encouraging transdisciplinary initiatives by academic and other stakeholders from the private and public sectors);
- to work toward maintaining the sustainability of more-than-human environments in global and local contexts;
- to ensure social and political awareness and acknowledgement of the biotic rights of all species;
- to promote environmental ethics and sustainability, as well as to develop transdisciplinary projects on climate justice, biodiversity justice, and eco-cultural justice issues.

The Center will work:

- to move the focus from finding technological solutions to complex ecological challenges amplified in the Anthropocene age to framing them within ecocultural frameworks, in

material-discursive contexts.

- work toward integrating environmental humanities programs in higher education and thus promote interdisciplinarity in Turkish universities. It will support interdisciplinary research projects, conferences, and publications.

Our conceptual model is Cappadocia's own ancient cultural heritage inseparable from its special geological history. We hope to make Environmental Humanities platform at Cappadocia University a center of attraction on the national and international fronts through cross-disciplinary collaboration. Located on the high plateau of central Anatolia in Turkey, Cappadocia is famous with the mushroom-like stones known as fairy chimneys, which are a result of a geologic process that began 30 million years ago when volcanic eruptions rained ash across Anatolia. The ash solidified into a porous rock, called tuff, and in the millions of years that followed, wind and water eroded the tuff into spires and cones. That is why, this is a magical landscape. In 1985 Cappadocia's Göreme National Park, the Rock Sites of Cappadocia, and the fascinating underground cities were declared a world heritage site by UNESCO.

Since its establishment, the Center has carried out the following activities:

1. International Conference on "Environmental Humanities in the Anthropocene Age", March 7-8, 2019
2. Seminar on "The History-Climate Change Nexus through a Collection of Environmental Driven Migration Cases", March 5, 2019
3. Exhibition, "Tao Canyon: In Silence and Wisdom Exists the Human Form in Nature, February 1, 2019
4. Seminar on "Environmental Humanities in the Anthropocene Age", November 6, 2018
5. Started an international scholarly publication named *Ecocene: Cappadocia Journal of Environmental Humanities*. As of June 2020, the inaugural issue was published. Journal website: <http://ecocene.kapadokya.edu.tr>
6. Hosted the [Humanities for the Environment Network](#) Anatolian Observatory Establishment Workshop on 27 March 2020.
7. Hosted the [UNESCO-MOST/BRIDGES Global Sustainability Coalition](#) Establishment Workshop, 6-7 June 2020.
8. In December 2020, the Center submitted the *Adaptation to Climate Change in the Tourism Sector of Cappadocia Project* to the Turkey's Ministry of Environment and Urban Planning for an EU funded scheme. The evaluation of the application is still in progress at the time of the preparation of this report.
9. In collaboration with Movies that Matter and UNDP, the Center hosted the Sustainable Living Film Festival in February 2021. For details, please see: <https://kapadokya.edu.tr/etkinlikler/surdurulebilir-yasam-film-gunleri>
10. In May 2021, the Center hosted the Inaugural General Assembly of the UNESCO-MOST/BRIDGES Global Sustainability Coalition, approved as a new UNESCO-MOST program in late March 2021. For details, please see:

- <https://kapadokya.edu.tr/etkinlikler/unesco-most-bridges-inaugural-general-assembly->
11. In May 2021, the Center hosted The First National Environmental Humanities Conference. For details, please see: <https://kapadokya.edu.tr/etkinlikler/1-ulusal-cevreci-beseri-bilimleri-konferansi->
 12. In May 2021, the Center hosted Prof. Dr. Scott Slovic of the University of Idaho as part of the Fulbright Specialist Program. For details, please see: <https://kapadokya.edu.tr/etkinlikler/ehsp-graduate-seminars>
 13. In June 2021, the Center began implementing the R&D project titled “Climate Crisis Awareness Database Project” with a budget provided by the Cappadocia University administration. As of the date of the writing of this report, the outputs of the project are almost ready to be published on the project website (<https://iklim.kapadokya.edu.tr> is the planned domain).
 14. In May 2022, the Center organized The Second International Environmental Humanities Conference: Critical Animal and Plant Studies. For details, please see: <https://ehc.kapadokya.edu.tr/international-conferences>.
 15. In July 2023, the Center organized the Second National Environmental Humanities Conference. For details, please see: <http://cbbkonferans.kapadokya.edu.tr/2023-2-evreci-beeri-bilimler-konferans/>

11. ECOCENE: CAPPADOCIA JOURNAL OF ENVIRONMENTAL HUMANITIES

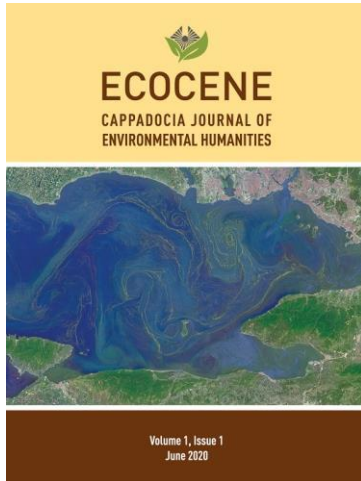


Fig. 8: Cover of the inaugural issue of *Ecocene*

Ecocene: Cappadocia Journal of Environmental Humanities is a digital, open-access, peer-reviewed, international, and transdisciplinary journal of the Environmental Humanities. It is a biannual journal, publishing a Winter issue in December and a Summer issue in June. It aims to develop new insights and theories about the current material and conceptual challenges in the field. Since the complexities and questions raised by ecological and social changes, as well as pressures from global climatic crises, demand interrelated re-workings of humanities disciplines and social and natural sciences, the journal invites submissions that transcend disciplinary categories, allowing us to rethink and reimagine the human-nonhuman relationalities on our

damaged planet to ensure a livable future. It will thus seek articles that move beyond species-centered parameters and contest anthropocentric conceptions of reality. Recognizing the relevance and value of deep time experiences of social, cultural and environmental changes, *Ecocene* addresses the present and future challenges facing our planet. The journal also invites new Anthropocene stories, poetry, artwork and other creative works that advance our cognitive, imaginative and ethical capabilities. The purpose of *Ecocene* therefore is to create a space for transdisciplinary research and new modes of knowledge in what Donna Haraway calls “collaborative” but also “competitive entanglements” of human-nonhuman worlds.

Having published its inaugural issue in June 2020, *Ecocene* features research articles by eminent interdisciplinary scholars from across the world. Some of these include:

Braidotti, Rosi. “[‘We’ May Be in This Together, but We Are Not All Human and We Are Not One and the Same.](#)” *Ecocene: Cappadocia Journal of Environmental Humanities*, 26-31, 2020.

Sagan, Dorion. “[‘Gaia versus the Anthropocene: Untimely Thoughts on the Current Eco-Catastrophe.’](#)” *Ecocene: Cappadocia Journal of Environmental Humanities*, 137-146, 2020.

Tedford, Margaret. 2020. “Dominion and Stewardship: Unpacking Environmental Consciousness in Some Old English Saints’ Lives.” *Ecocene: Cappadocia Journal of Environmental Humanities*, 1(2), 47-61.

Wamalwa, Kevin. 2021. “The Problem of (un)Belonging: Memory, Land Conflict, and Environmental Degradation in Mt. Elgon, Kenya.” *Ecocene: Cappadocia Journal of Environmental Humanities* 2(1),57-67.

Barrow, Barbara. 2022. “Ecology and Epiphany in Short Fiction by Zadie Smith and Joyce Carol Oates.” *Ecocene: Cappadocia Journal of Environmental Humanities*, 3(2), 123-34

Preparing to publish its Winter 2023 issue at the time of the preparation of this report, *Ecocene* is now an internationally recognized journal. In March 2022, *Ecocene* began to be indexed in MLA International Bibliography, and an application for indexing by Clarivate Analytics Web of Science indexes was filed in July 2022. For the latest issue of *Ecocene*, please visit: <https://ecocene.kapadokya.edu.tr/index.php/ecocene>

12. UNESCO-MOST/BRIDGES GLOBAL SUSTAINABILITY SCIENCE COALITION MEMBERSHIP

Cappadocia University, through its Environmental Humanities Center, is a key partner of UNESCO-MOST/BRIDGES Global Sustainability Science Coalition, which is an international and interdisciplinary initiative to promote sustainability science, chaired by UNESCO’s Management of Social Transformation (MOST) Program. The university participated to two



UNESCO-BRIDGES establishment workshops in 2018 as the sole representative invited from Turkey. (<https://en.unesco.org/events/workshop-toward-establishment-bridges-action-promote-sustainability-science>). In the 2019-2020 academic year, Cappadocia University hosted the UNESCO-MOST/BRIDGES Global Sustainability Coalition Establishment Workshop on 6-7 June 2020.

Upon the Coalition's formal approval by the Intergovernmental Council of UNESCO-MOST in late March 2021, Cappadocia University also hosted, as mentioned above, the Inaugural General Assembly of the UNESCO-MOST/BRIDGES Global Sustainability Coalition in May 2021.

In December 2017 exploratory discussions began among selected UNESCO sections, the International Council for Philosophy & Human Sciences (CIPSH), and various institutional and organizational partners active internationally in the sustainability domain¹ concerning the establishment of a global coalition on sustainability science. This initiative builds upon the refined sustainability science paradigm inaugurated in 2017 with the launch of UNESCO's Guidelines for Sustainability Science in Research and Education, which was the major output of the UNESCO-Japan/MEXT project "Broadening the Application of the Sustainability Science Approach" (2015-2017)². The coalition now envisaged would affiliate with UNESCO as a close but independent partner.

The coalition's approved name is **UNESCO-MOST/BRIDGES Global Sustainability Science Coalition**. The acronym *BRIDGES* stands for *Building Resilience in Defense of Global Environments and Societies*. The coalition is intended to foster and foreground new research, education and societal co-production initiatives harmonious with UNESCO's Guidelines for Sustainability Science in Research and Education. The ambition is to introduce exemplary transversal projects connecting the Humanities and Social Sciences disciplines with Natural Sciences, applied scientific fields and the Arts, while also enabling meaningful co-production between this broader and more inclusive configuration of academic actors and non-academic actors / stakeholders from society through co-designed case studies built on the renewed approach to sustainability science promoted in the Guidelines document. Pilot projects to be developed through the coalition will aim to demonstrate proof of concept of the UNESCO Guidelines for Sustainability Science in Research and Education and share good practice from different case studies internationally and at multiple scales: locally, nationally, regionally. In this sense BRIDGES is expected to work in parallel with other efforts by UNESCO to promote its new sustainability science guidelines in dialogue with UNESCO's Member States (Permanent Delegations and National Commissions) and other international partners.

The activities of BRIDGES, now working from a hub at Arizona State University, continued in the 2022-2023 reporting year with indirect contribution from Cappadocia University.

13. INTERNATIONAL NETWORKS MEMBERSHIP

The International Solar Energy Society

In line with the strategic plan performance metric “Implementing trainings and cooperating with national and international stakeholders working in order to disseminate knowledge about the importance of the use of renewable energy sources and to ensure their adoption by our students,” Cappadocia University has been a member of the Turkey Chapter of the International Solar Energy Society, GÜNDER (<https://www.gunder.org.tr/uyelik/universite-ve-liseler/>). GÜNDER continues its activities with the aims of developing science and technology in the application of solar energy, encouraging basic and applied research and development on solar energy, disseminating the use of solar energy and encouraging education in the fields related to solar energy. As an example of the implementation of this practice, on roofs of the dormitories in Mustafapaşa Campus, a solar PV power station is installed within the strategic plan of the university “to contribute to the protection of the ecosystem through the effective use of renewable energy solutions and to set an example for the environment.” As another good practice, in all buildings of the university LED lighting is used. Cappadocia University intends to realize further energy savings by paying close attention to energy management.

Humanities for the Environment (HfE) Network

The Humanities for the Environment is a global initiative of regional Observatories that aim to bring out how the humanities may contribute to pro-environmental behaviour. The Network conducts global projects at eight research observatories (i.e. European Observatory, North American Observatory, Circumpolar Observatory, etc).

Cappadocia University continued to work with the HfE network during the 2019-2020 and 2020-2021 academic years toward the establishment of an Anatolian Observatory based in Cappadocia University’s Environmental Humanities Center. Accordingly, Humanities for the Environment Network Anatolian Observatory Establishment Workshop on 27 March 2020 with the participation of interdisciplinary scholars from different universities in Turkey.

As a new international network membership in 2021-2022, Cappadocia University has partnered with the Slow Food organization through the low Food Cappadocia Sustainable Gastronomy and Tourism Alliance (<https://terramadoreanatolia.com/en/slow-food-birlikleri-2/>). Yet another new development in this context has been the membership to Global Sustainable Tourism Council (GSTC) and authorization by GSTC as the only institution in Turkey entitled to offer sectoral trainings on sustainable tourism.

For further details of the Partners and Stakeholders, please visit the page on *SustainableCappadocia* Website: <https://eko.kapadokya.edu.tr/en/partners-and-stakeholders/>

Higher Education Sustainability Initiative Network – HESI

In July 2023, Cappadocia University joined the United Nations Higher Education Sustainability Initiative Network (HESI), established to enhance the role of higher education in supporting sustainable development. The HESI community, which has 780 members and aims to increase cooperation among higher education institutions on sustainability, provides a multi-stakeholder dialogue and implementation platform. Consisting of higher education institutions, universities and student organizations, and led by the United Nations Department of Economic and Social Affairs and the Sulitest Association, HESI's other collaborators include UNESCO, UN Environment Programme, UN Global Compact Responsible Management Education Initiative, UN University, UN-HABITAT, UNCTAD, UNITAR, UN Office for Partnerships and UN Academic Impact.

Through its annual Global Forum, HESI addresses the importance of higher education in the context of the UN 2030 Agenda for Sustainable Development, while member institutions of the United Nations Higher Education Sustainability Initiative Network can participate in action groups, online seminars and events focusing on issues related to sustainable development and higher education. More information about HESI and member organizations can be found at <https://sdgs.un.org/HESI>.

14. UI GREENMETRIC WORLD UNIVERSITY RANKING

As a higher education institution prioritizing environmental sustainability from the beginning of its establishment, KÜN is committed also to becoming a member of the international collegiate community with similar priorities. Hence, in October 2019 the university administration formally applied for participation to the [UIGreenmetric World University Ranking](#).

In UI GreenMetric 2019 rankings, Cappadocia University was ranked 4th among Turkish foundation universities in the overall ranking; 7th in “Education and Research” and 18th in the overall ranking among all Turkish universities. In the world rankings of 2019, our university was ranked 392nd among the 780 UI GreenMetric universities and was granted a certificate.

Aware of the importance of international collegiate collaboration and knowledge sharing on a global level, Cappadocia University further improved and systematized its sustainability-related practices during the 2021-2022 and 2022-2023 academic years.

In UI 2020 rankings, Cappadocia University, with an improved performance as compared to previous year, was ranked 4th among Turkish foundation universities in the overall ranking and 16th in the overall ranking among all participating Turkish universities. In the world rankings of 2020, our university was ranked 321st among the 912 UI GreenMetric universities and was granted a certificate.

An online event, “UI Greenmetric and Sustainability at Cappadocia University” was also held on 14 June 2021 to introduce the ranking systems to a greater number of students and faculty and to invite them to the activities of Sustainable Cappadocia that are aligned with this

ranking system. For details of the event, please see <https://kapadokya.edu.tr/etkinlikler/ui-greenmetric-siralamasi-ve-kun-surdurulebilirlik>.

In UI 2021 rankings, Cappadocia University was ranked 6th among Turkish foundation universities in the overall ranking and 30th in the overall ranking among all participating Turkish universities. In the world rankings of 2021, our university was ranked 407th among the 916 UI GreenMetric universities and was granted a certificate.

In the UI 2022 ranking, Cappadocia University ranked 6th in the overall ranking among Turkish foundation universities, while maintaining its 30th place in the overall ranking among all participating Turkish universities, which increased from 71 to 83 in number. In the world ranking of 2022, our university ranked 352nd among 1050 UI GreenMetric universities and was awarded a certificate.

15. ENVIRONMENTAL SUSTAINABILITY IN RESEARCH AND DEVELOPMENT

As part of Cappadocia University's Research and Development (R&D) efforts, twelve new academic research projects (to be compared with seven projects in the 2020-2021 period, and thirty-one projects in the 2021-2022 period) related to environmental sustainability were supported in the academic year of 2022-2023.

1. Climate Crisis Awareness Resources Database Project

Project Manager: Dr. Ekin Gündüz Özdemirci

Start Date: 07.06.2021

Project Duration: 18 months

Link: <https://bap.kapadokya.edu.tr/projeler/iklim-krizi-farkindaligi-veri-tabani-projesi>

Abstract: Even though the verbal and visual resources that offer reliable information presented in attractive and plain language so as to make the phenomenon of climate crisis accessible and easy to understand on the part of different segments of societies abound, the availability and accessibility of these resources in Turkish, and more importantly, the versions of these resources that are based on local data and examples from Turkey are very limited. To address these needs, the Climate Crisis Awareness Resources Database Project aims, firstly, to create a comprehensive database by way of bringing together verbal, visual, and audial resources that explain the reasons and consequences of climate crisis, future projections, suggestions for problem-solving, and existing practices toward the solution and making them accessible in the Turkish language. Secondly, the Project also aims to create easy-to-use resources such as infographics based on local data and examples and offer them in the database. The database will be available on a project website which will be updated and sustained during the potential next stages of the project work. The materials created during the project will not only be available on the project website, but will also be proposed to Cappadocia University Publications to be published as a print catalogue and an open access e-book.

2. Agriculture Implementation with Unmanned Air Vehicle (UAV)

Project Manager: Dr. Rıfat Benveniste

Start Date: 01.03.2019

Project Duration: 36 months

Link: <https://bap.kapadokya.edu.tr/projeler/insansiz-hava-araci-ile-tarimsal-uygulamalar>

Abstract: The agricultural sector contributes to the feeding of the population of the country, increasing the employment, self-sufficiency of our country, meeting the raw material needs of the industrial sector and transferring capital to the industry. Due to these contributions, the agricultural sector is very important for our social development and economic development. Since the production in the agricultural sector depends on the nature conditions, the uncertainty in production quantity, quality and efficiency is very high. The production periods of agricultural products are longer than other sectors and they are concentrated in certain times. Due to these uncertainties; it is very important to reduce the effect of natural factors in production and to fight plant diseases and pests quickly and effectively.

3. Synthesis and Characterization of New Ecofriendly Materials*

Project Manager: Prof. Dr. Baki Hazer

Start Date: 19.10.2020

Project Duration: 36 months

Link: <https://bap.kapadokya.edu.tr/projeler/cevreye-uyumlu-yeni-malzemelerin-sentezi-ve-karakterizasyonu>

Abstract: In this research project, new ecofriendly polymers based on biodegradable and natural polymers will be prepared. Autoxidation is a reaction between vegetable oils and air oxygen and causes rancidity of the unsaturated oils. The synthesis of novel tannin-functionalized polypropylene copolymers will be designed to inhibit the oxidation of vegetable oils for potential use as packaging materials. For this purpose, chlorinated polypropylene will be reacted with tannic acid to prepare a series of tannic acid grafted copolymers. Autoxidation of the vegetable oil (ca. linseed oil, linoleic acid) on the new obtained graft copolymer films will be compared with that of the glass petri dish. Oxidation will cause the oligomerization and viscosity will increase. Then the flow times of oxidized vegetable oil will be measured using a capillary viscometer. Additionally, new menthol, salicylic acid and some alkaloid grafted polypropylene and/or polyvinyl chloride copolymers will be synthesized in order to study antioxidant effect. Furthermore, new biodegradable packaging materials will be synthesized from natural polyesters and characterized via physicochemical, optical and mechanical techniques.

4. Improving Hospital Menus and Reducing Food Waste

Project Manager: Prof. Dr. Vesile Şenol

Start Date: 15.10.2020

Project Duration: 36 months

Link: <https://bap.kapadokya.edu.tr/projeler/hastane-menulerinin-iyilestirilmesi-ve-yemek-israfinin-azaltılması>

Abstract: Catering is the art of providing food and beverage services to people who work collectively or in places where elderly people, patients and children. Adequate and balanced nutrition in accordance with gender, age and physical activity of the individual is the most important factor which affects physical, emotional and social development. Medical nutrition treatment plays a major role in the therapy of oncology. Ideal medical nutrition therapy is very important for the patient to feel good and contribute to the healing process before, during and after treatment. Adequate and balanced nutrition of oncologic patients is really difficult because of cancer and cancer related complications such as hypogeusia, dysgeusia and agezi. As a result, the patient may be malnourished and the patient may become vulnerable to treatment and infections because of malnutrition. Therefore, adequate and balanced nutrition of the patient during cancer treatment is very important in terms of the desired response to treatment. Food waste is one of the most important problems faced by many catering organizations. It is known that nutrients suffer significant losses throughout the production chain and that about 1/3 of the produced foods are wasted without being consumed. If catering service is not suitable for consumers, food waste increases and the consumers can't get enough sufficient energy and nutrient intake. The aim of this study is to contribute to the adequate and balanced nutrition of patients by improving hospital meals suitable for consumption of pediatric oncology patients and reducing food waste.

5. Reliable Energy Generation Project with High Energy Efficiency and Low Emission Values By Taking Advantage of The Rock Space Heat Potential of The Cappadocia Region.

Project Manager: Prof. Dr. Rıfat Yıldız

Start Date: 07.06.2021

Project Duration: 18 months

Link: <https://bap.kapadokya.edu.tr/projeler/kapadokya-bolgesi-kaya-mekan-isi-potansiyelinden-faydalanarak-enerji-verimlilik-yuksektusuk-emisyon-degerlerine-sahip-guvenilir-enerji-uretimi-projesi>

Abstract: The heat pump is a system that carries the energy in nature (soil, air or water) into the building as heat by consuming very little energy or cools the building by doing the opposite. The energy consumption remains very low compared to the energy received. For 1 kW energy expenditure, 4-6 times more energy can be obtained according to the source used. Heat pumps are systems that work with the principle of heating the environment by taking the heat of 3 different environments (air, water and soil) and taking advantage of the

fact that these 3 environments have higher temperatures than the outside air temperature. The aim of this study is to reveal that in addition to these 3 sources, rock spaces can also be used as a heat source by making use of the fact that rock spaces are much hotter in summer and winter than outside. For example, a ground source heat pump can be made by taking the energy from the ground; Air Source is the application of the use of energy in the air. The biggest difference is that the COP value of the air source heat pump changes with the weather conditions. Therefore, energy efficiency analysis should be done very well. Today's air source heat pumps can operate even at -20°C but operating at -20°C for a long time may cause excessive energy consumption. They do not affect annual energy consumption in short-term reductions. The capacities of air source heat pumps decrease as the air temperature decreases. In other words, the minimum air temperature should be taken as a basis in the selection. In the project, the effect of a heat pump outdoor unit to be placed in a rock-hewn space will be measured compared to a heat pump outdoor unit to be placed in an outdoor space (Figure 1). By making use of the heat holding ability of the rock structure, the heating time of a certain volume, the heating/cooling cost and the carbon monoxide level produced will present the project outputs concretely. According to the report of the Energy Efficiency Council [EEC [(2021)], it is stated that the heat pump can produce 10-15 times more energy than the energy consumed by the compressor that draws the most power in the system. Today, this rate is 6 times in heat pumps used in homes. If this energy is produced from renewable energy sources, energy efficiency can decrease at much higher rates (Alan Pears and Geoff Andrews, 2016).

6. Reducing Waste by Increasing Taste Project

Project Manager: Prof. Dr. Vesile Şenol

Start Date: 30.11.2020

Project Duration: 18 months

Link: <https://bap.kapadokya.edu.tr/projeler/lezzeti-arttirarak-israfi-azaltalim-projesi>

Abstract: Although there is enough food produced for everyone in the world, approximately 25 thousand people die every day due to hunger and hunger-related causes. In our country, 14.5 million food items are thrown away every year. This loss can be reduced by preventing food waste through various activities. However, it is much more important to be able to do this in our schools, universities, training centers. In this direction; In the project, it is aimed to reduce and prevent food waste in the Cappadocia University Central cafeteria. In the project, which will consist of four stages, the current situation (daily, monthly waste amount) will be analyzed first. In the second stage, awareness activities will be carried out in food service areas with questionnaires, brochures and visuals to prevent food waste. With the analysis of the current situation, improvement studies will be carried out in food recipes to prevent food waste. In the third stage, the recipes prepared with improvement suggestions will be prepared and presented in the central cafeteria. At this stage, the amount of waste will be determined. The results will be concretized by comparing the obtained data. In the fourth stage, if food waste still occurs, compost production will be carried out on a pilot scale.

7. Adaptation of the Exchangees to Sinasos: A Comparison of Generations

Project Manager: Prof. Rıfat Yıldız

Start Date: 05.04.2021

Project Duration: 12 months

Link: <https://bap.kapadokya.edu.tr/projeler/mubadillerin-sinasosa-uyumu-kusaklarin-karsilastirilmesi>

Abstract: The present Project subjects the Lausanne exchangees* who were settled in Sinasos Village of Nevşehir Province of Turkey (currently Mustafapaşa) after migrated from the Jerveni Village (currently Agios) of the Kastoria Province of Greece (currently Kastoria). This subject is significant since displaced group of people differ from host societies in terms of ethnicity, language, custom and traditions although homogenous nation state was targeted to be created with Lausanne Convention*. In this sense, present Project investigate the questions as follows: how the exchangees have transformed from the time they were first settled in Mustafapaşa to the present, what kind of difficulties the exchangees faced in the process of adaptation to village life, and whether the culture and identity of exchangees continues today. These issues are brought to the agenda with the circle of the research question: "Is the identity of exchangees, which emerged within the scope of the 1923 Lausanne Convention, kept alive today by the exchangees?"

The hypothesis of the present Project is that the exchangees who migrated from Jerveni to Mustafapaşa keep alive their identity by transferring their culture to generations. The correctness or falsification of this hypothesis will be tested through a fieldwork study.

The scope of the field work will be composed of individual and focus group interviews to be held during the project with the sample selected from the exchangees living in Mustafapaşa Village.

When the Project is completed, by comparing generations, it will be revealed whether the exchangees and host society, who alienated from each other due to living in diverse regions although they were Ottomans, evolve from the alienation process to the harmonization process. Thanks to the present project, it will be clarified whether the identity of the exchange is protected or not.

*Lausanne exchangees refers to “Lozan mübadilleri.”

*It is also called as “the Convention Concerning the Population Exchange between Greece and Turkey.”

8. Investigation of SARS-COV 2 Seroprevalence in Young Individuals

Project Manager: Dr. Rukiye Yalap

Start Date: 30.11.2020

Project Duration: 12 months

Link: <https://bap.kapadokya.edu.tr/projeler/genc-bireylerde-sars-cov2-seroprevalansinin->

arastirilmasi-projesi

Abstract: The SARS-Cov2 virus, which has affected the whole world, has infected nearly three million people so far, while two hundred thousand of these cases have died. Although it is accepted that the groups most affected by the pandemic are individuals over the age of 65 and with chronic diseases, it is known that infection occurs among adolescents and even children and there are significant differences in the course of individuals according to their immune system. More than half of the individuals infected with Covid-19 have the disease; It has been reported to be transmitted from asymptomatic carriers or patients in the pre-symptomatic stage.

Detection of seropositivity in young individuals will make an important contribution to epidemiological data in that region. That is, the detection of IgM positive individuals in the young age group who had the disease without showing any symptoms, and by providing the chance of isolation in the period when the contagiousness of the disease is highest, preventing social transmission can be provided.

In this study, it was aimed to determine the SARS-Cov2 IgM and IgG seropositivity in the young age group, and how seropositive individuals underwent the disease process, their level of knowledge about compliance with the measures and protection. The main reason for the rapid spread of the virus around the world is that people who do not show symptoms do not comply with isolation practices. With the survey study, information about the approaches, knowledge levels and attitudes of young people, who are the most important group among the silent carriers, will be obtained and the carrier level will be determined with the antibody test to be made simultaneously with the questionnaire.

9. GastroCappadocia

Project Manager: Dr. Ezgi Demir Özer

Start Date: 07.06.2021

Project Duration: 18 months

Link: <https://bap.kapadokya.edu.tr/projeler/gastrokapadokya>

Abstract: Cappadocia region is one of the most important tourism centers of Central Anatolia, known for its rich natural and historical beauties. However, it has a low level of awareness with gastronomy. In many studies, it has been stated that tourists coming to a destination spend the most on gastronomy. Considering the tourism activity of the region; discovering, promoting and explaining of local foods will contribute to the recognition of the region. The website enriched with visuals that can accurately transmit the data for people who will come to the region will be an important source of information. In the project designed with this aim, rich cuisine, food and beverage establishments, and local products of the provinces of the Cappadocia region will be searched and promoted via the website.

10. The Effect of Balance Training on Quality of Life in Those Who Have Survived COVID-19: The Case of Cappadocia University

Project Manager: Lecturer Kadirhan Doğan

Start Date: 07.06.2021

Project Duration: 12 months

Link: <https://bap.kapadokya.edu.tr/projeler/covid-19-gecirenlerde-denge-egitiminyasam-kalitesine-etkisi-kapadokya-universitesi-ornegi>

Abstract: COVID-19 is a pandemic disease that pushes the whole world to quarantine (1). The decrease in routine physical activities in daily life, such as not going out due to fear of pandemic, reduction in commuting due to working from home, and closing of gyms, increased the number of sedentary individuals (2). Many studies have proven that sedentary life has negative consequences on the musculoskeletal and nervous system (3-5). Coordinated work of the musculoskeletal and nervous systems is essential for body balance (6). Since the COVID-19 pandemic negatively affects these two systems, it is possible that it will also affect the body balance. Our hypothesis is that the COVID-19 pandemic has negatively affected body balance. Cappadocia University students who have suffered from COVID-19 will participate in this project. In the project, 2 groups of 15 people will be formed randomly. The balance of the students who filled out the Information and Consent Form will be checked with the "Y" balance test after obtaining the information about age, gender, COVID-19 passing date, etc. Short Form-36 will be used to measure the quality of life. Balance training developed by the researchers will be given to the experiment group for 3 weeks, while the control group will not be trained. At the end of the process, balance with Y test and quality of life with Short Form-36 will be measured and compared with before.

11. Comparison of the Effects of Different Exercise Trainings on the Cardiovascular System in Patients with COVID-19

Project Manager: Lecturer Deniz Tuğyan Ayhan

Start Date: 05.07.2021

Project Duration: 12 months

Abstract: Covid-19 is a pandemic disease that has ended from SARS-COV2 and has become a familiar public health (1). The most common symptoms of the disease are fever, myalgia, headache, cough and dyspnea. In the staging method used in the diagnosis and treatment of Covid-19 patients; of stage 1; primarily targeting the respiratory system, in stage 2; It has been reported that lung involvement is observed and more serious problems such as respiratory failure and cardiopulmonary collapse develop in stage 3. Regardless of its stage, Covid-19 has a negative effect on the respiratory system. The effect of exercise on the cardiovascular system has been studied in diseases such as COPD and asthma. Commonly practiced exercises; endurance (endurance or aerobic) or strengthening (resistance) exercises (6). In endurance exercises, the increase in muscle capillarization and myoglobin facilitates oxygen distribution (7) Endurance exercises are exercises such as

running and cycling, where large muscle groups are exercised. Work at moderate intensity for at least 6 weeks, 3-5 days a week for at least 20-30 minutes (8). Muscle hypertrophy occurs with strengthening exercises and increases the oxidative capacity of the muscle (9). Strengthening exercises have an effect not only on the muscle being strengthened but also on general health (7, 10). Our aim in the project is to determine which exercise training will be effective in the patient group with Covid-19. Thus, post Covid-19 patients will be able to apply the right exercise in a short time and get rid of respiratory system problems caused by Covid-19 more quickly. Cappadocia University students who have had Covid-19 will participate in this project. In the project,

2 groups of 10 people will be randomly formed. Students who fill out the Information and Consent Form will be given endurance exercises to one group and strengthening exercises to another group, and they will be asked to do the exercises for 6 weeks, after information such as age, gender, Covid-19 transmission date, etc. Before and after the training, body composition (Tanita BC 601), blood pressure (Omron sphygmomanometer), mean arterial blood pressure (manual with formula), oxygen saturation and pulse values (OLED pulse oximetry) will be measured and the results will be recorded.

12. Çatalhöyük Thematic Year

Project Manager: Dr. Halil Burak Sakal

Start Date: 01.11.2021

Project Duration: 3 months

Link: <https://bap.kapadokya.edu.tr/projeler/catalhoyuk-tematik-yili-projesi>

Abstract: In line with the Turkey 2023 Tourism Master Plan prepared within the framework of the Eleventh Development Plan and Development Plan, in order to increase Konya's share of the growing Turkish tourism cake and to offer a different and sustainable destination to the future visitors, Cappadocia University Social and Strategic Studies Application and As a result of the project carried out by the Research Center, Konya 2025 Tourism Master Plan was prepared and shared with the public. For this purpose, Çatalhöyük, which is the main source of the world neolithic theory and has a special place in Anatolian and World archeology with its unique feature in many respects, has been declared as the 2022 Thematic Year, with suitable accommodation and accessibility infrastructure, on the 10th anniversary of its inclusion on the UNESCO World Heritage List. Konya is important in terms of contribution to tourism. The fact that Çatalhöyük was announced as the theme of the year in Turkey for the first time within the scope of this project expresses the original value of the project.

13. Balıkesir 2023 Tourism Development Roadmap

Project Manager: Dr. Halil Burak Sakal

Start Date: 01.05.2022

Project Duration: 6 months

Abstract: This project was carried out with a joint working group formed by Balıkesir Provincial Directorate of Culture and Tourism, Ministry of Culture and Tourism, Turkish

Tourism Promotion and Development Agency and Cappadocia University. The outputs of the project are the preparation of the "Balıkesir Tourism Road Map" document, which includes the targets set for Balıkesir tourism in many areas, especially the number of tourists and tourism income, and the strategies to be followed in achieving these goals, and the presentation of this document and the delivery of the document ready for printing. In the Balıkesir Tourism Roadmap document, a general analysis of Balıkesir tourism is made and suggestions for increasing the number of tourists and income. In addition, the document includes the main policies showing how to reach the tourist number and income targets and the sub-targets related to these policies.

14. Çanakkale 2023 Tourism Development Roadmap

Project Manager: Dr. Halil Burak Sakal

Start Date: 01.05.2022

Project Duration: 6 months

Abstract: This project was carried out with a joint working group formed by Çanakkale Provincial Directorate of Culture and Tourism, Ministry of Culture and Tourism, Turkish Tourism Promotion and Development Agency and Cappadocia University. The outputs of the project are the preparation of the "Çanakkale Tourism Road Map" document, which includes the targets set for Çanakkale tourism in many areas, especially the number of tourists and tourism income, and the strategies to be followed in reaching these targets, and the presentation of this document and the delivery of the document ready for printing. In the Çanakkale Tourism Roadmap document, a general analysis of Çanakkale tourism is made and suggestions for increasing the number of tourists and income. In addition, the document includes the main policies showing how to reach the tourist number and income targets and the sub-targets related to these policies.

15. Signboardation and Promotion of Mustafapaşa

Project Manager: Dr. Leila Akbarishahabi

Start Date: 01.03.2021

Project Duration: 12 months

Link: <https://bap.kapadokya.edu.tr/projeler/mustafapasanin-tabelalandirilmesi-ve-tanitimi-projesi>

Abstract: Mustafapaşa, one of the Cappadocia campuses of Cappadocia University, connected to Ürgüp, is a village built on the fringes of five valleys and containing historical buildings that exhibit a very suitable texture for the environment. The vast majority of the historical buildings in the village are those that were built until the population change in 1924-26. The residential texture of Mustafapaşa offers a unique architectural richness in terms of both superior workmanship and detail quality, topography and climate-compatible construction (which is the source of the ecological design), and highly diversified plan-facade setup.

16. KÜN Campus Project

Project Manager: Dr. Leila Akbarishahabi

Start Date: 05.07.2021

Project Duration: 6 months

Link: <https://bap.kapadokya.edu.tr/projeler/kun-yerleske-projesi>

Abstract: The goal of the project; Carrying out scientific research on the buildings in the campuses of Cappadocia University, which are of great importance in terms of their historical and architectural features, understanding how they have moved from history to the present by revealing their past, creating and finding images of these buildings showing their old and present situations, and finally, the main features of these structures. It is the dissemination of the knowledge gained by establishing a website of which it is the core. These activities to be carried out within the scope of the project will ultimately create awareness about these structures. Cappadocia University students and staff will act more consciously to transfer these structures to future generations.

17. Muğla 2023 Tourism Development Roadmap

Project Manager: Dr. Halil Burak Sakal

Start Date: 01.06.2022

Project Duration: 6 months

Abstract: This project was carried out with a joint working group formed by Muğla Provincial Directorate of Culture and Tourism, Ministry of Culture and Tourism, Turkish Tourism Promotion and Development Agency and Cappadocia University. The outputs of the project are the preparation of the document named "Muğla Tourism Promotion and Development Roadmap", which includes the targets determined in many areas, especially the number of tourists and tourism income for Muğla tourism, and the strategies to be followed in reaching these targets, and the presentation of this document, and the document is delivered ready for printing. . In the Muğla Tourism Promotion and Development Roadmap document, a general analysis of Muğla tourism is made and suggestions for increasing the number of tourists and income. In addition, the document includes the main policies showing how to reach the tourist number and income targets and the sub-targets related to these policies.

18. Tourism Integration Project of Cappadocia and Erciyes Destinations

Project Manager: Dr. Duygu Bora

Start Date: 07.06.2021

Project Duration: 12 months

Link: <https://bap.kapadokya.edu.tr/projeler/kapadokya-ve-erciyes-destinasyonlarinin-turizm-entegrasyonu-projesi>

Abstract: Tourism destinations are accessible destinations that offer natural, cultural, economic and psychological attractions to the tourist consumer, create goods and services through tourism enterprises, and increase their recognition with activities (Kozak et al.,

2014). The rapid change in the demands, expectations and habits of today's tourists has increased the competition between destinations, in this environment, destinations have had to create competitive advantages in order to continue their development and exist in the future. With the Cappadocia and Erciyes tourism integration project, it is aimed to give both destinations a competitive advantage and to offer a holistic travel experience in line with the demands and expectations of tourists. A holistic approach involving all stakeholders is important for the development of a destination. This approach requires paying attention to each unit operating in the destination, as well as attaching importance to the relationships and interactions between units, within the destination and between destinations (Akbaba, 2012). In order to realize these requirements, it is planned to organize a workshop with all stakeholders of Cappadocia and Erciyes tourism destinations within the scope of the project, and to evaluate the issue of destination integration in the workshop. It is planned to prepare an evaluation report in line with the decisions to be made at the end of the workshop. In line with the evaluation report, it is

aimed to organize an international tourism conference. With this conference, it is thought that Cappadocia and Erciyes destination integration can be promoted internationally.

19. A Common Horizon for Humanity and the Planet

Project Manager: Prof. Dr. Hasan Ali Karasar

Start Date: 17.07.2021

Project Duration: 20 months

Link: <https://commonhorizon.kapadokya.edu.tr/en/>

Abstract: The world is passing through an extremely troubled period in its history, with a seemingly new challenge encountered at every turn. Serious economic, social, cultural, environmental and political crises at a global level are exacerbated by those being felt in individual countries. The challenges we are facing take a variety of forms, from financial collapses to climate change, from international terrorism to regional conflicts, and from the refugee problem to xenophobia.

20. Comparison of SARS-CoV2 Antibody Response with LFIA and ELISA Methods

Project Manager: Dr. Rukiye Yalap

Start Date: 05.04.2021

Project Duration: 12 months

Link: <https://bap.kapadokya.edu.tr/projeler/sars-cov2-antikor-yanitinin-lfia-ve-elisa-yontemleriyle-karsilastirilmesi>

Abstract: Coronaviruses are RNA viruses that cause disease in the upper and lower respiratory tract in humans and animals. A new coronavirus causing pneumonia was detected in Wuhan, China, in December 2019. Shortly after, the virus was defined as "severe acute respiratory syndrome coronavirus-2" and the World Health Organization named the disease "coronavirus disease-2019 (COVID-19)". (Mousavizadeh, L; Ghasemi, S, 2020). While 2.5 million people have died in the world due to the Covid-19 pandemic so far, approximately 116 million people have been infected with the virus (WHO, 2021).

Many studies have been conducted on the effectiveness of PCR and rapid antigen tests for detecting the virus in the early periods of the pandemic (Chen,2020). The antibody response that develops in healed patients has become an important research subject, especially after the first wave of the pandemic.

21. Sustainable Travel Index Analysis

Project Manager: Dr. Halil Burak Sakal

Start Date: 01.09.2021

Project Duration: 6 months

Abstract: Euromonitor International published the Sustainable Travel Index in 2021. Turkey ranks 66th among 99 countries in this index. Within the framework of Turkey's long-term strategies, it is necessary to be at the top of the index in terms of increasing tourism revenues, ensuring sustainability in tourism and gaining competitive advantage. In this context, the research questions planned to be answered in the project are as follows.

22. İstanbul 2023 Tourism Development Roadmap

Project Manager: Dr. Halil Burak Sakal

Start Date: 01.06.2022

Project Duration: 4 months

Link: <https://bap.kapadokya.edu.tr/projeler/istanbul-2023-turizm-gelisim-yol-haritasi->

Abstract: This project was carried out with a joint working group formed by Istanbul Provincial Directorate of Culture and Tourism, Ministry of Culture and Tourism, Turkish Tourism Promotion and Development Agency and Cappadocia University. The outputs of the project are the preparation of the "Istanbul Tourism Roadmap" document, which includes the targets set for Istanbul tourism in many areas, especially the number of tourists and tourism income, and the strategies to be followed in achieving these goals, and the presentation of this document and the delivery of the document ready for printing. In the Istanbul Tourism Roadmap document, a general analysis of Istanbul tourism is made and suggestions for increasing the number of tourists and income. In addition, the document includes the main policies showing how to reach the tourist number and income targets and the sub-targets related to these policies.

23. SusRAT - Sustainable Capacity Development for Rural and Authentic Tourism

Project Manager: Dr. Halil Burak Sakal

Start Date: 01.02.2022

Project Duration: 3 months

Abstract: The main aim of the SusRAT project is to increase the awareness and develop the capacity of the selected SMEs in the rural and authentic tourism sector in order to improve their environmental, financial and cultural sustainability as regards to-be-defined KPIs (such as annual revenue, profit, employment, carbon footprint, etc.). The objectives of SusRAT can be summarized as inclusion of at least 80 SMEs from at least 3 countries (at least 20 SMEs per relevant country) to the project; to increase the capabilities in such a manner that

at least 80% of SMEs shall achieve ISO 14001, and 50% of them to achieve EMAS certification.

24. Turkey Sustainable Tourism Standards

Project Manager: Dr. Halil Burak Sakal

Start Date: 01.03.2022

Project Duration: 24 months

Abstract: Turkey aims to increase tourism revenues by taking into account the balance of protection-utilization of tourism supply resources by coming to the fore in sustainability, which is one of the important elements of international competition in tourism:

- What is the relationship between sustainable tourism and tourism competitiveness?
- Which indicators should be considered for sustainable tourism management?
- Which criteria should be adopted on the basis of the accommodation sector related to sustainable tourism?

With this project, Cappadocia University Social and Strategic Studies Application and Research Center, Global Sustainable Tourism Council (GSTC), Turkey Tourism Promotion and Development Agency (TGA) and the Ministry of Culture and Tourism in cooperation with the determination of the international sustainable tourism criteria and standards of our country and this project. It aims to recognize the standards by international organizations. This project aims to contribute to the international competitiveness of Turkish tourism within the framework of public-private sector and academic cooperation in the field of sustainability in tourism.

25. Updating the Turkey Tourism Master Plan

Project Manager: Dr. Halil Burak Sakal

Start Date: 16.08.2021

Project Duration: 4 months

Abstract: This project investigates how world and Turkish tourism is affected by Covid- 19, how tourism policies should be updated with the effect of Covid-19, and how sustainability policies are affected by Covid-19. The aim of the project is to update the Tourism 2023 master plan document within the framework of the researches carried out by the T.C. It is submitted to the Ministry of Culture and Tourism.

26. Konya Tourism Master Plan Reporting and Presentation

Project Manager: Dr. Halil Burak Sakal

Start Date: 01.04.2022

Project Duration: 3 months

Abstract: This project was carried out with a joint working group formed by Konya Metropolitan Municipality and Cappadocia University. The outputs of the project are the preparation of the reporting outputs for the document named "Konya Tourism Master Plan", which includes the targets set for Konya tourism in many areas, especially the number of tourists and tourism income, and the strategies to be followed in reaching these targets,

transferring the outputs to the digital environment, making and presenting their controls and visualizations. . In the Konya Tourism Master Plan Reporting and Presentation project, a general analysis of Konya tourism was made and a report was made by taking into account the suggestions made for the increase in the number of tourists and income, the activities to be done and planned regarding the suggestions, the completion and progress of the activities. In addition, the main policies showing how to reach the tourist number and income targets and the sub-targets related to these policies are included in the project.

27. Konya Çatalhöyük Region Balloon Tourism Development and Cultural Integration Project

Project Manager: Dr. Halil İbrahim Ünser

Start Date: 01.10.2021

Project Duration: 6 months

Link: <https://bap.kapadokya.edu.tr/projeler/konya-catalhoyuk-balon-turizmi-ve-kultur-entegrasyonu-projesi>

Abstract: Within the scope of the project, the suitability of Çatalhöyük for hot air balloon flights and its cultural integration, located within the borders of Konya province, are discussed.

28. Mustafapaşa Square Arrangement Project

Project Manager: Dr. Halil İbrahim Ünser

Start Date: 01.03.2022

Project Duration: 6 months

Link: <https://bap.kapadokya.edu.tr/projeler/mustafapasa-meydan-duzenleme-projesi>

Abstract: Within the scope of the project, urban design and implementation activities are carried out on the arrangement of the square in the center of Mustafapaşa Village, which contains the best preserved examples of civil architecture in the Cappadocia region, without disturbing its historical, cultural and natural structure.

29. Lost Instruments of Anatolia

Project Manager: Dr. Nükhet Okutan Davletov

Start Date: 22.01.2021

Project Duration: 18 months

Link: <https://anadolu.kapadokya.edu.tr/>

Abstract: Lost Instruments of Anatolia Project aims to bring to light the instruments that emerged as a result of the civilizations that lived in the Anatolian lands and the social events and phenomena experienced on them. Anatolian geography is home to a very rich culture in terms of organology due to its history, geographical location, having many trade ports in the past and being on migration routes. In order to prevent this culture from disappearing, its registration is the main goal of this project.

implemented with the support of the Cappadocia University BAP Commission, aims to unearth music and instruments, which are a very important part of the thousands of years of cultures of civilizations that have lived in these lands, and to prevent this accumulation from disappearing by recording it. With the project, 25 instruments that were made and played in different parts of Anatolia in different periods of history were identified and produced in accordance with their original form. In addition, information about these instruments from which material and how they were produced, when they were used and the sounds they made were compiled and presented to the public in written and audio-visual forms. Manufactured instruments are exhibited in the exhibition in this Cappadocia University Ürgüp Campus.

30. Mustafapaşa Best Tourism Village Awareness Development Project

Project Manager: Dr. Şükran Ünser

Start Date: 01.06.2022

Project Duration: 12 months

Link: <https://mustafapasakapadokya.org>

Abstract: Mustafapaşa Village of Ürgüp, where the Cappadocia University headquarters is located, was declared one of the best tourism villages in the world by the United Nations World Tourism Organization (UNWTO) on December 2, 2021

With the World's Best Tourism Village Program launched in May 2021, UNWTO has identified tourism villages all over the world that adopt innovative approaches in rural tourism and in line with the Sustainable Development Goals. The Best Tourism Villages Program aims to emphasize the power of tourism in rural development and increase the well-being of local communities and to encourage the elimination of inequalities of opportunity faced by women, youth and disadvantaged groups with the contribution of tourism; underlines that it is possible to transform the natural environment, biological and cultural diversity, local values, lifestyle of the villages into economic value by focusing on tourism.

In order for Mustafapaşa to continue its success in rural tourism, the meaning of the title of Best Tourism Village and the concept of sustainable tourism, why this title was given to Mustafapaşa, the historical and cultural importance of Mustafapaşa, the importance of preserving natural and cultural assets, what the title is for Mustafapaşa. It is of vital importance to be knowledgeable about such issues as the University's role in this issue, which brings opportunities and obligations such as In this context, Mustafapaşa stakeholders are defined as Mustafapaşa people, Mustafapaşa investors and employees (accommodation facilities, restaurants, factories, etc.), Mustafapaşa primary school students and teachers, Tourist guides, Tourism agencies and tour operators, KÜN employees, KÜN students, KÜN Montessori Kindergartens.

Cappadocia Studies Application and Research Center (KAM) implemented the Mustafapaşa Best Tourism Village Awareness Development Project as part of its social contribution.

Within the scope of the project, it is planned to provide information to Mustafapaşa stakeholders.

It is aimed to extend the information meetings to be held for Mustafapaşa stakeholders over two years and to discuss the concept of sustainable tourism, the meaning of the title of Best Tourism Village, and the historical and cultural importance of Mustafapaşa.

31. E-Book Project for Visually Impaired Individuals

Project Manager: Prof. Dr. Vesile Şenol

Start Date: 30.11.2020

Project Duration: 12 months

Link: <https://bap.kapadokya.edu.tr/projeler/kuneses--gorme-engelliler-icin-sesli-kutuphane--projesi>

Abstract: E-Book Project for Visually Impaired Individuals Project is a project designed for visually impaired individuals to have equal opportunities in education. As it is known, disability is a concept that has the potential to cause problems in accessing some public resources and services. Today, the studies carried out in the context of “Rights of the Disabled” impose a responsibility on all public institutions and organizations to improve the participation rights of the disabled; It brings with it the necessity of constructing all welfare services, especially education and health, in a way that is sensitive to the rights of the disabled. At this point, "Visually Impaired Technologies" are being developed in order to provide especially the visually impaired people with the support they need in education, and it is desired to respond to the needs of this disability group with technological development. Studies show that most of the problems experienced by the visually impaired in accessing education are experienced at the point of access to academic resources used in education. Based on this finding, in order to solve this basic problem of the visually impaired in higher education, universities, in particular, should take responsibility for other institutions and ensure that these students have equal rights with other students throughout their education life. With this aim in mind, the KÜN SESLI LIBRARY Project, which is desired to be established within the body of Cappadocia University, will contribute to the access of all visually impaired students in higher education to academic resources and to improve accessibility opportunities in education on behalf of these students.

32. Determination of the Effect of Local Food Presentation on Generation Z Youth Studying in the Culinary Program at a State University

Project Manager: Dr. Ezgi Demir Özer

Start Date: 05.12.2022

Project Duration: 8 months

Link: <https://bap.kapadokya.edu.tr/projeler/yoresel-yemek-prezentasyonun-bir-devlet-universitesinde-ascilik--programi-okuyan-z-kusagi-gencler-uzerindeki-etkisinin-belirlenmesi>

Abstract: In this study, the relationship between gastronomy and art branches and design is revealed and plate design elements and principles are defined in accordance with the search

and need for aesthetics in food. The aim of this project is to determine the effect of different plate presentations of local dishes on Generation Z young people studying in the culinary program.

33. Van Tourism Master Plan

Project Manager: Prof. Dr. Hasan Ali Karasar

Start Date: 01.09.2022

Project Duration: 6 months

Link: <https://bap.kapadokya.edu.tr/projeler/van-turizm-master-plani-projesi->

Abstract: This project will be carried out by a joint working group formed by Van Metropolitan Municipality and Cappadocia University. The outputs of the project will be the preparation of a document titled "Van Tourism Master Plan", which includes the targets set for Van tourism in many areas, especially the number of tourists and tourism revenues, and the strategies to be followed to achieve these targets, and the preparation of a presentation on this document and the delivery of the document ready for printing. In the Van Tourism Master Plan document, a general analysis of world and Turkish tourism is made and the number of tourists and income forecasts until 2028 are included. Furthermore, the document includes basic policies and sub-targets related to these policies, which show how the number of tourists and income targets will be achieved. The master plan studies and Van tourism targets for 2028 will be publicized by Van Metropolitan Municipality and the printed master plan document will be distributed to relevant stakeholders.

34. Comparison of the Effectiveness of Teletherapy and Traditional Face-to-Face Therapy Programs in Language and Speech Disorders

Project Manager: Dr. Rukiye Yalap

Start Date: 03.10.2022

Project Duration: 24 months

Link: <https://bap.kapadokya.edu.tr/projeler/dil-ve-konusma-bozukluklarinda-teleterapi-ve-geleneksel-yuz-yuze-terapi-programlarinin-etkililiklerinin-karsilastirilmesi->

Abstract: Traditional face-to-face therapy practices have been used for many years in the treatment of speech and language disorders. Especially in recent years, with the COVID-19 pandemic, online speech and language therapy services have become widespread. The aim of this project is to compare the effectiveness of face-to-face speech-language therapy programs and online teletherapy programs for individuals with aphasia, speech sound disorder and developmental language disorder. For this purpose, two experimental and one single-subject studies were planned within the scope of the project. For face-to-face and online speech-language therapy, therapy materials that are readily available in the market and prepared by speech-language pathologists will be used. Aphasia Language Assessment Test (ADD), Pronunciation Phonics Test (SST) and Turkish Early Language Development Test (TEDIL) will be used as data collection tools. The data of the project will be analyzed by descriptive and inferential statistical analysis methods. The project is one of the first projects in Turkey to compare the effectiveness of traditional face-to-face speech therapy

and teletherapy in various speech and language disorders.

35. Tourism Development Road Maps Project

Project Manager: Dr. Halil Burak Sakal

Start Date: 03.10.2022

Project Duration: 4 months

Link: -

Abstract: The project includes the preparation of roadmaps for the provinces of Muş, Malatya, Van, Trabzon, Aydın, Nevşehir, Erzurum, Erzurum, Isparta, Denizli and Kahramanmaraş to determine policies for achieving tourism targets. The roadmaps are unique in that they have been prepared from a macro-planning perspective, incorporating the views and recommendations of the Turkish Tourism Promotion and Development Agency of the Ministry of Culture and Tourism. In addition, the fact that it is the most comprehensive tourism roadmap for the provinces in question adds to the unique value of the project.

36. Anthropocentric Analysis of Climate Crisis News in Mainstream Media in Turkey

Project Manager: Dr. Ekin Gündüz Özdemirci

Start Date: 02.01.2023

Project Duration: 9 months

Link: <https://bap.kapadokya.edu.tr/projeler/turkiyede-ana-akim-medyada-iklim-krizi-haberlerinde-insanmerkezci-cerceveleme>

Abstract: In this study, news examples about the climate crisis in the mainstream media after the approval of the Paris Agreement in the Turkish Grand National Assembly will be examined in the light of framing theory. The news to be discussed will be analyzed in the context of anthropocentrism and sustainable development concepts by defining the frameworks used. In the study, news about the climate crisis published on the websites of Turkey's top three newspapers with the highest circulation between November 2021 and November 2022 will be determined by the document analysis method and examined by the content analysis method in the context of framing theory. It will be revealed how anthropocentric and sustainable development-oriented approaches, which are seen to come to the fore in studies on the framing of the climate crisis in the media, find a response in examples in Turkey.

37. Kırıkkale Gastronomy Inventory Project

Project Manager: Dr. Ezgi Demir Özer

Start Date: 14.09.2022

Project Duration: 6 months

Link: <https://gastrocappadocia.com/k/kirikkale-48/>

Abstract: Kırıkkale Province is located in the Middle Kızılırmak Section of the Central Anatolia Region. It was established on the Ankara-Samsun and Ankara-Kayseri-Malatya

Highway and Ankara-Erzurum railway route. It is 76 km from Ankara by road and 93 km by railway. It has a location that forms the junction point of the roads coming from the east, south and the Black Sea. With this feature, it is described as the gateway to the west for 43 provinces in the country. The city has the potential to host visitors with its routes where history, nature and cultural beauties can be seen. The province continues active activities in promotion and visibility activities. Dishes and pastries related to agricultural products, vegetables and animal products have an important place in the cuisine of the Kırkkale region. Our project, designed to reveal the values of the province in the field of gastronomy, aims to research nearly 20 flavors. It will be a priority to promote the stories of the dishes, emphasizing the knowledge and importance of the people from whom the stories are taken.

38. Project for Creation of Turkish Gastronomy Inventory

Project Manager: Dr. Mine Erdem Büyükkiraz

Start Date: 13.02.2023

Project Duration: 8 months

Link: <https://bap.kapadokya.edu.tr/projeler/turkiye-gastronomi-envanterinin-olusturulmasi-projesi>

Abstract: The project will promote the cuisine, local food products and restaurants of each of the seven regions of Turkey and the provinces within these regions. In this context, the ultimate aim of the project is to promote the inventory prepared by researching the rich cuisine, food and beverage establishments and local products of the provinces of Turkey through the "GoTürkiye" (<https://goturkiye.com/>) website created by the Turkish Tourism Promotion and Development Agency (TGA). This will contribute to the mobilization of the country's gastronomy tourism potential as well as its natural and historical richness.

39. Patisserie and Bakery Products Research Kitchen Establishment Project

Project Manager: Dr. Ezgi Demir Özer

Start Date: 13.02.2023

Project Duration: 6 months

Link: <https://bap.kapadokya.edu.tr/projeler/pastane-ve-firincilik-urunleri-arastirma-mutfagi-kurulumu-projesi>

Abstract: Pastry is a field that requires specialization in gastronomy and requires special equipment. Learning how to use the equipment used during education and practicing a lot before professional life provides great gains to students. Some technological equipment is also needed to carry out scientific studies. In addition, studies aiming to increase the use of local products will be carried out within the scope of the project. It is aimed to complete the missing fixture equipment needs of the pastry practice kitchen, which is quite inadequate in its current state, within the scope of the project, taking into account the training and scientific researches to be carried out.

40. Nevşehir Province Cultural and Historical Landscape Analysis Project

Project Manager: Prof. Dr. Hasan Ali Karasar

Start Date: 02.01.2023

Project Duration: 4 months

Link: <https://bap.kapadokya.edu.tr/projeler/nevsehir-ili-kulturel-ve-tarihi-peyzaj-analizi-projesi>

Abstract: Cultural and historical landscapes are defined in the literature as "geographical areas that contain natural and cultural resources and elements of natural life in this context, that are associated with a historical event or activity, or that exhibit various cultural and aesthetic values". In these areas, the harmony of nature and man-made elements, their historical, aesthetic, ethnological and anthropological value, and their ability to represent the dominant natural elements, land use patterns and traditional life patterns in the region on behalf of the region are among the qualities sought. In this context, Nevşehir province, which is home to many cultures in the middle of Anatolia and the heart of Cappadocia, was chosen as the study area. According to scientific research, archaeological excavations and written texts, Nevşehir province is one of the most important cultural centers of our country. In addition to the unique geological structure of the Cappadocia Region, it is included in the "World Natural and Cultural Heritage" list as the "Göreme National Park and Cappadocia (Nevşehir)" area with its magical traces of life in rock-carved areas. It is known that the oldest settlements in Nevşehir date back to the Paleolithic period and the settlement was inhabited by the Neolithic, Early Chalcolithic, Old Bronze Age periods and Hittite, Roman Empire, Seljuk, Principalities, Ottoman and Republic of Turkey civilizations respectively. The settlement has pioneered the spread of Christianity in the Christian world with its rock-carved churches and post-Byzantine churches, as well as the spread of Islam in Anatolia with Hacıbektaş-ı Veli's idea of tolerance. For this purpose, this project has been prepared to transfer and document the values of the province with a rich cultural and historical heritage to future generations. In this context, the aim of the study is to analyze the historical and cultural landscape of Nevşehir in a holistic manner covering all historical periods and structures.

41. Local and Seasonal Nutrition Research and Development Project

Project Manager: Prof. Dr. Müge Artar

Start Date: 02.01.2023

Project Duration: 4 months

Link:-

Abstract: This project aims to develop the skills of slow food nutrition / climate friendly nutrition with local and seasonal products starting from early childhood and thus to reach a more sustainable life. Within the scope of the project, three main domains that are actively involved in the life of 2-6 year old children constitute the main elements of education. The project will be carried out with a total of 236 participants, including students (90), teachers

(16), mothers (90) and employees and interns (40) of the Montessori Kindergarten of the Child Development Application and Research Center of Cappadocia University. It is the first application of the training, which is planned to be disseminated throughout the country later on. The multiplier effect will be quite large when the participation of the interns in the training is considered as a part of the teacher training.

42. Tourism Development Road Maps Project: Phase 2

Project Manager: Dr. Halil Burak Sakal

Start Date: 03.04.2023

Project Duration: 7 months

Link:-

Abstract: The project includes the preparation of roadmaps for the provinces of Giresun, Kastamonu, Mardin, Sakarya, Bartın, Ağrı, Eskişehir, Bilecik, Mersin, Karabük, Aksaray, Tunceli, Kayseri, Siirt, Sinop, Yalova, Bitlis, Adana, Samsun, Burdur, Ordu and Erzincan to determine policies for achieving tourism targets. The roadmaps are unique in that they have been prepared from a macro-planning perspective, incorporating the views and recommendations of the Turkish Tourism Promotion and Development Agency of the Ministry of Culture and Tourism. In addition, the fact that it is the most comprehensive tourism roadmap for the provinces in question adds to the unique value of the project.

43. Library Sustainability Management System Project

Project Manager: Dr. Halil Burak Sakal

Start Date: 13.02.2023

Project Duration: 6 months

Link:-

Abstract: This project, which will be carried out by Cappadocia University, Social and Strategic Studies Application and Research Center, aims to investigate these. This project is important in terms of being an academic study that has not been realized before. In this context, Istanbul Rami Library and Izmir Culture and Art Factory will be examined as an important example. Istanbul Rami Library is of great importance as an example of this subject. Istanbul Rami Library became the first institution in Turkey to receive a Sustainability Certificate in the on-site audit conducted by Biosphere on December 30, 2022, with the intensive efforts of the Ministry of Culture and Tourism. Biosphere is a program accredited by the Global Sustainable Tourism Council (GSTC). It is a tourism sustainability certificate for organizations operating in the fields of conservation, research, communication and exhibition. Turkey is the only country in the world other than Spain to have an institution that has received this certificate. With this project, it is aimed to develop a roadmap for the completion of the criteria necessary to ensure the continuity of the sustainability certificate obtained by Rami Library and Izmir Culture and Art Factory from Biosphere, to analyze the process by examining two examples, to put forward a strong Sustainability Plan, and to produce the necessary technical and academic knowledge to

create the necessary infrastructure for sustainability management and to ensure its continuity. In this way, other museums and libraries that adopt a similar goal will have a set of information on how the process will work. The project will provide a replicable model for other museums and libraries to follow and will contribute to Turkey's social and cultural sustainability by going beyond environmental aspects and supporting local cultural life.

Moreover, the faculty affiliated with Cappadocia University continued to produce academic publications in the related subjects in international scholarly publications and were encouraged and funded to participate in key international academic events during 2022-2023. A total of 299 (to be compared with 30 in the 2020-2021 reporting period, 31 in the 2021-2022 reporting period, and 238 in the 2022-2023 reporting period) academic works (books, book chapters, and articles) were published either by faculty members or other organizations affiliated to Cappadocia University.

Cappadocia University affiliated faculty or by other scholars contributing to the scholarly journals published by Cappadocia University Press. The list of the publications is given below:

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3. Robert Newton, 'Insidious Pollen': Toxicity and the Post-Pastoral in J.A. Baker's The Peregrine, Ecocene: Cappadocia Journal of Environmental Humanities, Vol 2, No:2, December 2021, 146-162
4. Pierre-Élie Pichot, Ecology and the Pastoral in Recent French Poetry: Jean-Claude Pinson, Pierre Vinclair, and Olivier Domerg, Ecocene: Cappadocia Journal of Environmental Humanities, Vol 2, No:2, December 2021, 163-176
5. Laura op de Beke, Pastoral Videogames: Industry, Entropy, Elegy, , Ecocene: Cappadocia Journal of Environmental Humanities, Vol 2, No:2, December 2021, 177-191
6. Brad Tabas, On Astropastoral in the Anthropocene, Ecocene: Cappadocia Journal of Environmental Humanities, Vol 2, No:2, December 2021, 192-206
7. Gülşah Göçmen, Book Review: Blue Ecocriticism: The Oceanic Imperative, Ecocene: Cappadocia Journal of Environmental Humanities, Vol 2, No:2, December 2021, 207-210
8. Joanna C. Dobson, Book Review: Endlings: A Collection of Poems About Extinct Animals, Ecocene: Cappadocia Journal of Environmental Humanities, Vol 2, No:2, December 2021, 211-216

9. prOphecy sun, Migratory Horizons, Ecocene: Cappadocia Journal of Environmental Humanities, Vol 2, No:2, December 2021, 217-219
10. Randy Lee Cutler, Andrew Rewald, Mineral Garden, Ecocene: Cappadocia Journal of Environmental Humanities, Vol 2, No:2, December 2021, 220-231
11. Tara Nicholson, Agents of Change: Documenting Arctic Rewilding within the Anthropocene, Ecocene: Cappadocia Journal of Environmental Humanities, Vol 2, No:2, December 2021, 232-243
12. Ella Tetrault, Andrew Bateman, Flyways, Highways, and Byways, Ecocene: Cappadocia Journal of Environmental Humanities, Vol 2, No:2, December 2021, 244-252
13. Jay Pahre, Flipping the Island, Ecocene: Cappadocia Journal of Environmental Humanities, Vol 2, No:2, December 2021, 253-262
14. Darren Fleet, Jim Holyoak, Life Like Us, Ecocene: Cappadocia Journal of Environmental Humanities, Vol 2, No:2, December 2021, 263-275
15. Serpil Oppermann, Entangled Stories of Life: Narrative Agencies and “Ethics of Worlding” in the Quantum Realm, Ecocene: Cappadocia Journal of Environmental Humanities, Vol 3, No:1, June 2022, 1-15
16. Renée Hoogland, Citizen Sensing with Soil, and the Intimate Alterity of Narrative Distance, Ecocene: Cappadocia Journal of Environmental Humanities, Vol 3, No:1, June 2022, 16-28
17. Khanh Nguyen, Trees of Our Times: Representing Arboreal Temporalities in Ali Smith’s Autumn and Richard Powers’ The Overstory, Ecocene: Cappadocia Journal of Environmental Humanities, Vol 3, No:1, June 2022, 29-40
18. Alejandro Rivero-Vadillo, Challenging Solarpunk’s Technophilia through Degrowth Imaginaries in Julia K. Patt’s “Caught Root” and Linda Jordan’s “Reclaiming”, Ecocene: Cappadocia Journal of Environmental Humanities, Vol 3, No:1, June 2022, 41-55
19. Luke Rodewald, Book Review: Climate Lyricism, Ecocene: Cappadocia Journal of Environmental Humanities, Vol 3, No:1, June 2022, 56-61
20. Zümre Gizem Yılmaz Karahan, Book Review: Eco Soma: Pain and Joy in Speculative Performance Encounters, Ecocene: Cappadocia Journal of Environmental Humanities, Vol 3, No:1, June 2022, 62-66
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23. Craig Santos Perez, Nature Haiku; Disaster Haiku, *Ecocene: Cappadocia Journal of Environmental Humanities*, Vol 3, No:1, June 2022, 77-78
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28. Monique Motut-Firth, Travelling Through Troubled Landscapes, *Ecocene: Cappadocia Journal of Environmental Humanities*, Vol 3, No:1, June 2022, 97-106
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16. CAPPADOCIA UNIVERSITY PRESS ENVIRONMENTAL HUMANITIES SERIES

The Environmental Humanities Series of Cappadocia University Press primarily aims to support the dissemination of local and global knowledge produced in the field of Environmental Humanities in the Turkish academy and society.

The series publishes Turkish translations of influential theoretical books and other original research in the field, as well as English-to-Turkish or Turkish-to-English translations of works

reflecting world literature's response to the Anthropocene and climate crisis.

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Series websites is available in English at the following URL:

<https://kapadokyayayinlari.kapadokya.edu.tr/en/yayinlar/environmental-humanities/>

In the 2020-2021 academic year, the two Turkish books below were published in the series.

“*Gezegeenin Geleceği: Kaygılar ve Umutlar*” (*The Future of the Planet: Concerns and Hopes*) *Selected Short Stories* which was the output of the second short story competition organized by the Department of Turkish Language and Literature of Cappadocia University and targeted high school students who were expected to submit stories especially in the genres of utopia and dystopia. To access the e-book as an open access resource in Turkish, please visit: <https://kapadokyayayinlari.kapadokya.edu.tr/en/yayin/the-future-of-the-planet-concerns-and-hopes-selected-stories/> Please also see below “2020 Short Story Competition” for details. The other publication of the series was a Turkish translation of Simon C. Estok's influential book *The Ecophobia Hypothesis* (Routledge, 2018). The online launch event of *Ekofobi Hipotezi* (<https://kapadokyayayinlari.kapadokya.edu.tr/yayin/ekofobi-hipotezi/>) on June 4, 2021 was attended by Simon C. Estok as well. Please see event details at <https://kapadokya.edu.tr/etkinlikler/simon-c-estok-ile-ekofobi-hipotezi-kitap-lansmani>.

In the 2021-2022 academic year, the Turkish title below was published in the series:

Yusuf Gökkaplan (Ed.), “*Teknoloji ve İnsan*” *Seçme Öyküler*, Çevreci Beşeri Bilimler Serisi (Environmental Humanities Series), Kapadokya Üniversitesi Yayınları, 2022, ISBN: 978-605-4448-25-8, URL: <https://hdl.handle.net/20.500.12695/1622>

In the 2022-2023 academic year, the Turkish book below was published in the series:

Başak Ağın, Z. Gizem Yılmaz (Ed.), *50 Colors of the Humanities: Environmental, Digital, Medical and Posthuman Voices*, Environmental Humanities Series, Cappadocia University Press, 2023,

17. ENVIRONMENTAL SUSTAINABILITY IN EXTRACURRICULAR ACTIVITIES

Cappadocia University, in line with its objectives to increase the number of activities on environmental awareness and protection in particular and sustainability in general, continued to plan and realize several activities about environment and sustainability in the academic year of 2022-2023.

Events related to environment and sustainability hosted or organized by the university in the academic years 2021-2022 and 2022-2023 are listed below:

1. Workshop: “Local Product Usage in Restaurants, Difficulties and Benefits”, 23.08.2022 (<https://kapadokya.edu.tr/etkinlikler/restoranlarda-mevsiminde-yerel-urun-kullanimi-zorluklari-ve-faydalari>)
2. International Cappadocia Health and Life Conference, 24-26.08.2022 (<https://kapadokya.edu.tr/etkinlikler/uluslararası-kapadokya-saglik-ve-yasam-kongresi>; <http://ichelic.kapadokya.edu.tr/>)
3. “Imagining A Common Horizon for Humanity and the Planet” Seminars: “Interstellar Communication as a Common Horizon for Humanity”, 25.07.2022 (<https://kapadokya.edu.tr/etkinlikler/interstellar-communication-as-a-common-horizon-for-humanity>)
4. World Day to Combat Desertification and Drought - Afforestation Event with Young TEMA and Nature Club, 17.06.2022 (<https://kapadokya.edu.tr/etkinlikler/dunya-collesme-ve-kuraklikla-mucadele-gunu>)
5. Environmental Sustainability Leadership Award Announcement Event, 14.06.2022 (<https://kapadokya.edu.tr/etkinlikler/cevresel-surdurulebilirlik-liderlik-odulu>)
6. 3rd Traditional Story Competition Among High Schools: “Technology and Humanity”, 13.06.2022 (<https://kapadokya.edu.tr/etkinlikler/3-geleneksel-liseliler-arasi-oyku-yarismasi-sonuclari>)
7. “Imagining A Common Horizon for Humanity and the Planet” Seminars: “From the ruins of neoliberalism to nowhere”, 07.06.2022 (<https://kapadokya.edu.tr/etkinlikler/from-the-ruins-of-neoliberalism-to-where>)
8. World Bicycle Day Event with Mountain Biking Club, 03.06.2022 (<https://kapadokya.edu.tr/etkinlikler/dunya-bisiklet-gunu>)
9. Nevşehir Provincial Administration Street Animals Project Information Seminar, 02.06.2022 (<https://kapadokya.edu.tr/etkinlikler/nevsehir-il-ozel-idaresi-sokak-hayvanlari-projesi-bilgilendirme-semineri>)
10. Walk for Health Event, 28.05.2022 (<https://kapadokya.edu.tr/etkinlikler/saglik-icin-yuru>)
11. Literature and Environment Symposium (Edebiyat ve Çevre Sempozyumu), 27-28.05.2022 (<http://edebiyatvecevre.kapadokya.edu.tr/>)
12. Congress of Artificial Intelligence and Human Interaction in Business, 21-22.05.2022 (<http://aihbk.kapadokya.edu.tr/>)
13. Graduate Seminars: Communicating with the Other: Semiotic Perspectives on Messaging Extraterrestrial Intelligence, 20.05.2022 (<https://kapadokya.edu.tr/etkinlikler/graduate-seminars-communicating-with-the-other-semiotic-perspectives-on-messaging-extraterrestrial-intelligence>)

14. Graduate Seminars: Food Culture Research, 18.05.2022 (<https://kapadokya.edu.tr/etkinlikler/lisansustu-seminerleri-yemek-kulturu-arastirmalari>)
15. Field Trip: Bread Culture Research in Cappadocia with Nihan Aras, 18.05.2022 (<https://kapadokya.edu.tr/etkinlikler/nihan-aras-ile-kapadokyada-ekmek-kulturu-arastirmalari>)
16. “Imagining A Common Horizon for Humanity and the Planet” Seminars: “COVID-19 and Ecophobia Reflex”, 17.05.2022 (<https://kapadokya.edu.tr/etkinlikler/covid-19-and-ecophobia-reflex>)
17. Seminar: “Waste Management and Disposal in Hospitals”, 17.05.2022 (<https://kapadokya.edu.tr/etkinlikler/hastanelerde-atik-yonetimi-ve-bertaraf>)
18. Seminar: “Sustainable Tourism in Turkey and the World” 16.05.2022 (<https://kapadokya.edu.tr/etkinlikler/turkiye-ve-dunyada-surdurulebilir-turizm>)
19. The 2nd International Environmental Humanities Conference: “Critical Animal and Plant Studies”, 16-18.05.2022 (<https://ehc.kapadokya.edu.tr/international-conferences>)
20. Film Screening: "Return to Chernobyl", 16.05.2022 (<https://kapadokya.edu.tr/etkinlikler/film-gosterimi-chernobile-donus>)
21. Seminar: Urban Archeology, 14.05.2022 (<https://kapadokya.edu.tr/etkinlikler/kent-arkeolojisi-uzerine>)
22. Mustafapaşa Village Cleaning Up, 14.05.2022 (<https://kapadokya.edu.tr/etkinlikler/mustafapasa-cevre-temizligi>)
23. Graduate Seminar: Journey of Milk to Cheese, 10.05.2022 (<https://kapadokya.edu.tr/etkinlikler/lisansustu-seminerleri-sutun-peynire-yolculugu>)
24. “Imagining A Common Horizon for Humanity and the Planet” Seminars: “Rethinking Limits to Growth”, 27.04.2022 (<https://kapadokya.edu.tr/etkinlikler/rethinking-limits-to-growth>)
25. Cappadocia Sustainability Conversations, “Environmental Politics in Turkey (Türkiye’de Çevre Politikaları)”, 22.04.2022 (<https://kapadokya.edu.tr/etkinlikler/kapadokya-surdurulebilirlik-konusmalari-turkiyede-cevre-politikalari>)
26. Seminar: Waste Management in Clinical Laboratories, 21.04.2022 (<https://kapadokya.edu.tr/etkinlikler/klinik-laboratuvarlarda-atik-yonetimi>)
27. Seminar: Radioactive Waste Management, 14.04.2022 (<https://kapadokya.edu.tr/etkinlikler/radyoaktif-atik-yonetimi>)
28. Seminar: Seismic Isolation in Buildings and Bridges, 12.04.2022 (<https://kapadokya.edu.tr/etkinlikler/bina-ve-koprularda-sismik-izolasyon>)
29. Seminar: Energy Efficiency and Consumer Awareness, 11.04.2022 (<https://kapadokya.edu.tr/etkinlikler/enerji-verimliliği-ve-tuketici-bilinci>)
30. Seminar: CBRN (Chemical, Biological, Radiological, Nucleus Threats) and Health Organization in Field - KBRN (Kimyasal, Biyolojik, Radyolojik, Nükleer Tehditler) ve Sahada Sağlık Organizasyonu, 08.04.2022 (<https://kapadokya.edu.tr/etkinlikler/kbrn-kimyasal-biyolojik-radyolojik-nukleer-tehditler-ve-sahada-saglik-organizasyonu>)
31. “Imagining A Common Horizon for Humanity and the Planet” Seminars: “Do we live in an age of uncertainty?”, 28.03.2022 (<https://kapadokya.edu.tr/etkinlikler/do-we-live-in-an-age-of-uncertainty>)
32. Event: Collecting Electronic Waste Competition, 25.03.2022 (<https://kapadokya.edu.tr/etkinlikler/elektronik-atik-toplama-yarismasi>)
33. Cappadocia Sustainability Conversations, “Forest Fires and Reforestation Methods”, 22.03.2022 (<https://kapadokya.edu.tr/etkinlikler/orman-yanginlari-ve-yeniden-ormanlastirmayontemleri>)
34. Seminar: Looking at Current Turkish Literature From a New Window: Eco-literature, Eco-fiction, Ecofeminist Approaches, 10.03.2022 (<https://kapadokya.edu.tr/etkinlikler/gunumuz-turk-edebiyatina-yeni-bir-pencereden-bakis-ekoyazin-ekokurgu-ekofeminist-yaklasimlar>)

35. Graduate Seminars: Universalization of Local Cuisine, 10.03.2022
(<https://kapadokya.edu.tr/etkinlikler/lisansustu-seminerleri-yoresel-mutfagin-evrensellesmesi>)
36. "Imagining A Common Horizon for Humanity and the Planet" Seminars: "Contemporary Global Economic Crisis: a World-system Approach", 08.03.2022
(<https://kapadokya.edu.tr/etkinlikler/contemporary-global-economic-crisis-a-world-system-approach>)
37. Planting Event for Women's Day with Young TEMA, 08.03.2022
(<https://kapadokya.edu.tr/etkinlikler/8-mart-dunya-kadinlar-gunu-fidan-dikim-etkinligi>)
38. Field Trip: Mustafapaşa Village History, Texture and Structure, 04.03.2022
(<https://kapadokya.edu.tr/etkinlikler/mustafapasa-koyu-tarihi-dokusu-ve-yapilari>)
39. Training: TATDOĞA Erciyes/Cappadocia Winter Training-First Aid and Emergency Assistance, 04.03.2022 (<https://kapadokya.edu.tr/etkinlikler/tatdoga-erciyeskapadokya-kis-egitimi>)
40. "Imagining A Common Horizon for Humanity and the Planet" Seminars: "Global Change, Science, and Society", 28.02.2022 (<https://kapadokya.edu.tr/etkinlikler/global-change-science-and-society>)
41. Cappadocia Sustainability Conversations, "Wetland Crisis and Flamingo Deaths in Tuz Lake", 17.02.2022 (<https://kapadokya.edu.tr/etkinlikler/kapadokya-surdurulebilirlik-konusmalari-sulak-alan-krizi-ve-tuz-golundeki-flamingo-olumleri>)
42. Çat Valley Hike with Nature Club, 22.01.2022 (<https://kapadokya.edu.tr/etkinlikler/doga-toplulugu-ile-cat-vadisi-yuruyusu>)
43. "Imagining A Common Horizon for Humanity and the Planet" Seminars: "YEAR 1: A Philosophical Recounting in Light of a Common Future", 20.01.2022
(<https://kapadokya.edu.tr/etkinlikler/year-1-a-philosophical-recounting-in-light-of-a-common-future>)
44. Seminar: Necessary Measures to Take During COVID-19 Pandemic and Shifting Dentistry Practices, 28.09.2021 (<https://kapadokya.edu.tr/etkinlikler/covid-19-pandemisi-ve-okul-ortaminda-sosyal-hayatta-uyulmasi-gereken-kurallar-ve-onemi>)
45. Bicycle Days -1 with Mountain Biking Club, 25.09.2021
(<https://kapadokya.edu.tr/etkinlikler/bisiklet-gunleri---1>)
46. Valley Hike with Nature Club, 18.09.2021 (<https://kapadokya.edu.tr/etkinlikler/vadi-yuruyusu>)
47. World Walking Day, Valley Hike with Nature Club, 03.10.2021
(<https://kapadokya.edu.tr/etkinlikler/dunya-yuruyus-gunu---vadi-yuruyusu>)
48. 16 October World Food Day Event-Healthy Beverages, 18.10.2021
(<https://kapadokya.edu.tr/etkinlikler/dunya-gida-gununuz-kutlu-olsun>)
49. Graduate Seminars: Cli-Fi Today and Tomorrow: A Conversation with JL Morin, author of Nature's Confession, 27.10.2021 (<https://kapadokya.edu.tr/etkinlikler/lisansustu-seminerleri-cli-fi-today-and-tomorrow>)
50. Golgoli Hill Climbing Event with Mountain Biking Club, 23.10.2021
(<https://kapadokya.edu.tr/etkinlikler/tirmanis-gunleri-golgoliye-tirmaniyoruz>)
51. Full Moon Hike with Nature Club, 20.10.2021 (<https://kapadokya.edu.tr/etkinlikler/dolunay-yuruyusu-1>)
52. Seminar: Collective Nutrition Systems, 05.11.2021 (<https://kapadokya.edu.tr/etkinlikler/toplu-beslenme-sistemleri-uzerine-soylesi>)
53. Field Trip: Conservation Practices for Movable Cultural Properties, 12.11.2021
(<https://kapadokya.edu.tr/etkinlikler/tasinabilir-kultur-varliklarinin-konservasyon-uygulamalar>)
54. Cappadocia Sustainability Conversations, "Planning in Coastal Areas", 13.11.2021
(<https://kapadokya.edu.tr/etkinlikler/kiyi-alanlarinda-planlama>)
55. "Imagining A Common Horizon for Humanity and the Planet" Seminars: "Empire and

- Decolonization in the 21st Century.”, 23.11.2021 (<https://kapadokya.edu.tr/etkinlikler/imagining-a-common-horizon-for-humanity-and-the-planet-empire-and-decolonization-in-the-21st-century>)
56. Seminar: Adaptation and Motivation for COVID-19 Control Measures, 26.11.2021 (<https://kapadokya.edu.tr/etkinlikler/covid-19-kontrol-tedbirlerine-uyum-ve-motivasyon>)
57. Virtual Tour: Ephesus Ancient City Narration, 27.11.2021 (<https://kapadokya.edu.tr/etkinlikler/efes-antik-kenti>)
58. Graduate Seminars: Marine Environment Politics in Turkey, 02.12.2021 (<https://kapadokya.edu.tr/etkinlikler/turkiyenin-denizel-cevre-politikalari>)
59. “Imagining A Common Horizon for Humanity and the Planet” Seminars: The Ruse of Settler-Colonialism, 06.12.2021 (<https://kapadokya.edu.tr/etkinlikler/imagining-a-common-horizon-for-humanity-and-the-planet-independence-the-ruse-of-settler-colonialism>)
60. International Symposium on Health in Folk Culture (Halk Kültüründe Sağlık Uluslararası Sempozyumu), 09-11.12.2021 (<https://www.isscongress.com/kongre/5/halk-kulturunde-saglik-uluslararasi-sempozyumu>)
61. Valley Hike and Cleaning with Young Kızılay and Nature Club, 14.11.2021 (<https://kapadokya.edu.tr/etkinlikler/doga-ve-genc-kizilay-topluluklari-ile-vadi-yuruyusu>)
62. Love Valley Hike with Nature Club, 21.11.2021 (<https://kapadokya.edu.tr/etkinlikler/doga-toplulugu-ile-ask-vadisi-yuruyusu>)
63. Workshop: Integration of Cappadocia Region Destinations for Tourism: Kayseri and Nevşehir Cities, 15.12.2021 (<https://kapadokya.edu.tr/etkinlikler/kapadokya-bolgesi-destinasyonlarinin-turizm-acisindan-entegrasyonu-kayseri-ve-nevsehir-illeri-calistayi>)
64. Graduate Seminars: Global Climate Crisis: Our Planet, Humanity and Turkey, 17.12.2021 (<https://kapadokya.edu.tr/etkinlikler/lisansustu-seminerleri-kuresel-iklim-krizi-gezegenimiz-insanlik-turkiye>)
65. Seminar: Professional Look at Gastronomy Tourism in Turkey, 17.12.2021 (<https://kapadokya.edu.tr/etkinlikler/turkiyede-gastronomi-turizmine-profesyonel-bakis>)
66. “Imagining A Common Horizon for Humanity and the Planet” Seminars: “Politics of Fear in the Era of Permanent Pandemics”, 20.12.2021 (<https://kapadokya.edu.tr/etkinlikler/politics-of-fear-in-the-era-of-permanent-pandemics>)
67. Seminar: Artificial Intelligence and Machine Learning, 24.12.2021 (<https://kapadokya.edu.tr/etkinlikler/yapay-zeka-ve-makine-ogrenimi>)
68. Sultan Reed Bed Visiting with Young TEMA and Turna Bird Watching Club, 25.12.2021 (<https://kapadokya.edu.tr/etkinlikler/sultan-sazligi-mill-parki-ziyareti>)
69. Seminar: How will Neurobiology be Useful in Daily Life?, 30.12.2021 (<https://kapadokya.edu.tr/etkinlikler/peki-ya-gundelik-hayatta-norobiyojisi-ne-isime-yarayacak>)
70. II. National Environmental Humanities Conference, 25.07.2023 (<https://kapadokya.edu.tr/etkinlikler/ii-ulusal-cevreci-beseri-bilimler-konferansi>)
71. Bees Will Keep the World Alive: Award-Winning Poster Design Competition, 06.07.2023 (<https://kapadokya.edu.tr/etkinlikler/dunyayi-arilar-yasatacak-odullu-poster-tasarim-yarismasi>)
72. Cappadocia University II. Health Symposium, 20.06.2023, (<https://kapadokya.edu.tr/etkinlikler/kapadokya-universitesi-ii-saglik-sempozyumu>)
73. Nature Hike (Güvercinlik Valley), 24.06.2023 (<https://kapadokya.edu.tr/etkinlikler/doga-yuruyusu-guvercinlik-vadisi>)
74. Capitalism, Coronavirus and War: A Geopolitical Economy Approach, 20.06.2023 (<https://kapadokya.edu.tr/etkinlikler/capitalism-coronavirus-and-war-a-geopolitical-economy-approach>)

75. Cappadocia Sustainability Conversations: 'Agroecology: Ecosystem Friendly Agriculture', 15.06.2023 (<https://kapadokya.edu.tr/etkinlikler/kapadokya-surdurulebilirlik-konusmalari-agroekoloji-ekosistem-dostu-tarim>)
76. Cappadocia Sustainability Conversations: If There Are Bees, There is Tomorrow!, 05.06.2023, (<https://kapadokya.edu.tr/etkinlikler/kapadokya-surdurulebilirlik-konusmalari-arilar-varsa-yarinlar-var>)
77. First and Emergency Aid Exhibition, 01.06.2023, (<https://kapadokya.edu.tr/etkinlikler/ilk-ve-acil-yardim-sergisi>)
78. Combating Violence against Women and Addiction, 26.05.2023, (<https://kapadokya.edu.tr/etkinlikler/kadina-yonelik-siddet-ve-bagimlilikla-mucadele>)
79. Turkish Cuisine Week: Panel and Workshop on Developing Local and Sustainable Gastronomy, 25.05.2023, (<https://kapadokya.edu.tr/etkinlikler/turk-mutfagi-haftasi-yerel-ve-surdurulebilir-gastronominin-gelistirilmesi-panel-ve-calistayi>)
80. Cappadocia Sustainability Conversations: Institutional Sustainability, 23.05.2023, (<https://kapadokya.edu.tr/etkinlikler/kapadokya-surdurulebilirlik-konusmalari-kurumsal-surdurulebilirlik>)
81. Environmental Sustainability Leadership Award Winner Announced, 22.05.2023, (<https://kapadokya.edu.tr/etkinlikler/cevresel-surdurulebilirlik-liderlik-odulu-sahibi-aciklaniyor>)
82. Seminar: Disasters in Our Country, Our Cultural Heritage and the February 6 Earthquake, 16.05.2023, (<https://kapadokya.edu.tr/etkinlikler/ulkemizde-afetler-kulturel-mirasimiz-ve-6-subat-depremi>)
83. Let's Eat Healthy, Grow Healthy, 12.05.2023, (<https://kapadokya.edu.tr/etkinlikler/saglikli-beslenelim-saglikli-buyuyelim>)
84. Cappadocia Sustainability Conversations: Sustainable City Vision and Thinking of the City in Written Words, 10.05.2023 (<https://kapadokya.edu.tr/etkinlikler/kapadokya-surdurulebilirlik-konusmalari-surdurulebilir-kent-vizyonu-ve-kenti-yaziyla-dusunmek>)
85. Nature Hike (Love Valley 2), 06.05.2023, (<https://kapadokya.edu.tr/etkinlikler/doga-yuruyusu-ask-vadisi-2>)
86. Cappadocia Culture Trips (Aksaray), 30.04.2023, (<https://kapadokya.edu.tr/etkinlikler/kapadokya-kultur-gezileri>)
87. Radiology Culture Conversations - Health Policies through the Perspective of 14 Cartoons, 28.04.2023 (<https://kapadokya.edu.tr/etkinlikler/radyoloji-kultur-sohbetleri---14-karikaturun-penceresinden-saglik-politikalari>)
88. Bicycle Days (Sobesos Ancient City), 26.04.2023, (<https://kapadokya.edu.tr/etkinlikler/bisiklet-gunleri-sosbesos-antik-kenti>)
89. Cappadocia Sustainability Conversations: Regenerative Innovation, 24.04.2023, (<https://kapadokya.edu.tr/etkinlikler/kapadokya-surdurulebilirlik-konusmalari-rejeneratif-inovasyon>)
90. Kızılçukur Valley Hike, 17.04.2023, (<https://kapadokya.edu.tr/etkinlikler/kizilcukur-vadi-yuruyusu>)
91. Nature Hike (Love Valley), 14.04.2023, (<https://kapadokya.edu.tr/etkinlikler/doga-yuruyusu-ask-vadisi>)
92. Have a Planted Tree (TEMA), 14.04.2023, (<https://kapadokya.edu.tr/etkinlikler/dikili-bir-agacin-olsun>)

93. Cappadocia Economy Meetings VI: Ecological Sustainability and Ecological Agriculture, 14.04.2023 (<https://kapadokya.edu.tr/etkinlikler/kapadokya-ekonomi-toplantilari-vi-ekolojik-surdurulebilirlik-ve-ekolojik-tarim>)
94. Sustainable Development Club Elective General Assembly, 11.04.2023, (<https://kapadokya.edu.tr/etkinlikler/surdurulebilir-kalkinma-toplulugu-secimli-genel-kurulu-1>)
95. Young Cultural Ambassadors Project Closing Meeting, 22.03.2023, (<https://kapadokya.edu.tr/etkinlikler/genc-kultur-elcileri-projesi-kapanis-toplantisi>)
96. Spring Hike, 21.03.2023 (<https://kapadokya.edu.tr/etkinlikler/bahar-yuruyusu>)
97. Post-Disaster Emergency Nutrition Needs and Coordination Panel and Workshop, 10.03.2023, (<https://kapadokya.edu.tr/etkinlikler/afet-sonrasi-acil-beslenme- ihtiyaclari-ve-koordinasyon-panel-ve-calistayi>)
98. Cappadocia Sustainability Conversations: Energy Efficiency and Smart Systems in Buildings, 17.01.2023 (<https://kapadokya.edu.tr/etkinlikler/binalarda-enerji-verimliliği-ve-akilli-sistemler>)
99. Gastronomy Conversations: Past, Present and Future of Cappadocia Cuisine, 04.01.2023, (<https://kapadokya.edu.tr/etkinlikler/gastronomi-sohbetleri-kapadokya-mutfaginin-dunu-bugunu-ve-yarini>)
100. Local Producer Meetings, 24.12.2022, (<https://kapadokya.edu.tr/etkinlikler/yerel-uretici-bulusmalari>)
101. Zemi Valley Hike, 18.12.2022 (<https://kapadokya.edu.tr/etkinlikler/zemi-vadisi-yuruyusu>)
102. Mother Earth Day and Domestic Products Week, 10.12.2022, (<https://kapadokya.edu.tr/etkinlikler/2022-toprak-ana-gunu-ve-yerli-mali-haftasi--->)
103. November 11 “National Reforestation Day”, 11.11.2022, (<https://kapadokya.edu.tr/etkinlikler/11-kasim-milli-agaclandirma-gunu-22-23>)
104. About Sustainable Art with Deniz Sağdıç, 08.11.2022 (<https://kapadokya.edu.tr/etkinlikler/deniz-sagdic-ile-surdurulebilir-sanat-uzerine->)
105. Cappadocia Sustainability Conversations: Slow Food Movement and Cappadocia, 19.10.2022, (<https://kapadokya.edu.tr/etkinlikler/kapadokya-surdurulebilirlik-konusmalari-slow-food-hareketi-ve-kapadokya>)
106. Climbing Days; Erciyes, 21.09.2022, (<https://kapadokya.edu.tr/etkinlikler/tirmanis-gunleri-hasan-dagi->)
107. World Walking Day, 03.10.2022, (<https://kapadokya.edu.tr/etkinlikler/dunya-yuruyus-gunu---vadi-yuruyusu>)
108. Mustafapaşa Promotional Seminar, 18.10.2022, (<https://kapadokya.edu.tr/etkinlikler/mustafapasa-bilgilendirme-semineri-ve-turu-4>)
109. Make a Mask from Paper Pulp, 22.10.2022, (<https://kapadokya.edu.tr/etkinlikler/kagit-hamurundan-mask-yap>)
110. Why is Awareness of Disability Important?, 26.10.2022, (<https://kapadokya.edu.tr/etkinlikler/engelliligin-farkindaligi-neden-onemlidir>)
111. Mothers' Movement Against Drugs, 26.10.2022, (<https://kapadokya.edu.tr/etkinlikler/uyusturucuya-karsi-anneler-hareketi>)
112. Disaster Awareness Training, 27.10.2022, (<https://kapadokya.edu.tr/etkinlikler/afad-farkindalik-egitimi->)

113. Cycling Days (Uçhisar- Mustafapaşa), 12.11.2022,
(<https://kapadokya.edu.tr/etkinlikler/bisiklet-gunleri-22-23->)
114. Food Weighing Competition, 14.11.2022, (<https://kapadokya.edu.tr/etkinlikler/besin-tarti-yarismasi>)
115. 20 November Children's Rights Day, 20.11.2022,
(<https://blog.kapadokya.edu.tr/akademik/cocuk-gelisimi-lisans/20-kasim-dunya-cocuk-haklari-gunu>)
116. No Hands Off Women!, 25.11.2022, (<https://kapadokya.edu.tr/etkinlikler/kadina-el-kal-ka-maz>)
117. World Soil Day Valley Hike, 05.12.2022, (<https://kapadokya.edu.tr/etkinlikler/dunya-toprak-gunu-vadi-yuruyusu>)
118. A Special Day with Special Children, 24.12.2022,
(<https://kapadokya.edu.tr/etkinlikler/ozel-cocuklar-ile-ozel-bir-gun>)
119. Cappadocian Producing Hands – 1, 08.11.2022,
(<https://kapadokya.edu.tr/etkinlikler/kapadokyali-ureten-eller---1>)

18. 2023 HIGH SCHOOL STUDENTS ACCESSIBLE FICTION STORY COMPETITION

In the 2022-2023 academic year, the fourth of the traditional short story competition organized by the Department of Turkish Language and Literature of Cappadocia University again targeted high school students who were expected to submit short stories on the theme of “Accessible Fictions.” The shortlisted 21 stories were published in the edited book with the title “*Engelsiz Kurgular*” (*Accessible Fictions*) *Selected Short Stories*. The goal was also to increase awareness among the youth about ecological and sustainability issues and prompting them to take action through creative fiction.

19. CAPPADOCIA PLANTS INVENTORY

In the 2022-2023 academic year Cappadocia University continued the “[Cappadocia Plants Inventory](#)” project to contribute to the preservation of local floral heritage. The study was shared with the public through the webpage of the inventory on *Sustainable Cappadocia* Website.

The page features a total of 286 pictures of 45 herbaceous plant and flower species, taken in the province of Nevşehir as a first step, which is located in Cappadocia, a very wide region right at the center of Anatolia that covers at least five provinces of Turkey. With further selections from our catalogue of pictures, currently underway, the number of species is expected to multiply soon. With ongoing land surveys, the number of herbaceous and woody plants featured on our page will keep growing.

The main goal in showcasing our natural and wild vegetation is to let people see, feel, and appreciate the presence, beauty, and value of these life forms, with which we share the same air and land, and live together. A majority of these plants existed here even before humans did. They have changed over time. We can tell that by looking at fossil records. Often treated as “weeds,” these

plants are in fact indispensable building blocks of our ecosystem. It would be a great loss if they were to disappear. We believe raising awareness of this issue is very important in Turkey.

For examples of the inventory please see links below:

Hum (Ephedra major): <https://bitkiortusu.kapadokya.edu.tr/bitki/hum-ephedra-major/>

Hanım şiltesi (Minuartia juniperina): <https://bitkiortusu.kapadokya.edu.tr/bitki/hanim-siltesi-minuartia-juniperina/>

In the 2022-2023 academic year, the digital inventory was maintained.

20. ORANGE FLAG PROJECT

In the 2020-2021 reporting period, Cappadocia University was awarded an Orange Flag for its food-friendly policies and practices, aiming to minimize food waste on all campus sites.



Fig. 9: Cappadocia University, the first (and only) “food-friendly” certified educational institution in Turkey

Turuncu Bayrak (Orange Flag) (<https://turuncubayrak.org/sayfa-what-is-orange-flag-2>) is an Ankara-based initiative that was “developed to directly contribute the works conducted for preventing food waste and protecting the food and create an awareness in this matter,” as explained on the organization’s official website. Targeting individuals and establishments, the project awards an Orange Flag to entities with impactful efforts towards the prevention and reduction of food waste. In the 2020-2021 period, Cappadocia University filed an application and became the first (and the only at the time of the preparation of this report) educational institution with an Orange Flag.

Since the 2021-2022 academic year, the Orange Flag practices has been implemented on all campuses.

21. “SAFE CAMPUS” CERTIFICATION

As a result of the practices and measures it has implemented in the reporting period, Cappadocia University has been awarded the title of “Safe Campus” for minimizing the risk of pandemics in the 2020-2021 academic year.

Cappadocia University, by fulfilling the conditions of the Certification Program for the Development of Healthy and Clean Environments, was entitled to receive “Safe Campus Certificate in the Context of the Global Epidemic” given by the Higher Education Council (YÖK) and the Turkish Standards Institute (TSE).



Fig. 10: Cappadocia University’s “Safe Campus” program

The certification process included the procedures listed below:

- Within the scope of Safe Campus studies, Covid-19 risk analysis was conducted for Nevşehir (Ürgüp, Mustafapaşa, Uçhisar, Montessori Kindergarten) and İstanbul (Sabiha Gökçen) campuses. Covid-19 Emergency and Infection Control Measures Action Plan was created.
- The Case Management Team and the Safe Campus Audit Team were formed within Kov-Kom (Covid Commission).
- The Case Management Team, in accordance with the Covid-19 Case Management Algorithm was created under the chairmanship of the Case Management Officer and with the recommendations of the Ministry of Health Science Board, ensures the filiation of academic, administrative staff and students.
- The Safe Campus *Inspection* Team conducts inspections at intervals determined by the prepared checklists and sends the Safe Campus Inspection Report to the inspection team planning and coordination officer.
- In addition, posters (<https://blog.kapadokya.edu.tr/evde-hayat-var/>) to remind Covid-19 measures were hung in various places (classrooms, offices, laboratories, library, corridor, lobby, waiting areas, etc.) and hand sanitizers are placed in common areas. Capacities and seating arrangements have been rearranged in common areas such as classrooms, laboratories and libraries, and information posters regarding the capacities have been hung at the entrance doors.
- In addition, all academic and administrative personnel were informed via videos and



visuals on our university website (<https://blog.kapadokya.edu.tr/evde-hayat-var/>).

- At the end of all these studies, inspections of Nevşehir campuses between 30 June 2021 - 9 July 2021 and Istanbul campus between 18-19 August 2021 were carried out by the TSE Nevşehir Certification Directorate, and the university received the “TSE Covid-19 Safe Campus Certificate in the Context of the Global Epidemic.”

Since the 2021-2022 academic year, the Safe Campus practices has been implemented on all campuses.

22. UNITED NATIONS 2030 SUSTAINABLE DEVELOPMENT GOALS (SDGs) AND CAPPADOCIA UNIVERSITY SUSTAINABILITY EFFORTS

In accordance with the relevant internal governing documents of Cappadocia University, the general objectives of KÜN Sustainability Commission are to create awareness about natural and cultural sustainability on the part of collegiate and external partners and stakeholders, and to plan, monitor, report, and assess sub-activities that encourage and support sustainability. The specific objectives of the Commission as regards the main impact areas that are aligned with the general objectives are as follows: Setting and Infrastructure, Energy and Climate Change, Waste, Water, Transportation, and Education and Research & Development. These have been the main impact areas targeted by the KÜN Sustainability Commission that were initially inspired by the classification of intervention areas defined by the UI Greenmetric University Ranking System. However, since these impact areas are also in direct relationship with the 17 Sustainable Development Goals (SDG's) announced by the UN 2030 Agenda, as shown in Figure 11, starting from the 2021-2022 reporting period, a decision was made to include a section in this annual report to highlight the SDG dimension of the major developments and practices of the reporting year in question. Accordingly, all these goals were reflected in all kinds of events and activities carried out within the university in the 2022-2023 academic year.



Fig. 11: UI Greenmetric Impact Areas & UN SGD's Relationship



Figure 12. 2022 GreenMetric Certificate

Mustafapaşa Best Tourism Village

The village of Mustafapaşa, home of the university's central campus was selected as the “Best Tourism Village” by the UN World Tourism Organization (UNWTO) in December 2021 for effectively addressing 9 out of 17 SDG's.

Mustafapaşa, formerly known as Sinasos, is located in Cappadocia Region with around 1,300 inhabitants. It has a unique view with its stone buildings on the margins of 5 surrounding hills. An open-air museum, Mustafapaşa has been home to various civilizations which left important examples of civil architecture like churches, mosques and stone houses with carved and ornamented facades, showcasing the scenery of the region shaped by its topography and climate.

Diversity enriches the life in Mustafapaşa where the Balkan and Anatolian cultures are intertwined, contributing to the development of peculiar arts and crafts such as pottery, tile- making, doll making and stonemasonry. Rural economic activities in the village vary from agriculture to stockbreeding to tourism.

Due to its outstanding cultural and historical heritage and location on crossroads, Mustafapaşa has always been an attraction for visitors; however, tourism has grown naturally and gradually in the last decades. The increasing interest in the region has led to diversification of tourism products, and an increase in income and job generation for all segments of the community, especially for women and youth.

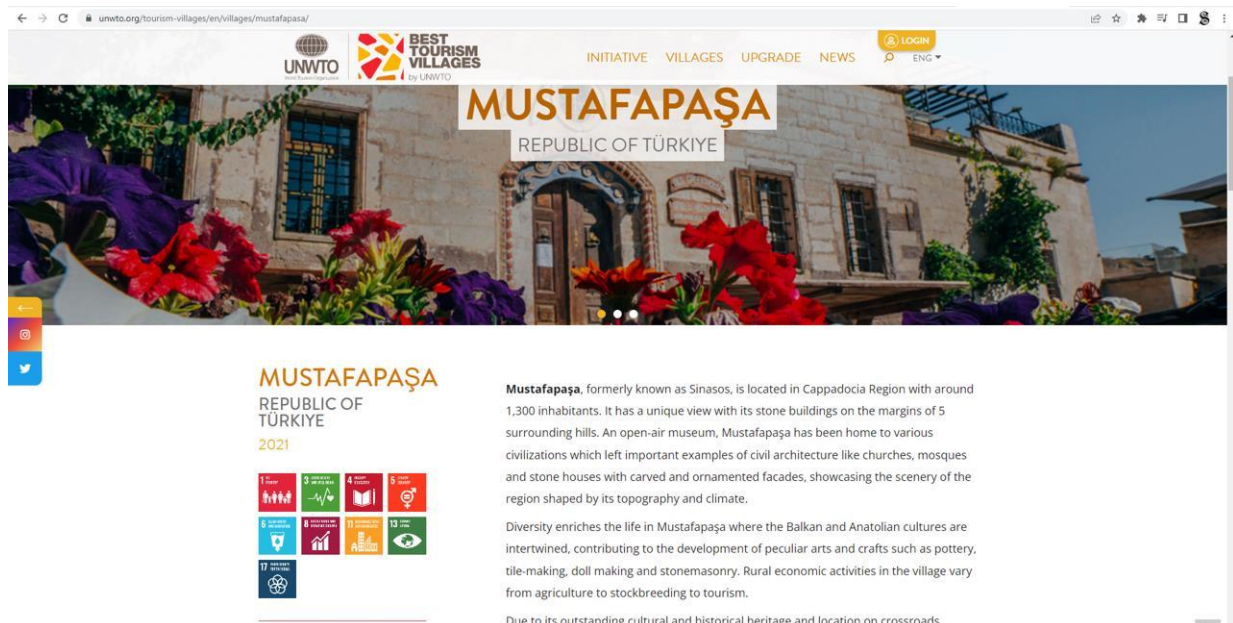


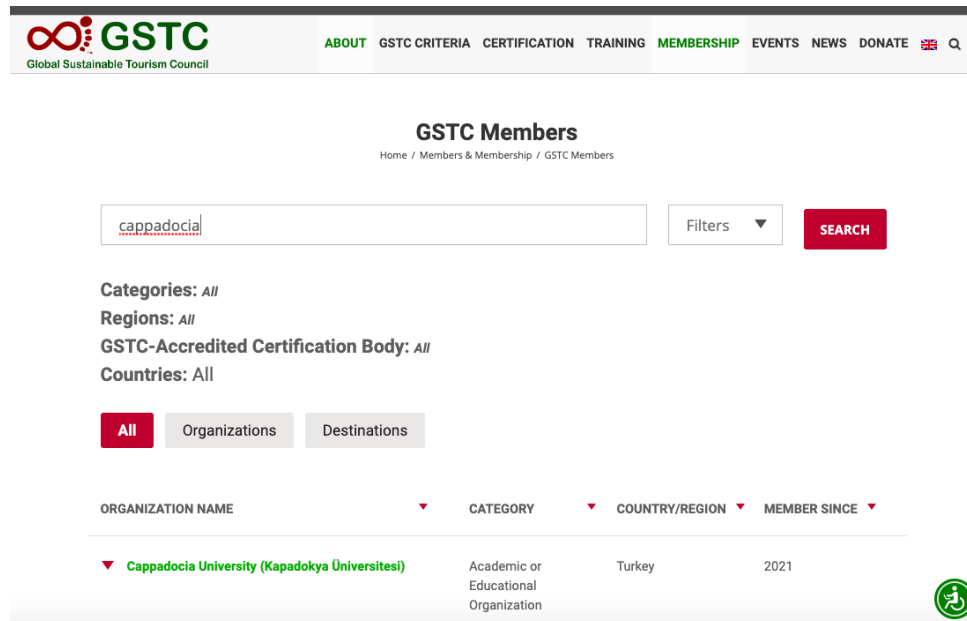
Fig. 13: Mustafapaşa profile page on UNWTO website

Tourism has enabled the development of infrastructure and community services through public and private investments. The Conservation Plan of the village dated 2004 helped to increase awareness and protection of cultural heritage. The Tourism development plan has increased the community involvement in planning, management and decision-making mechanisms coordinating as well with regional and local DMOs, Cappadocia University and other stakeholders.

In Mustafapaşa, tourism contributes to “rural development and balanced growth through inclusive, sustainable and innovative actions empowering community and businesses, while protecting common cultural heritage, diversity and genuine lifestyle of Cappadocia.”

As such the activities in the village that are implemented in close collaboration with Cappadocia University address the SDGs 1: No Poverty, 3: Good Health and Well-Being, 5: Gender Equality, 6: Clean Water and Sanitation, 8: Decent Work and Economic Growth, 11: Sustainable Cities and Communities, 13: Climate Action, 15: Life on Land. For details, please visit the official website <https://mustafapasakapadokya.org/en/>.

Global Sustainable Tourism Council (GSTC) Membership



The screenshot shows the GSTC website's membership search results. The header includes the GSTC logo and navigation links: ABOUT, GSTC CRITERIA, CERTIFICATION, TRAINING, MEMBERSHIP, EVENTS, NEWS, DONATE, and a search icon. The main heading is "GSTC Members" with a breadcrumb trail: Home / Members & Membership / GSTC Members. A search bar contains "cappadocia" and a "SEARCH" button. Filter options are listed: Categories: All, Regions: All, GSTC-Accredited Certification Body: All, and Countries: All. Below these are tabs for "All", "Organizations", and "Destinations". The results table has columns: ORGANIZATION NAME, CATEGORY, COUNTRY/REGION, and MEMBER SINCE. One result is shown: Cappadocia University (Kapadokya Üniversitesi), categorized as "Academic or Educational Organization", located in "Turkey", and a member since "2021". A green circular icon with a white figure is visible in the bottom right corner of the table area.

ORGANIZATION NAME	CATEGORY	COUNTRY/REGION	MEMBER SINCE
▼ Cappadocia University (Kapadokya Üniversitesi)	Academic or Educational Organization	Turkey	2021

Fig. 14: Cappadocia University profile page on GSTC website

Founded in 2018, Cappadocia University Center for Social and Strategic Research gives priority to tourism research and development. The Center provides consulting services to governmental and municipal bodies for the development of sustainable tourism policies, tourism strategic plans, and competitiveness of the tourism industry. Cappadocia University is the only institution authorized to give GSTC certified training in Turkey. Following the university's membership in 2021, it started offering three GSTC trainings from fall 2022.



(<https://sem.kapadokya.edu.tr/kuresel-surdurulebilir-turizm-konseyi-onayli-egitimler>):

- GSTC Sustainable Tourism Training Program - STTP
- GSTC Sustainable Hotel Course
- Sustainable Tourism Training for Professionals

With this membership Cappadocia University will play a leading role in the establishment of Sustainable Tourism in Turkey.

Education for Climate Resilient European Heritage Architecture" (e-CREHA) Erasmus+ KA 203 Project TOBB University of Economics and Technology and Cappadocia University Cooperation Protocol

Within the scope of the project handled within the framework of the Cappadocia University and TOBB ETÜ cooperation protocol, the International Graduate Student Workshop named "Climate Change Adaptations", organized by TOBB-ETÜ Department of Architecture, was held within KÜN with various events. The workshop was completed with four field studies selected at different scales in the Cappadocia region with the theme of adaptation to climate change.

<https://kapadokya.edu.tr/haberler/uluslararasi-yuksek-lisans-ogrenci-calistayinin-acilisi-universitemizde-yapildi>

Participation in the 25th General Assembly of the United Nations World Tourism Organization (UNWTO)

Our University, located in the world's best tourism village, participated in the 25th General Assembly of the United Nations World Tourism Organization (UNWTO), which is responsible for promoting sustainable and universally accessible tourism, held in Samarkand in line with the Sustainable Development Goals. At the summit, where member organizations aimed to improve their cooperation on their work, the development of tourism and the Sustainable Development Goals and their support through education and training activities were discussed.

<https://kapadokya.edu.tr/haberler/birlesmis-milletler-dunya-turizm-orgutunun-unwto-25-genel-kuruluna-ust-duzeyde-katildik>

Environmental Management System as per TSE EN ISO 14001: 2015 Certification

After fulfilling the requirements of the international standard in the 2021-2022 reporting period, Cappadocia University was awarded the Environmental Management System as per TSE EN ISO 14001: 2015 Certificate. With this certification especially organizational structure and infrastructure related practices of the university were approved for compliance with the SDGs 11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, and 13: Climate Action.



SERTİFİKA CERTIFICATE

TS EN ISO 14001:2015 Çevre Yönetim Sistemi
Environmental Management System as per TS EN ISO 14001:2015

In accordance with BBS procedures, it is hereby certified that



KAPADOKYA ÜNİVERSİTESİ

**Kavaklıönü Mahallesi, Ahmet Taner Kışlalı Cd. No:4
50420 - Mustafapaşa, Ürgüp / NEVŞEHİR**

BBS prosedürlerine göre yukarıda belirtilen standart şartlarını karşıladığını kanıtlamıştır.

Applies a management system in line with the above standard for the following scope

Kapsam

Scope

**Eğitim-öğretim, araştırma ve geliştirme,
yönetim sistemi ve topluma katkı
faaliyetleri.**

**Education-training, research and
development, management system
and community contribution
activities.**

Sertifika No / Certificate No 1278-01

İlk Belge Tarihi / Initial Certification 17.08.2022
Belge Geçerlilik Tarihi / Valid Until 16.08.2023

Belgelendirme Kuruluşu / Certification Body
BBS A.Ş.

Ankara, 17.08.2022

Belgelendirme BBS testik ve belgelendirme prosedürlerine uygun olarak gerçekleştirilmiştir ve düzenli gözetim testiklerine tabidir.
Certification was conducted in accordance with BBS auditing and certification procedures and is subject to regular surveillance audits.



Bu sertifikanın geçerlilik durumu www.bbsas.com.tr ve tids.turkak.org.tr adreslerinden doğrulanabilir.

Belge üzerindeki karekod QR okuyucu ile okutulmak suretiyle de doğrulama yapılabilir.

The authenticity of this certificate may be verified at www.bbsas.com.tr and tids.turkak.org.tr.

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www.bbsas.com.tr

Fig. 15: ISO 14001 Environmental Management System Certificate

Climate Crisis Awareness Resources Database Project

Even though the verbal and visual resources that offer reliable information presented in attractive and plain language so as to make the phenomenon of climate crisis accessible and easy to understand on the part of different segments of societies abound, the availability and accessibility of these resources in Turkish are very limited. To address these needs, the Climate Crisis Awareness Resources Database Project aims, firstly, to create a pilot database by way of bringing together verbal, visual, and audial resources that explain the reasons and consequences of climate crisis, future projections, suggestions for problem-solving, and existing practices toward the solution and making them accessible in the Turkish language.

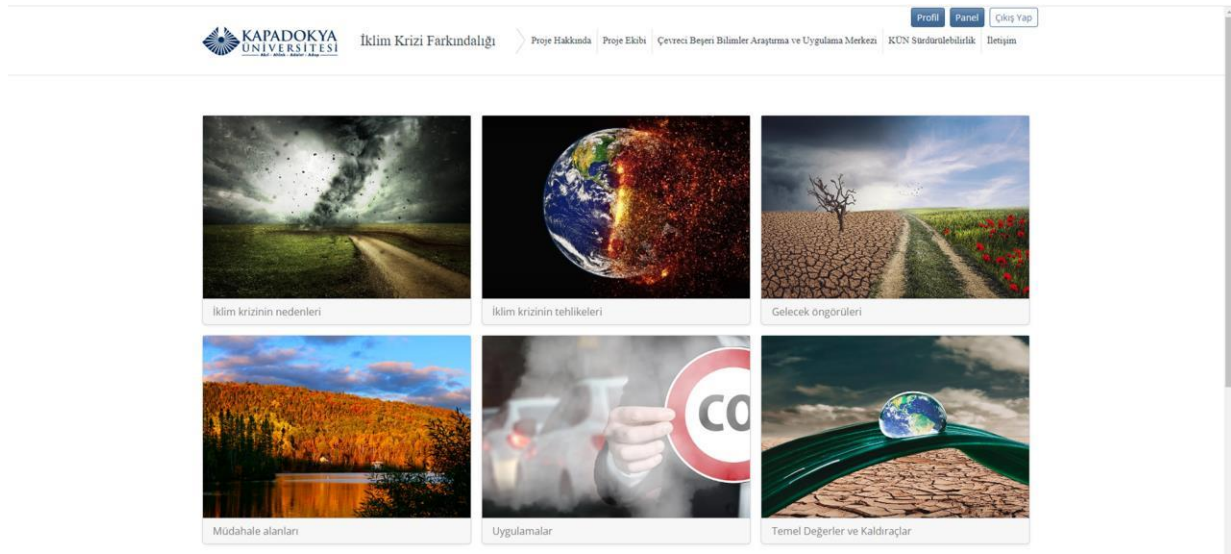


Fig. 16: Climate Crisis Awareness Resources Database

The database will be available on a project website (See Figure 16) which will be created, updated and sustained during the potential next stages of the project work. In the next stages of the project, the materials created during the project will not only be available on the project website, but will also be proposed to Cappadocia University Publications to be published as an open access e-book.

Zero Waste Certification

Cappadocia University was awarded the Zero Waste Certificate by the Ministry of Urbanization, Environment and Climate Change for compliance with the requirements of the “Zero Waste” program in the 2021-2022 reporting period.

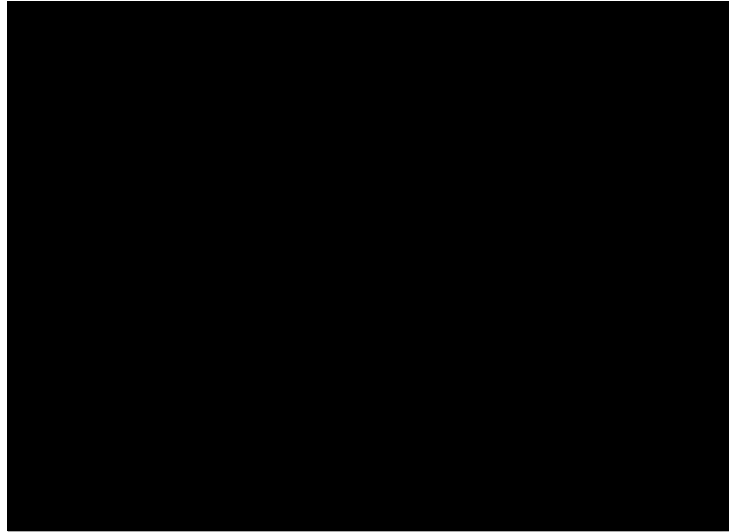


Fig. 17-18: Zero Waste Certifications for Mustafapaşa and Ürgüp campuses.

Efforts will continue in the 2023-2024 academic year to receive the Zero Waste certification for the remaining campuses.

GreenStars Sustainability Model Certification

At end of the 2021-2022 reporting period, Cappadocia University initiated the GreenStars Sustainability Model certification process by submitting the application for Compliance Statement. The program that is implemented by Yıldız Technical University’s Technology Transfer Office and

RoyalCert is to ensure institutional compliance toward the meeting of 17 SDGs. The "GreenStars Sustainability Model Conformity Declaration", which is the corporate declaration that Cappadocia University will carry out its business processes and activities in accordance with the United Nations 2030 Sustainable Development Goals (SDGs) in accordance with its vision and strategies in the 2022-2023 reporting period, has been approved by GreenStars.

During this reporting period, Cappadocia University, whose "GreenStars Sustainability Model Conformity Declaration " was approved, became the first higher education institution in Turkey to receive the Conformity certificate. In this context, the institution will be subjected to an institutional monitoring process for one year at the targeted certification stage, its environmental, economic and social sustainability performances will be monitored with key performance indicators collected under four main headings, and if deemed appropriate after the evaluation and analysis to be made regarding these indicators, it will be entitled to receive the "GreenStars Certificate" valid for one calendar year.

<https://kapadokya.edu.tr/haberler/universitemizden-surdurulebilirlik-alaninda-bir-adim-daha-kun-greenstars-surdurulebilirlik-modeli-uygunluk-beyani-onaylandi>



Fig. 19: GreenStars Sustainability Model website



Figure 20: Declaration of Conformity for GreenStars Sustainability Model

CONCLUSION

In 2022-2023, Cappadocia University made visible and measurable progress towards its strategic goals regarding environmental sustainability as defined in its governing documents.



During the next reporting period (1 September 2023-31 August 2024), Cappadocia University aims to further strengthen its efforts towards the dissemination of sustainability discourse in and outside of Turkey. To this end, the existing network with the local, national, and international partners will be strengthened and expanded. The sustainability-related structures, programs, and initiatives that were established in the since the 2022-2023 academic year will be monitored and revised as necessary for a more impactful result of Cappadocia University's financial, socio-cultural and intellectual investment in sustainability.