



Özyeğin University SDG Report 2021

1. No Poverty



Scholarly Output:

11



International Collaboration:

4



Field-weighted Citation Impact:

1.87



Number of Total Projects:

6



Number of Events:

5

1.

Scholarship and Financial Support

Inclusion is one of OzU core values. We advocate that education is a pathway to employment and economic security and should therefore be **accessible to students from all backgrounds and circumstances**. OzU celebrates and welcomes **diversity**, and is committed to providing appropriate support to enable students to succeed in their studies and beyond.

Of the **7,429 students** enrolled in at least one semester of the 2021/22 academic year, **91% (6,739 students)** have **scholarships**. 591 students received stipend scholarships, in addition to **952 students** receiving lunch scholarships, and **477 students** receiving accommodation scholarships.

2.

Scholarship Program for Equality of Opportunities in Education

In recognition of its social responsibility, the University launched the **Scholarship Program for Equality of Opportunities in Education (EFEB)** in 2015. Through the program, the University offers an outstanding higher education opportunity to prospective students who succeeded in ranking among the **top 1% in the Turkish national University entrance exam** but were unable to qualify for full scholarship programs, due to financial limitations. This scholarship program continues to thrive with the generous donations that made it possible to see the number of recipients soar to 103 in the 2021-2022 Academic Year.

The impact of EFEB is measured by using social impact analysis methodology to understand whether or not the transformative experience offered actually delivers the expected contribution. It has been found that a higher percentage of EFEB scholars **meaningfully start job seeking** earlier and there is a statistically meaningful impact on their competency development.

3.

Ozyegin Rural Development Model

Ozyegin University carries out studies in the fields of sustainable rural development and agriculture and food systems in the components of **education, academic publication, creating student experiences, and preparing local development plans**. OzU takes the United Nations Sustainable Development Goals as a reference in these studies.

OzU Rural Development Model, which is shaped by the experience of integrated, rights-based programs initiated by Ozyegin Foundation in 2007, has made it its mission to **build bridges between academia, public, non-governmental, and producer organizations** to strengthen rural life. In this context, more than **400 professionals** have benefited from the **“Local and Rural Development Specialisation Certificate Program”** in which academics, local governments, civil society, both public and private sector representatives share their knowledge and experiences.

OzU Sustainability Platform prepared the **“Research Report on the Integration of Rural and Urban Economies”** in cooperation with the Ministry of Industry and Technology and Ozyegin University in 2021.

This research examined the integration based on districts in terms of different axes such as production, consumption, demographics, and manifestations of social life, and produced policy recommendations on these axes. 170 districts included in the scope of the research were measured and classified over 41 different economic, social and cultural variables. The research report is the first study to analyze the integration of rural-urban economies according to quantitative data.

Investment Plans for Mardin/Ömerli, Adyaman/Besni districts, and Kilis/Ravanda Basin were prepared by the cooperation between the Southeastern Anatolia Project (GAP) Regional Development Administration, Ozyegin Foundation, and Ozyegin University. District investment plans, which focus on holistic and sustainable local development, set an efficient example of multi-sectoral cooperation with the active role of universities, civil society, and public institutions.

The model also enables OzU students and academicians to experience sustainable rural development practices on-site. In this context, the villages where the Hüsnü M. Ozyegin Foundation has implemented rural development programs in Bitlis and Kilis are visited. During these visits, support is provided to meet the material needs of village schools.



4.

OzU Cares Social Responsibility Projects-OzU Care Packages

During the Covid pandemic OzU staff regularly provided essential household supplies to the 57 families who are in need, residing in the surrounding neighborhood of the campus. Additionally, during the 21-22 academic year, 8. OzU Care Packages project was sent as stationery gifts to 247 students in Diyarbakir this time. Thus, a total of 4007 children in 16 different village schools were given gifts.



2. Zero Hunger



Scholarly Output:

5



International Collaboration:

1



Field-weighted Citation Impact:

0.38



Number of Total Projects:

2



Number of Events:

7

1.

Dining Scholarships

Ozyegin University provides **dining scholarships** based on academic success and needs. In the 2021-22 academic year, **952 students received dining scholarships** including the **students with academic success and students who declared their need** and provided necessary documents. The university management is working on different ways to support its students.

2.

Campus Food Waste

OzU continues to address food waste on campus. University encourages retailers to review portion sizes and implement **retailer-specific strategies to minimize food waste**. OzU also supports retailers to keep food waste out of landfill by participating in the **University's food and organics waste collection service** and encourages retailers to donate excess food.

3.

Agro-Food Studies and Local Development Lab (LOAF)

LOAF was founded in 2021 to conduct academic research in the fields of **food, agriculture and local development**, to produce data-based information and practice-oriented knowledge, which simultaneously includes the cause, effect and solution possibilities of the ecological crisis we are going through on a global and national scale. It was established to develop models for the emergence and dissemination of examples for sustainable **agro-ecological agriculture practices, assurance and justice in accessing healthy food, strengthening local communities, increasing the management capacity of local governments, ensuring economic, social and cultural integration between rural and urban areas and combating rural poverty**. The Laboratory sees academia and practice as a spiral that feeds and reproduces each other and implements its work with this understanding.

LOAF

4.

PAKMAYA Food Safety Training

An online food safety training program was prepared by Pakmaya Profesyoneller Dünyası (PDA) (Pakmaya Professionals World Academy) and the Department of Gastronomy and Culinary Arts at Ozyegin University in collaboration with the responsibility of public health. This collaboration aims to provide essential food safety knowledge to food producers, such as chefs, managers, servers, and other professionals in bakery and restaurant businesses. They will be able to recognize any food safety risks they may face and produce solutions for them. This online training is completely open for anyone (e.g. housewives, teachers, pupils, etc.) and free of charge.

5.

Guru Gıda-Healthy Food

Founded by Ozyegin University Faculty Member Dr.Aslı Zuluğ this company produces healthy nutrition products, receiving an investment with a valuation of 2.5 million dollars in its first investment round. The company produces Turkey's first natural collagen and protein chips' PACHA. With the vision of "science for healthy food", Healthy Food is establishing a school of food and culture between past and future, local and global with products. The initiative is also supported by TÜBİTAK and the Royal Academy.

6.

Ecological Life and Food Club

This student club aims to apply and spread permaculture design principles, sustainable agricultural practices, and a holistic management approach. It aspires to contribute to a culture that questions the relationships between production and consumption processes, preserves biodiversity, has waste-free living habits, and is conscious of quality food. They organize activities such as introductory permaculture training, tasting events, soap-making workshop, participation in planting and harvesting of small producers, seminars and interviews, documentary screenings, and book reviews.

7.

Research on "New Peasantry"

OzU Gastronomy and Culinary Arts professor Candan Türkkan's research aims to identify, define, and explain the generation of a new generation of upper-class farmers in the Turkish countryside following the structural transformation of Turkish agriculture since the 2000s. Unlike the well-research lower class 'new peasants' of Latin America and Africa, these 'neo-peasants' are usually highly educated (with at least an undergraduate degree), have a long-term experience in a high-paying white-collar job in the urban economy through which they have accumulated financial capital and acumen and are active internet users (particularly the social media). They have moved from an urban centre to a rural area not because they have to but because they wanted to. They see farming and agriculture both as a lifestyle and a sector in which their eco-conscious investments will have high returns. Connected to the urban and rural economies thus, they have played a significant role in the transfer of capital and resources from urban economy to rural economy, particularly to farming and agriculture. Her research explores these dynamics further, uncovering particularly the effects of the food movement writ-large and the latest trends in gastronomy in the public imaginary to initiate such a change vis-à-vis farming, agriculture and peasant lifestyles.



Ekolojik Yaşam ve Gıda
Topluluğu

3. Good Health and Wellbeing



Scholarly Output:

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International Collaboration:

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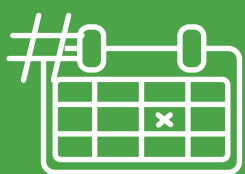
Field-weighted Citation Impact:

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Number of Total Projects:

8



Number of Events:

59

1.

Staff and Student Wellbeing

OzU provides free mental health support to both its students and staff through different channels. **Psychological Counseling Services** aim to support students by facilitating their adaptation to university life, contributing to their personal development, assisting them in overcoming potential academic, personal and social challenges and acquiring new skills to cope with daily life problems. All students currently enrolled are eligible for psychological counseling services and these services are free of charge. There is also a **Leading Employee Assistance Programme (LEAP)** which is a comprehensive support programme offered by Ozyegin University to all its academic and administrative staff as well as their nuclear family living under the same roof. The programme is free of charge and designed to provide assistance with overcoming any challenging issues which affect employees' efficiency and quality of life.

2.

OzU Couple and Family Center (OzUÇAM)

Ozyegin University Couple and Family Center was established in February 2017 as a training, application and research center for Couple and Family Therapy master degree program. The center is open to **OzU students and university staff** and also any individuals outside of the university. **OzUÇAM** aims to do scientific and societal contributions by providing accessible couple and family therapy services for the community. In addition, **OzUÇAM** is a center conducting research projects, and providing certificated training programs in couple and family therapy, as well as psychoeducation for individual and relational growth. As of May 2022, **OzUÇAM** reached 769 counselees and provided 7482 counseling sessions. 65% of all the people receiving support from **OzUÇam** are non-OzU members whereas 31% are OzU students and 3% are OzU staff.





3. Post-Disaster Service Delivery Planning for Chronic Dialysis Patients Project

Disasters, affecting the lives of thousands of people, pose a serious life threat to chronic patients who need regular treatment even under normal conditions. Decisions should be made in a complex post-disaster environment, such as which healthcare facilities patients will be referred after a disaster, whether reduced treatment options should be applied, and how to schedule the dialysis treatment sessions in the dialysis centers. This project supervised by Prof. Dr. Burcu Balçık from OzU Industrial Engineering aims to introduce new resource planning problems addressing disaster preparedness and response stages to serve the vulnerable chronic dialysis patients better and develop effective mathematical models and solution methods for these problems.

Prof. Burcu Balçık is also in a project team that aims capacity planning at a hemodialysis clinic during covid-19 pandemic to mitigate infection spread.

4. MEDICAL: Development of Immersive Training Environments for Myoelectric Prosthetics Project

OzU VR Lab puts efforts to contribute to upper limb myoelectric prosthesis training. Since conventional training methods for prosthetics fall short and need improvement for amputees, modifying conventional training methods towards Immersive Virtual Reality environments will help produce better results concerning prosthetics adoption. Moreover, adding the element of gamification can improve patient motivation and learning outcomes. Considering these facts, it is necessary to study if upper limb prosthesis training can be improved through gamified immersive virtual reality and how such an environment should be formed.



4. Quality Education



Scholarly Output:
30



International Collaboration:
11



Field-weighted Citation Impact:
0.99



Number of Total Projects:
11



Number of Events:
51

1.

Sectoral Education

In line with the OzU's Education Policy, the academic curriculum is backed by an **innovative sectoral education program** and **experiential learning**. The Sectoral Solutions courses provide students a series of elective courses on a wide range of subjects including **sectoral expertise**, **learning how to learn**, **introduction to data science**, and **general systems thinking**. In 2021-22 5 new courses were added to 9 Sectoral Education courses despite the existence of various challenges that the pandemic brought: SEC 150 **Living with Mindfulness**, SEC 210 **Data Science for Everyone**, SEC 250 **Learning to Learn**, SEC 406 **Technology and Innovation - A Multidisciplinary Perspective**, SEC 407 **General Systems Thinking**.

2.

Digital Campus

A commitment to sustainability is part of the fabric of OzU digital learning and teaching environment. As campus access for learning and teaching activities was extensively restricted for much of 2021, learners and teachers needed support to continue their activities with as little disruption as possible. **OzU OLTE (Office for Learning and Teaching Enhancement)** worked extensively with partners (particularly **Information Technology Services** and **college learning and teaching teams**) to appropriately adapt to the digital learning environment. From a sustainability perspective, increased usage of the digital learning environment is particularly promising as it offers future opportunities for students to make choices in how and when they learn.

During 2021, OzU was forced to shift as much learning and teaching activity as was possible online when campuses were closed. **The quick roll-out of remote learning means that students now have more flexible access to course learning materials when they need them.** In 2021 OzU OLTE aired **5 best practice videos** on its website, and organized **38 training** with **3148 participants** in total. As an example, **The HyFlex class**, thanks to its flexible structure and extensive technical equipment, aims to present all the activities to be carried out with the instructors in the learning and teaching process from a comprehensive perspective by **integrating them from technical and pedagogical aspects.**





3.

WeCord Project

The Erasmus + Project “Open Educational Resources on Enabling Technologies in Wearable and Collaborative Robotics” (WeCoRD) launched under the leadership of OzU as the consortium leader, and Ford Otomotiv Sanayi A.Ş., Katholieke Universiteit Leuven, Saint Petersburg National Research University of Information Technologies, Mechanics and Optics, and Universiteit Twente as the project partners.

Led by Dr. Barkan Uğurlu, the OzU technical team works on the integration of enabling technologies in wearable robotics with graduate programs and relevant professional education programs in collaboration with the international partners over the course of 36 months. In this context, WeCoRD project aims to enhance the EU higher education capacity in teaching enabling technologies in wearable and collaborative robotics for medical and industrial applications to fill in the skill gap between, on the one hand, the industry and the labor market needs and, on the other hand, the quality, and quantity of the graduates.

4.

Immersive Design and New Digital Competences for the Rehabilitation and Valorization of the Built Heritage Project (ID4Excellence)

The project ID4Excellence under Erasmus + Program, in which OzU is a partner with the leadership of Assoc. Prof. Alessandro Camiz from the Faculty of Architecture, has been recently granted. The main objectives of the project are; upgrading and innovating existing training programs with up-to-date Immersive Design methods and tools for the built heritage interventions; improving the effectiveness of teaching and learning through the application of an inclusive, immersive design approach to the project; increasing the synergic use of up-to-date technologies, increasing the cooperation among educational institutions and enterprises in the EU for better employability. In addition, new training programs are spread at the local level through Training of Trainers and piloted through local courses addressed to both students in third-level education and postgraduate architects, engineers, professionals in the construction sector.

5.

Learn and Experience Science Together Online Project (LESTO)

The main aim of the ongoing Erasmus + project LESTO, coordinated by Prof. Tufan Adiguzel, is to digitalize the physical environment and tools required by science education and eliminate the spatial dependencies of students and teachers and contribute to eliminating the gaps for disadvantaged groups. To support this aim, the “hands-on science digital education platform”, “digital hands-on science education kits” and “the teacher and student” guide will be prepared within the project.



6.

Supporting “Teachers Network”

Teachers Network aims empowerment of teachers by creating a sustainable learning environment in which teachers can collaborate with their colleagues and stakeholders of education from various disciplines. The Network creates a platform for interaction where teachers can lead, change and transformation to help improve student success and the quality of education in Turkey. Activities held by teachers and the output produced within adhoc working groups and hybrid programs reached more than 15.000 people across 70 cities in Turkey thanks to the network model’s capability of bringing together teachers with educational stakeholders.

Ozyegin University regularly hosts and supports the network’s annual 3-day long “Summer Meeting” which is an education festival where teachers from dozens of cities, from different branches and levels, feed off each other, produce together.



5. Gender Equality



Scholarly Output:
13



International Collaboration:
6



Field-weighted Citation Impact:
1.53



Number of Total Projects:
12



Number of Events:
50

1.

Gender Equality in Recruitment and Career Planning

Led by the Gender Equality Action Plan, OzU continued to identify and address barriers to women's inclusion and career progression. The University remains focused on delivering strategic, sustainable and meaningful change across priority areas: leadership and governance, employment conditions, and women's career advancement. As of July 2022, 58% of the academic staff and 55% of the administrative staff are women. In the 2021-2022 Academic year, 25 out of all promotions at OzU were awarded to women (64%) and 56% of OzU's managers were female with a significant increase from %50 in the previous academic year.

2.

OzU Gender Ideathon

The OzU Gender Ideathon event was organized by the Gender Equality Office as part of activities for March 8, International Women's Day, with the aim of asking Ozyegin University students to question the gender inequalities that have infiltrated and entrenched in daily life and to mobilize students to be part of the solution. OzU organized two major activities: a series of talks titled "Searching for Gender Inequalities in Everyday Life" and competition-formatted idea marathon. The teams participating in the Ideathon developed solution proposals and created their own projects. By the end of the Ideathon 3 projects (a project to prevent sexism in communication materials of the university, a project to disseminate gender equality awareness at kindergartens and a project to design a support mechanism for stakeholders of the university who feel threatened by gender-based violence) were awarded.

3.

Gender Equality Office (GEO) Workshops

Workshops on Relationship and Dating Violence:

In the series of events themed "Safe Relationships" organized by the Psychological Development Unit, 2 different workshops "They saw you online" and "Let's name it: Violence" were held by the GEO. "They've Seen You Online" workshop was also offered to OzU Cares volunteer students.

Workshops on Communication:

Women journalist platform **Not Without You, Not Without Your Voice (SOSO in Turkish)** is conducting the project “Let the Women Explain”, which aims to **increase women’s visibility in the media**. Within the scope of this project, **a training open to only Ozyegin University female academics** was organized in cooperation with Ozyegin University GEO and SOSO. The training supports women academicians to become experts in communicating with the media while empowering them before an audience on the screen or in the public domain.

Workshops in Summer School for High School Students:

Within the scope of **Ozyegin University High School Summer School**, a total of 6 gender equality-focused courses were offered. In addition to the lectures given by GEO advisory board member **Berna Zengin**, the Office held 3 different sessions: “Domestic Unpaid Labor”, “Gender of the Kitchen” and “Good Practices in the Field of Gender in Turkey”.



4. UniSAFE

Although Ozyegin University uses in-house mechanisms to track gender-equality, it additionally participates in **EU-funded UniSAFE** project that aims to produce **better knowledge on gender-based violence and sexual harassment in research performing Organizations**. Related surveys shared with all internal stakeholders, including students, administrative units and academic staff and the data will guide the university in determining its long-term plans.

5. Gender Backlash Project - Turkey

This research project was founded by the **Institute of Development Studies** and coordinated by **Assoc. Prof. Çimen Günay Erkol**, is part of a research consortium on **countering gender backlash in different countries**. The project team aims to analyze the emphasis by certain agents on family values as the primary institution in which women are to be empowered, which creates a liminal space that is closely related to the gender backlash discussions. The Turkish leg of the project is carried out at our university.

6.

Abusive Supervision, Workplace Incivility, Mobbing, Sexism and Sexual Harassment (AIMSS) Project

Ongoing **AMISS** project funded by **TÜBİTAK** and supervised by **OzU Dean of Faculty of Social Sciences, Prof. Dr. Canan Sümer**, aims to provide an extensive study on workplace mistreatment. Studies conducted in Turkey point to the pervasiveness of workplace mistreatment especially in the **form of mobbing and abusive supervision**. The Project AIMSS seeks to understand the **different types of workplace mistreatment and their consequences in the workplace by using measurement tools that also reflect the cultural context**. Moreover, we also aim to develop prevention and intervention programs to address different mistreatment types.

7.

“Nonviolent Masculinity Workshops” Online Manual

“Nonviolent Masculinity Workshops” Manual by Ozyegin University and the **Initiative for Critical Studies of Masculinities (ICSM)** was prepared as part of the project funded by the Consulate General of Sweden in İstanbul. The manual includes **key concepts and discussions on masculinities and violence from a critical perspective**; practical issues and suggestions about designing a workshop on masculinity and violence; a selection of sixteen activities to be used in workshops; and some best practice examples around the world. Particular importance was given to **integrate violence and discrimination experiences of migrants, people with disabilities, and LGBTQIA+ in the manual**. The manual is open access .

8.

Violence and Social Equality through Law and Interdisciplinary Approach

Prof. Dr. Özlem Yenerer Çakmut, **Asst. Prof. Sendi Yakuppur**, **Asst. Prof. Özge Yücel Dericiler**, **Işık Özer** and **Ferhat Yıldırım** from **OzU Faculty of Law** collaborated as editors on the book called **Violence and Social Equality**. The book included articles addressing topics ranging from **juvenile delinquency, prevention of violence against women, gender-based and sexual violence, and cyberbullying to child marriage** .

**COUNTERING
BACKLASH** RECLAIMING
GENDER JUSTICE

6. Clean Water and Sanitation



Scholarly Output:

2



International Collaboration:

2



Field-weighted Citation Impact:

0.85



Number of Total Projects:

1



Number of Events:

1

1.

Operational water use

OzU's Sustainability Policy provides guidance and direction to minimize resource consumption through good design, including actively promoting efficient water use and maximizing its reuse across the University. In 2021, OzU consumed a total of 5,31 m3 of potable water per person in higher education operations, a decrease of %10 from 2020 (5,88 m3) and a decrease of %39 from 2019 (8,68 m3). This decrease was significantly influenced by the COVID-19 Pandemic and the move to remote learning.

OzU Design Standards provides minimum standards for new buildings and refurbishments to minimize water use, through general design principles, water sensitive urban design initiatives, and specifying minimum water efficiency standards for fixtures and fittings. The University also applies water conscious planting considering the selection of drought-tolerant planting in the urban environment.

OzU actively encourages conscious water usage by sending messages to OzU community to promote reusable water bottles and advice students and staff to report dripping and leaking taps and toilets. OzU has drinking fountains and refill taps in kitchens and kitchenettes, providing students, staff and visitors with free drinking water.



2.

Ozyegin Campus

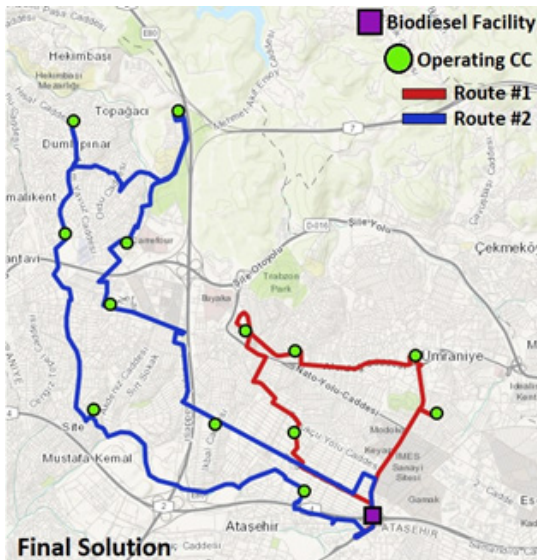
Ozyegin University campus buildings have LEED Gold certification. During the planting studies, it is aimed to reduce the consumption of water and the use of chemical fertilizer least by selecting local and adapted plants. The ratio of hard floors is kept low and permeable surfaces are used as much as possible to minimize the burden of the construction on the infrastructure and especially to the rainwater network. It is also planned that rainwater is collected and used again. Grey water collected from the faucets is purified and recycled in the siphon. In addition, water fixtures are used in the building and water saving properties in vitrification are sought. These selections are based on EPA (Environmental Protection Agency) standards.

3.

Network Design for Collecting Household Waste Cooking Oil

The improper disposal of waste cooking oil (WCO) (e.g., by pouring it down the drain) causes serious ecological contamination. An WCO environmentally friendly WCO disposal method is collecting the oil from the businesses (such as hotels, restaurants) and households, and using it as raw material in biodiesel production. While in the private sector proper WCO disposal is enforced by existing laws, the large amount of WCO produced by households mostly remains uncollected.

OzU professors [Burcu Balçık](#), [Ali Ekici](#), and [Okan Orsan Ozener](#), [Omer Berk Olmez](#) and [Ceren Gultekin](#) focused on designing an efficient WCO collection network, in which households deposit their WCO into the bins to be placed at several collection centers, which are then regularly collected by [capacitated vehicles to be used in biodiesel production](#). The authors formulated mathematical models and developed heuristic algorithms to solve the problem. A case study based on network data from Umraniye, Istanbul, is presented. This study can be a building block for further studies in WCO collection practices through households.



4.

There Is No Planet B!

In March 2021, Community Engagement Projects unit organized a [4-day a self-challenge event](#). This event aimed to inform the students about the water crisis and create awareness on the changes they can make in their daily life considering the urgency of the situation. The event included the screening of [the documentary “25 Liters”](#), [students’ calculating their water footprint](#), shooting a Reels video and joining to the live event and chat with Duyarlı ÖZÜ Volunteers about the crisis.



5.

The Finalist of the “Tomorrow of the Water” Project Competition

[Burak Asker](#), a sophomore Industrial Engineering student at OzU, has been named as a finalist for the [“Tomorrow of the Water”](#) organized jointly by the [Presidential Human Resources Office of the Republic of Turkey](#), and [ASELSAN](#). In the competition aiming to mobilize technology for a livable world, the six teams that made it to the finals among 125 teams competed with the projects to protect the water resources in Turkey and to manage them in the most efficient way.

7. Affordable and Clean Energy



Scholarly Output:
146



International
Collaboration:
43



Field-weighted
Citation Impact:
0.95



Number of Total
Projects:
13



Number of
Events:
5

1. Energy Use

In 2021, OzU achieved an energy use of about 75 MWh, which represents about a % 80 decrease from the 2019 numbers. This result was significantly influenced by COVID-19 and the move to remote learning, as well as the previously completed energy efficiency efforts and focus on building optimization.

OzU continues to operate onsite tri-generation plants at the campus and it has installed solar PV across the rooftops of the University building portfolio, maximizing the use of on-site renewable energy generation wherever practical. During 2021, OzU generated over 19GWh of electricity onsite.

85% of our annual electricity consumption is met with the 1.560Kw Trijen natural gas power plant, which was commissioned in September 2017. With this system, the flue and jacket water waste heat generated by Trijen's operation is used for heating and cooling. This corresponds to 20% of the annual heating and cooling needs.



OzU has several applications to restrict its carbon footprint including the use of wind power and solar panels on all the non-green roofs, as well as a trigeneration system for heating and cooling. It has recently started using a web-based carbon footprint calculator and carbon management software that provides the capacity to measure, track, report and manage its carbon footprints based on the guidelines of "The Greenhouse Gas Protocol". Ozyegin calculates Scope One and Two Emissions: emissions intensity and emissions reductions, using 2018 as the base year. OzU achieved a 34 percent decrease in greenhouse gas emissions in 2021 from the 2018 emissions baseline. (From 8891 tonnes Co2 to 5905 tonnes Co2)

2. Public Law LL.M. Program - Energy Law Specialisation

Energy Law has recently become an area of interest for both lawyers and other experts working in the field of energy. Ozyegin University offers a master's program with a thesis which is based on a multi-dimensional course catalog of energy law to the jurists and other professionals who want to specialize in this field. By the end of this program graduates gain in-depth knowledge of all aspects of energy law and conduct scientific research.

3.

Efficiency in Transformers Platform (TRAFORM)

The TRAFORM Platform was established within the scope of the agreement signed between eight electricity Distribution companies, Electricity Distribution Services Association (ELDER) and Ozyegin University. Electrical and Electronics Engineering Faculty Member Dr. Göktürk Poyrazoğlu leads the teams that examines 222 thousand transformers on the platform to develop under the project management. As a result of the project, it is aimed to reduce the energy losses from transformers by 50 percent.



The project consists of two phases and the first phase started in 2018 which entailed the production of a document called the National Energy Efficiency Action Plan. In the second phase, the projects that are included in the action plan and that can be taken into action are turned into a big project.

This project is carried out under the coordination of the Electricity Distribution Services Association, with the support of the Energy Market Regulatory Board and the Ministry of Energy and Natural Resources. It includes 3 different business packages. Ozyegin University undertook the energy efficiency work package in transformers in the first work package. Here, together with 8 companies that are stakeholders of the project in the distribution sector, we prepare a plan for more efficient replacement of transformers after analyzing data from 222 thousand units in 30 cities.

4.

We Come Second in Middle-East Africa Region in “Go Green” Competition Organized by Schneider Electric

The team founded by Ece Sümer, a senior Electrical-Electronics student, Sinem Öztürk and Fatma Nur Keleş, senior Industrial Engineering students, came in second in the “Go Green” competition organized by Schneider Electric with the participation of students from all around the world. The Go Green competition is intended to facilitate the development of new solutions to global problems. With the smart home system they designed in the “Homes of the Future” category,



OzU team drew attention to household energy consumption while also increasing awareness and facilitating energy saving. The team created a platform through which energy savings can be translated into donations for countries in need. The team also supported the system with a mobile application, making it much easier to integrate it into the daily life. The competition started in September 2021 and the OzU team advanced to the MEA Regional Finals held on April 6, 2021, as the only team to represent Turkey in the Go Green MEA Regional Semi-Finals.

8. Decent Work and Economic Growth



Scholarly Output:
28



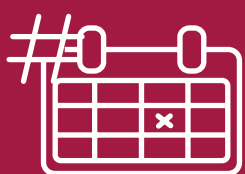
International Collaboration:
12



Field-weighted Citation Impact:
1.02



Number of Total Projects:
21



Number of Events:
159

1.

Careers and Employability of Our Students

OzU Professional Development team organizes seminars, training, case studies, mock interviews and on-campus interviews in cooperation with leading companies, in order to contribute to the students' professional life and job search processes. The team offers a rich selection of training to students to vest them with the required skills before they take the leap into professional life. The training programs focus on key skills, including CV development, interview techniques, and interpersonal communication. In addition to required internships, a rich selection of non-credit internship opportunities both at home and abroad is offered.

In 2021, students received careers guidance and support through professional development services which includes peer-to-peer appointments and one-on-one appointments. The unit also provided events including resume reviews, skill, and job-ready workshops. Students received 11 CV and cover letter writing training, 575 one to one CV counseling, 69 in-campus interviews, 14 interview counseling, and 79 unplugged talks adding up to more than 8000 students participating in Professional Development events.

2.

University Policy Commitments

OzU Human Resources Policy states that any form of forced or bonded labor is not used or tolerated. All work must be voluntary. Employees are free to terminate their employment. Recruitment that involves payments by employees to an agent will not be used.

OzU is committed to offering equal opportunities to all its employees concerning recruitment, promotion, and any aspect of employment. Discrimination is not tolerated in any form based on gender, race, nationality, ethnic origin, religion or belief, disability, age, or sexual orientation.

3.

Pre-Employment Training (PrET)

PrET is an exclusive education program designed for Ozyegin University senior students in collaboration with Ozyegin University's Sectoral Education and Professional Development Unit and TbeMark, the common platform of Education and HR professionals from Turkey's leading companies. It aims to expand the employment and skills development opportunities of students, by offering informal education and training activities designed to support the growth of our students as responsible professionals and citizens. The program has been organized since 2019. In 2021, 11 events were organized as a part of PrET and 176 students participated.



4. Abusive Supervision, Workplace Incivility, Mobbing, Sexism and Sexual Harassment (AIMSS) Project

The ongoing AMISS project funded by TÜBİTAK and supervised by Dean of the Faculty of Social Sciences, Prof. Dr. Canan Sümer, aims to provide an extensive study on workplace mistreatment. Studies conducted in Turkey point to the pervasiveness of workplace mistreatment especially in the form of mobbing and abusive supervision. While these studies point to the seriousness of the issue, in most of them scales developed in different cultural contexts have been used, and the focus was on a single type of workplace mistreatment in relation with an antecedent or outcome variable. To fill the gaps in the literature, Project AIMSS seeks to understand the different types of workplace mistreatment and their consequences in the workplace by using measurement tools that also reflect the cultural context. Project also aims to develop prevention and intervention programs to address different mistreatment types.

5. Leadership in Small And Medium Enterprises in Turkey (SME's)

The project titled “Factors Affecting Innovation Performance in SMEs in Turkey: Empowering Leadership Behaviors and Human Resources Management Practices to Increase Innovation” is granted funding by TÜBİTAK within the scope of TÜBİTAK 1001 – Scientific and Technological Research Projects Support Program and aims to examine how empowering leadership behaviors and HRM practices increase innovation in SMEs by shaping the psychological attitudes of employees and Organizational climate. The research aims to investigate topics such as individual innovation, Organizational innovation performance, empowering leadership behaviors and how these behaviors shape HRM practices and individual innovation in SMEs.

9. Industry, Innovation and Infrastructure



Scholarly Output:

70



International Collaboration:

26



Field-weighted Citation Impact:

1.53



Number of Total Projects:

26



Number of Events:

36

1.

Knowledge, Technology Transfer and Entrepreneurship Center and Onsite Academy

Ozyegin University has an umbrella unit that encompasses the OzU Technology and Transfer Office (TTO), Center for Entrepreneurship, Lifelong Learning Academy (LLA) and Openfab that work in cooperation to coordinate and enhance OzU's contribution to knowledge dissemination. With the support of the unit, the university has 314 patent applications , 107 granted patents and 4 granted utility models.

With a unique UIC model: Onsite Academy, Vestel (2013), Turkcell (2015) and Turk Telekom (2020) companies support academic chairs at OzU which entails salaries and the research budget. Research activities are carried out and joint patent applications are made with the companies. As of 2021-22 academic year, 239 students working in these companies are graduate students at OzU, 321 company employees are a part of the OzU alumni, 55 R&D projects had been conducted and 126 joint patents have been acquired.

OzU Center for Entrepreneurship Seminars and Training:

OzU Entrepreneurship Factory 11. Health and Education Foundation

Schools' Mission Possible Project: Entrepreneurship Seminars

The 5th Mission Possible project competition, which has the goal of contributing to a sustainable future, aims to give our high schoolers the opportunity to design their projects in the most efficient way. Ozyegin University provides a 6-module education program which gives students the opportunity to gain hands-on experience in project management, leadership and entrepreneurship.

Master Club Training within the Scope of the Platform for Women

Leaders in Real Estate:

GKL MasterClub Training offered by the Platform for Women Leaders in Real Estate focused on "Technology" and "Sustainability" for those who want to deepen their professional life, "Entrepreneurship" for those who want to establish and develop their own business, and "Personal Development" for those who need individual development in order to overcome the difficulties in business life.

2.

Higher Education Innovation Growth and Training- HEIght Project

HEIght project supervised by the OzU Center for Entrepreneurship is supported by the European Institute of Innovation and Technology (EIT) Higher Education Institutions (HEI): Innovation Capacity Building for Higher Education Program. The goal of the project is to boost the entrepreneurial and innovation capacity of universities and their stakeholders such as students, faculty, staff and alumni.



Call for International Entrepreneurs

HEIght Project offers an exclusive entrepreneurship program for ÖZÜ International Students!

With this project OzU aims at creating more opportunities for International Students to be more involved in Entrepreneurship Ecosystem. As of 2021-22 academic year, **international students from 20 countries** are trained as a part of the program. Entrepreneurs who complete the program, receive a Certificate of Achievement and benefit from financial support opportunities for their eligible projects. “**Investment Preparation Program for Technology Entrepreneurs**” is another component of the HEIght project, which is carried out in cooperation with Kavlak Law Firm. The program aims to develop the capacity of technology entrepreneurs with rapid growth potential to manage their investment processes in the most efficient way.

3.

Communications Theory and Technology Research Group

CT&T Research Group is led by **Prof. Murat Uysal** and conducts fundamental and applied research on the **physical layer aspects of communication systems**. Current research projects address the physical layer design of wireless communication systems, visible light communications, free-space optical communications, ultraviolet communications, underwater communications and vehicular networking among others.



4.

Additive Manufacturing Alloys Development, Application, and Research Center

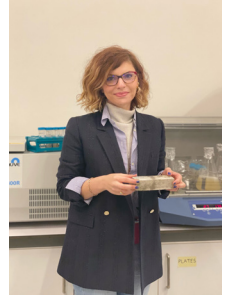
Within the scope of Istanbul Development Agency (ISTKA) Innovative Istanbul Financial Support Program for 2021, the project titled “**Additive Manufacturing Alloys Development, Application, and Research Center**” is coordinated by **Assoc. Dr. Güney Güven Yapıcı** from the Mechanical Engineering Department.

In the project, Turkish- German University takes place as a partner, and Tuşas Motor Sanayii A.Ş., TST Rakor ve Tıbbi Aletler Sanayii, Birinci Otomotiv San. Ve Tic. A.Ş., Ortopedik Tıbbi Malzeme İmalatçıları (ORDER) and Saha İstanbul Savunma Havacılık ve Uzay (SAHA) are also Associate Partners as sector representatives.

This project aims to establish a **specialized center** where solutions for the development of value-added products are implemented as a result of the **digital transformation of the manufacturing industry**. At the center, technology for additive manufacturing materials will be enriched with the support of research activities. The solutions will be transferred to enterprises in the relevant sector and researchers in the field to provide for the dissemination of the relevant technology and the transformation of the national economy.

5.

Construction Materials inspired from Nature



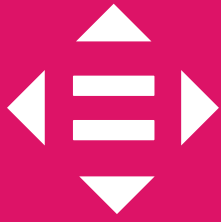
Dr. Zeynep Başaran Bundur from the Civil Engineering Department at directs her research studies with the vision of overcoming the global problems of the construction sector. In 2013, Dr. Bundur initiated the **Sustainable and Adapted Building Materials (SAM)** research group, the first multidisciplinary research group in Turkey to train researchers in microbiology, material science, and civil engineering. Recently, Dr. Bundur succeeded in **transforming concrete into a self-healing almost like a living material by adding biological additives to triggers the biomineralization in cracks**.

Dr. Bundur works on alternative **cost-efficient** methods on incorporating bacterial cells to cement-based mixture to provide the self-healing ability. She is currently working on “**Natural minerals as a Protection Barrier for Microorganisms in Self-Healing Mortars**” TÜBİTAK project integrating industrial leaders on application of self-healing cementitious materials.

Dr. Bundur also works on bio-based rheology modifying admixtures for cement-based materials where she uses bacterial cells to improve the fresh state properties of concrete. Her **invention “Cement-Based Compositions with Improved Rheological Properties and Methods for Production Thereof”** has been registered as a patent and has a Technology Readiness Level of 5. The patent was awarded with gold and silver medals in 2 different fairs.

Another research area that Dr. Bundur works on is the development of a **sustainable cement- based mortar suitable for 3D printers**. She has 4 major grants which were granted by national and international funds collaborating with other researchers and industry leaders. She has also been collaborating with researchers from Turkey and Slovenia in **revalorizing end-of-life materials as alternative SCM in concrete production and developing a “zero-carbon” concrete production ecosystem**.

10. Reduced Inequality



Scholarly Output:
36



International Collaboration:
12



Field-weighted Citation Impact:
0.88



Number of Total Projects:
14



Number of Events:
22

1.

Accessibility

Ensuring OzU is physically, technologically and culturally accessible for people with a disability remained a key area of focus in 2021. In 2021-22 academic year **91% (6739)** of 7.429 students received a form of tuition scholarship.

OzU promotes **inclusion** for thousands of students with disability through **individual education support plans, professional counselors, mental well-being programs, mentoring and internships, and accessible teaching and learning materials.**

— Disabled Students Unit

Disabled Students Unit organized under **Psychological Counseling Services** aims to facilitate access to all services and opportunities offered in the university and works in collaboration with other units to ensure the active participation of students who need special care, counseling and support in university life. In addition to standard support services, the Unit organizes creative drama workshops, art therapy workshops, movie screenings and awareness activities.

In the 2021-22 academic year, this office served **26 students** according to their disability types. A total of 18 activities were organized in 8 genres such as orientation, meeting, creative drama, sound theatre, and film screening, and 193 students participated in these activities.

— MyOzU Campus Navigation

Ozyegin University take another step and included a navigation system to their own mobile app MyOzU that shows the **accessible path ways for physically disabled people.**



2.

Legal Awareness Wand - Share & Care Clinic

The Legal Awareness Project's primary goal is to **remind law students of the importance of their role towards the society in which they live and the global society as a whole.** The project is conducted internationally, focusing mainly on underprivileged school students. The implementation of this project will be with the help of schools in the targeted countries which will take place during the school daily program as a first step, hoping for such a project to be integrated into the school curriculum as a next step. The project started with International Human Rights Law in 2021 and aims to touch on the main legal areas that directly affect the daily life of each member of the society, such as Labor Law, Insurance Law and Criminal Law. The project's first title International Human Rights Law deals with **the concept of human rights, with a focus on children's rights, women's rights, refugee rights, and LGBTI rights.**

DISİPLİNLERARASI ÇOCUK HAKLARI LABORATUVARI



3. Interdisciplinary Child Rights Studies Research Laboratory

The Interdisciplinary Child Rights Studies Research Laboratory aims to carry out interdisciplinary studies with an international rights-based perspective -interactive between theory and practice - in the field of child rights-based culture and child rights-based vocational education and training at universities and the protection of children's rights in the field of academic capacity building. The laboratory started its activities in 2019 with a foundational meeting of the Child Rights Network in Academia and workshops on the topic 'Towards to Child-Friendly Justice System,' which were both organized by Ozyegin University Law Faculty with the support of Research Worldwide Istanbul and The

2020 Child Rights Studies Postgraduate Thesis Awards were given in partnership with Interdisciplinary Child Rights Laboratory and Raoul Wallenberg Institute, Lund University.

4. Humanitarian Logistics

Assistant Prof. Dr. Dilek Güneç conducts several research projects on the quantitative decision-making models for migration or post-disaster debris removal. The two TÜBİTAK projects that she currently works on are on these issues. In the first project "Logistics Optimization in Mobile Aid Provision to En Route Refugees", a new multi-period problem with mobile demand and service continuity is introduced. The goal is to plan the delivery of relief aid to en-route refugees through mobile facilities. As part of the project, she also works on an Agent-Based simulation model where she uses real data to predict refugee paths.

In the second project "Optimization of Post-Earthquake Road Network Debris Removal Activities with Dynamic Containing Trees", the goal is to increase the level of accessibility to all nodes of a transportation network by planning debris removal activities. In both projects, the aim is to improve the decisions of humanitarian aid organizations with a systematic and scientific method and to facilitate their decision-making processes with solution methods developed in a way that can be used in practice without requiring complex solvers or optimization tools.

5. Research on Covid 19 Vaccine Supply Chain

The Covid19 Network Technology-based Responsive Action (CONTRA) project funded by Norwegian research Council aims to develop a Decision Support System for designing an effective, efficient, fair, and sustainable in-country vaccine supply chain while considering uncertainties along with social and technical components. The main focus of the research is on supporting responders in low-income countries to pandemics, such as COVID-19, and their need to make informed decisions when designing in-country networks for vaccine supply chains.



11. Sustainable Cities and Communities



Scholarly Output:
61



International Collaboration:
28



Field-weighted Citation Impact:
1.42



Number of Total Projects:
44



Number of Events:
97

1.

Ozyegin University and Sustainable Mobility Initiative (SMI) Sign a Cooperative Protocol

OzU, and the **Sustainable Mobility Initiative (SIM)**, which was launched to contribute to better integration of transport systems to the new order and develop innovative solutions, have signed a cooperative protocol in order to design the future of Turkey's urban transport systems. The launch event brought together the business world, entrepreneurship ecosystem, civil society, and academicians, with a rich program featuring presentations on traffic density in mega cities, energy consumption, air quality and its sociocultural effects, and digital solutions.



2.

+10 İstanbul Research Workshops / 2021

An **open call** was made to architects, interior architects, designers and graduate students who would like to take part as the coordinator of 10 working days workshops based on **city, architecture, space and product researches and field studies related to İstanbul**. Ten days workshops were organized under the coordination of Ozyegin University Department of Architecture between **28th June and 9th July 2021**. The first one was "Ecovillage" directed by Gizem Avgan, Gökçe Tomrukçu and Hazal Kızıldağ (all OzU MSc in Architecture students). The second workshop was "Old Tool-New Meaning: Diagram" and directed by Onur Koca. The third workshop was "Being a Virtual Flaneur in Quarantine" which directed by Gözde İrem Cebir Meral and Saadet Kök. The fourth workshop was "Research on 'Mahalle' (district)s of İstanbul" and directed by Prof. Dr. Orhan Hacıhasanoğlu.

3.

CULTURAL HERITAGE: Gamified Immersive Museum Experiences and Cultural Heritage Preservation

The OzU VR Lab puts efforts to digitally **achieve and share cultural heritage conservation** through **photogrammetry**. The main objective is to form immersive experiences in Virtual Reality that include **gamification**. Besides **preserving monumental assets against disaster recovery scenarios**, the Lab also aims to **exhibit them through VR** for people who do not have the chance to visit these places.



4.

Information Gathering and Damage Prediction Problems and Solution Methods for Urgent Post-Disaster Damage Assessment via Drones

The project by OzU researchers **Asst. Prof. Elvin Çoban Göktürk** and **Prof. Burcu Balçık Koyuncu**, is selected for funding by **TÜBİTAK ARDEB 1001**. This project aims to establish an analytical framework that includes new routing problems and solution methods to carry out emergency damage assessment operations with drones and plan search and rescue operations with constantly collected damage assessment data during the response phase after a severe earthquake affecting a large area. It is planned to analyze the results of the framework with a realistic case analysis which is implemented for Istanbul.

5.

Dr. Derya Deniz's three collaborative projects have received seed funding from the Frontiers of Development Program

Dr. Derya Deniz's three collaborative and multi-disciplinary projects have been recently accepted to receive seed funding from the Frontiers of Development Program of UK Royal Academy of Engineering. Dr. Deniz participated in these one year-term projects as a **co-principal investigator (co-PI)** to investigate **hazard vulnerability and recovery for cities that would support establishing disaster resilience actions for developing communities**:

Dr. Deniz's project "**NET: New technologies and participatory approaches for disaster resilience**" develops the trial application of citizen-science in relation to disasters by collecting data through social media and other channels for the case city of **Elazığ in Turkey**. This approach consists of engaging citizens to take part in those assessments through reporting and learning from the results.

Her other project "**Towards mobilising intangible heritage for recovery and resilience**" investigates the key role of intangible heritage (such as cultural practices, beliefs, and traditions) for the developing countries such as **Nepal and Tunisia** in supporting disaster recovery processes. The project delivered an eBooklet summarising cases discussed during the panel discussion, a working paper, and a literature review. Together, they set a foundation upon which further systemic studies can take off.

Lastly, her project "**Low-carbon seismic-resistant buildings for a densely populated city (Istanbul, Turkey)**" looks for **resilient and sustainable solutions to strengthen vulnerable building stock of Istanbul** against earthquakes, through exploring and testing a low-carbon structural system as a pilot for a larger project. She is also currently giving consulting services to the Turkish Catastrophe Insurance Pool (TCIP; DASK in Turkish) to develop flood insurance premiums for Turkey.

6.

Multi-hazard Impact and Mitigation Decision-making Models for Industrial Buildings

This **TÜBİTAK 3501 Project** conducted by **Dr. Derya Deniz** aims to develop "holistic" models that can first assess multi-hazard impacts and then support decision-making on hazard-mitigation for industrial buildings under earthquakes and their triggered hazards such as **liquefactions and fires**. With the proposed models, this project will greatly contribute to decision-making processes by different stakeholders, including **industrial building owners and industrial zone representatives** seeking to make **the most effective hazard-mitigation planning**; and insurance companies seeking to improve their hazard insurance policies for industrial buildings.



7.

A Tool for Strategic Risk Assessment for the Waterways Based on the Principles-Driven Method

The project, conducted by **Asst. Prof. Yigit Can Altan** and supported by **ERA-NET Cofund- MarTERA program**, aims to develop a tool that assesses the **risk level of the waterway considering traffic, waterway complexity, and environmental factors**. The proposed tool will be designed to analyze the risk of maritime traffic systems, rooted in first principles, supported by big data analysis, machine learning methods, as well as experts' knowledge along with their understanding of the subject.

12. Responsible Consumption and Production



Scholarly Output:
39



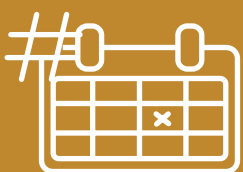
International Collaboration:
11



Field-weighted Citation Impact:
0.94



Number of Total Projects:
7



Number of Events:
3

1.

Waste Management of OzU Campus

In 2021, the total waste at the campus has been 124.456 kg, 72% of this waste is recyclable, 25% is organic waste and 3% is hazardous waste. Apart from the packaging wastes and garbage that are routinely given to the municipality, hazardous waste and other waste are given for disposal and recycling in return for a fee. A total of 30 trucks of waste were transported and disposed of. By generating income from waste instead of spending waste with the principle of polluter pays, while the cost of the expenditure was covered, an extra 6,434.25 TL corporate profit was achieved.

2.

First Prize in ÇEVKO Foundation's Green Dot Student Awards Goes to the Project "Cycleclearly"

Kumsal Kurt, OzU Industrial Design graduate from the Faculty of Architecture and Design, was honored with first prize in the ÇEVKO (Environmental Protection and Packaging Waste Recovery & Recycling Foundation) Green Dot Student Awards in the "Waste Management Systems and Practices" category in recognition of her project "Cycleclearly", which proposes a new waste management system that starts at the source. The system proposes to achieve this through stands to be placed near cashier's desks in grocery stores so that non-functional secondary packaging can be collected right at the source while the consumer leaves the grocery store, and the recycling process can start immediately for packaging which otherwise cannot be separated at home.

The project aims to integrate waste management into daily consumption habits in a bid to prepare a more sustainable environment for the world on both individual and macro level. Users will be able to collect reward points by recycling waste at the stands placed at affiliated grocery stores and designated locations by the municipalities. The collected reward points can then be redeemed with the next grocery shopping or transferred to public transportation cards.



3.

“ToplaGel” waste collecting application

Elif Bilge Gürgür, junior Industrial Engineering student at OzU and founder of the startup “ToplaGel”, came in first with her teammates at the Turkey Red Bull Basement Program. The aim of this startup is to collect waste and deliver it to the best places. The people working for ToplaGel will come to the peoples doors, collect the waste and give out some gift cards etc. depending on the amount of waste.

4.

“Turkey & Europe: An Integrated Service-Device-Technology Roadmapping for Smart and Green Cities Alliances” Project

TÜSİAD, alongside its Project Partners Institut du Bosphore, TÜRKONFED, Berlin Bosphorus Initiative, Ozyegin University and OzU – TÜSİAD Sustainable Development Forum is implementing an interactive dialogue platform entitled “Turkey & Europe: An Integrated Service-Device-Technology Roadmapping for Smart and Green Cities Alliances”.

This project brings together through virtual meetings the representatives of 9 European and Turkish pilot cities – namely İstanbul, İzmir, Gaziantep, Konya, Ankara, London, Paris, Berlin, and Utrecht-, the ministries and various key stakeholders to explore how a connected green & smart ecosystem can meet the challenges of the future. A roadmap for an integrated service – device – technology for smart and green cities will be devised based on the interactive discussions.



13. Climate Action



Scholarly Output:
22



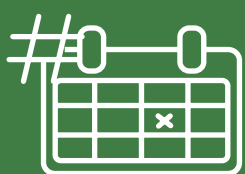
International Collaboration:
4



Field-weighted Citation Impact:
1.88



Number of Total Projects:
7



Number of Events:
8

1.

Emissions

OzU has several applications to restrict its carbon footprint including the use of wind power and solar panels on all the non-green roofs, as well as a trigeneration system for heating and cooling. It has recently started using a web-based carbon footprint calculator and carbon management software that provides the capacity to measure, track, report and manage its carbon footprints based on the guidelines of “The Greenhouse Gas Protocol” Ozyegin calculates Scope One and Two Emissions; emissions intensity and emissions reductions, using 2018 as the base year. In 2021 total emissions demonstrated 34% decrease from the 2018 baseline (From 8891 tonnes CO2 to 5905 tonnes Co2).



GREENHOUSE
GAS PROTOCOL

ipcc
INTERGOVERNMENTAL PANEL ON
climate change

2.

Disaster Coordination Team

OzU, Ozyegin Foundation, Mother Child Education Foundation and Fiba Social Investments, which are within the Ozyegin ecosystem, have shown strong reflexes to heal the wounds of the victims, and have carried out long-term, inclusive studies to normalise life after disasters. After the Van earthquake in 2011 and Elazığ earthquakes in 2020, and finally after the fire disaster in Marmaris and Manavgat in 2021, observations were made in the field, meetings were organized with the authorities and local people, and material support was provided for the continuation of agricultural production. On the other hand, students from these regions participated in the high school summer schools and local and rural development certificate programs run by OzU with scholarships. A coordination team was formed to create permanent and functional mechanisms to deal with human-made disasters in a more organized manner. The ultimate goal of the team is to organize, strengthen and mobilize the institutional capacities, human resource competencies and external influence of Fiba Companies, OzU, Ozyegin Foundation and AÇEV for pre-disaster and post-disaster responses.

3.

Collaboration with Caribbean Disaster Emergency Management Agency

OzU collaborates with Caribbean Disaster Emergency Management Agency to develop innovative approaches to improve the current regional prepositioning network, considering logistical infrastructures and disaster risks. The research team is developing analytical tools to support the agency's decision-making processes in the context of regional prepositioning to better cope with the effects of strong weather events in the Caribbean.



4.

Sustainability HUB - Climate Action Society & Climate Ambassador

The Climate Action student club aims to contribute to the Climate Action Movement, educate students on the current climate situation, and work with talented national and international students on public speaking and social skills in order to develop its members' vision. The club represents Ozyegin University in Turkey and across the globe together with the Climate Action Unit at the University College London (UCL).

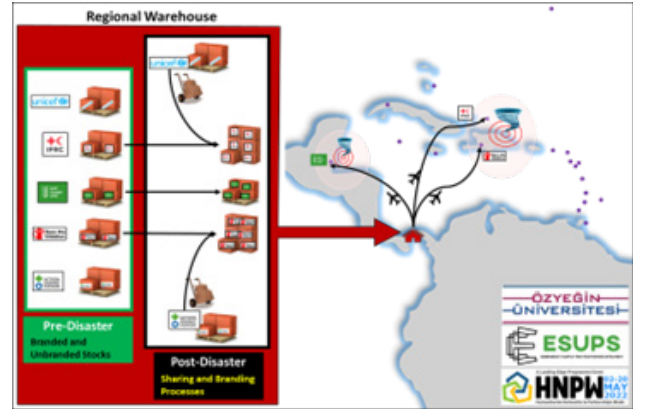
Our climate ambassador, International Finance student Vera Pöhrenk, attended the climate ambassadors workshop of the United Nations (UN) and the Ministry of Environment, Urbanization and Climate Change, representing the university. In this context, a youth declaration was written together with the Climate Ambassadors selected from other universities in Turkey, and in this declaration, the problems related to sustainability in Turkey and possible solutions were compiled. With the Social Awareness Club, activities such as garbage collection, sustainability marathon, training and seminars on climate change were held throughout the term.



5.

Entrepreneurship Factory BIGG Acceleration Program: Green Growth

OzU Entrepreneurship Factory, TÜBİTAK Individual Young Enterprise (BIGG) Acceleration Program and İşbank Workup came together to provide comprehensive support to BIGG entrepreneurs. With the Green Growth calls, which is the first thematic call published by TÜBİTAK, Entrepreneurship Factory supports entrepreneurs to work in thematic areas such as climate change, regulation of carbon emissions and greenhouse gas emissions, clean and circular economy, accessible and safe energy supply, sustainable agriculture from farm to table, and sustainable smart transportation and assists them in developing real world applications. OzU Energy, Environment and Economy Center Director Prof. Pınar Mengüç served as Chief Advisor for the Call for Green Growth with in the call period of 2022-1.



6.

Collaborative Prepositioning in Regional Humanitarian Networks

Prof. Dr. Burcu Balçık and her students have collaborated with the Emergency Supply Pre-positioning Strategy (ESUPS) to improve the efficiency of humanitarian supply chains using collaborative practices. This project is funded by TÜBİTAK 1002.

The project aims to investigate the effects of postponement (delaying the branding process of stocks) and stock sharing (sharing these unbranded stocks among agencies) strategies on post-disaster performance metrics such as demand fulfilment, response speed, and inventory utilization. A data-driven simulation model is developed to evaluate the benefits of the proposed strategies in a complex humanitarian supply chain network with multiple agencies and multiple countries. A data set of historical disasters in the Caribbean region as well as inventory and logistics data sets from ESUPS's partner humanitarian agencies (such as UNHRD, IFRC, STC, ACF, WHH, and USAID) are fed to this simulation model. The results of this project provide actionable insights and recommendations to humanitarian agencies. The results are shared with humanitarian agencies at the "Humanitarian Networks and Partnerships Week (HNPW) – 2022".

15. Life on Land



Scholarly Output:

3



International Collaboration:

2



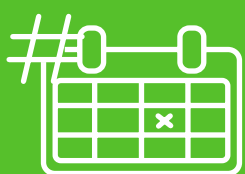
Field-weighted Citation Impact:

1.39



Number of Total Projects:

5



Number of Events:

2

1.

Waste disposal

In 2021, the total waste at the campus was 124.456 kg, 72% of this waste is recyclable, 25% is organic waste and 3% is hazardous waste. Apart from the packaging wastes and garbage that are routinely given to the municipality, hazardous waste and other wastes are given for disposal and recycling in return for a fee. A total of 30 trucks of waste were transported, transported and disposed of. By generating income from waste, instead of spending waste with the principle of polluter pays, while the cost of the expenditure was covered, an extra 6,434.25 TL corporate profit was achieved.

2.

Agriculture, Food and Local Development Research and Application Laboratory (LOAF)

Agriculture, Food and Local Development Research and Application Laboratory (LOAF) aims to conduct academic research in the fields of food, agriculture and local development, to produce data-based information, to produce good practice-oriented good practices, which simultaneously contain the cause, effect and solution possibilities of the ecological crisis we are going through on a global and national scale. was established to develop models for the emergence and dissemination of examples. Sustainable agro-ecological agriculture practices, assurance and justice in accessing healthy food, strengthening local communities, increasing the management capacities of local governments, ensuring economic, social and cultural integration between rural and urban areas, and combating rural poverty are among the laboratory's main areas of interest and work. Agriculture, Food and Local Development Research and Application Laboratory sees academia and practice as a spiral that feeds and reproduces each other and implements its work with this understanding. Research on Agricultural Transformations and New Peasants in Turkey aims to define the formation of the new peasantry (neo-peasantry), which became visible after the 2000s, to determine the characteristics of the new peasants and to determine the transformations in the agricultural structures of the new peasantry.

LOAF

3.

The Legacy and Future of Turkey's Agriculture Debates: Intergenerational Seminar Series

The seminar series designed to create opportunities for **younger generations of researchers to discuss their research** with **veterans of food-agriculture literature in Turkey**. Young researchers and senior academics working on **agriculture, food, rural development and peasantry** attend the seminars. Researchers both gain the opportunity to share their own research and receive feedback on their research, and also have the opportunity to discuss with senior lecturers how and to what extent the knowledge in the relevant literature responds to new questions produced by the day.



4.

Ozyegin Rural Development Model

Ozyegin University carries out studies in the fields of sustainable rural development and agriculture and food systems in the components of **education, academic publication, creating student experiences, and preparing local development plans**. OzU takes the United Nations Sustainable Development Goals as a reference in these studies.

OzU Rural Development Model, which is shaped by the experience of integrated, rights-based programs initiated by Ozyegin Foundation in 2007, has made it its mission to **build bridges between academia, public, non-governmental, and producer organizations** to strengthen rural life. In this context, more than **400 professionals** have benefited from the “**Local and Rural Development Specialisation Certificate Program**” in which academics, local governments, civil society, both public and private sector representatives share their knowledge and experiences.

OzU Sustainability Platform prepared the “**Research Report on the Integration of Rural and Urban Economies**” in cooperation with the Ministry of Industry and Technology and Ozyegin University in 2021.

This research examined the integration based on districts in terms of different axes such as production, consumption, demographics, and manifestations of social life, and produced **policy recommendations on these axes**. 170 districts included in the scope of the research were measured and classified over **41 different economic, social and cultural variables**. The research report is the first study to analyze the integration of rural-urban economies according to quantitative data.

Investment Plans for **Mardin/Ömerli, Adyaman/Besni** districts, and **Kilis/Ravanda** Basin were prepared by the cooperation between the Southeastern Anatolia Project (GAP) Regional Development Administration, Ozyegin Foundation, and Ozyegin University. District investment plans, which focus on holistic and sustainable local development, set an efficient example of multi-sectoral cooperation with the active role of universities, civil society, and public institutions.

The model also enables OzU students and academicians to experience sustainable rural development practices on-site. In this context, the villages where the Hüsnü M. Ozyegin Foundation has implemented rural development programs in Bitlis and Kilis are visited. During these visits, **support is provided to meet the material needs of village schools**.



16. Peace, Justice and Strong Institutions



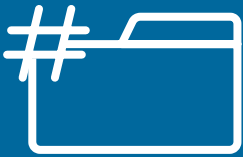
Scholarly Output:
16



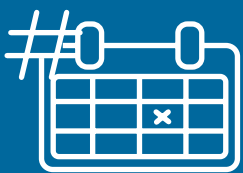
International Collaboration:
9



Field-weighted Citation Impact:
0.89



Number of Total Projects:
9



Number of Events:
169

1.

Law Clinics and Legal Support to Provide Advice and Information to Students on a Range of Legal Issues

The Law Clinics aim to provide legal information to individuals who have difficulties in accessing justice while offering students opportunities to strengthen the skills and values they will need in their professional lives. 206 students who have taken the Law Clinics course so far, have had the opportunity to get to know the forensic field applications by going out on the field, watching, and analyzing the legal problems of individuals who are exposed to social exclusion and do not have sufficient economic conditions to benefit from legal support.

2.

Nişantepe Law Clinic

In line with the field experiences of OzU Nişantepe Social Empowerment Studies, new models have been planned within the scope of Legal Clinics, considering the needs of individuals living in Nişantepe. The severe poverty experienced in Nişantepe, the discrimination suffered, and the violations of education, health and property rights were taken into account, and the cases of violence and early marriage were also decisive in terms of the content of the studies. In this context, in the spring term of 2021-2022, a protocol on Legal Clinics was signed between OzU and the Open Space Association Deep Poverty Network, which works in Nişantepe and the surrounding neighborhoods. As of spring 2021-2022, a volunteer working group was formed with the participation of 6 mentor lawyers and 29 students for the works within the scope of the protocol and 6 Nişantepe residents were provided legal advice.



3.

“CHARM - Jean Monnet Chair of Migration and Mobility in Europe’ Project

Associate Prof. Dr. Deniz Sert, a member of the Faculty of Social Sciences at Ozyegin University, has become the recipient of the prestigious [Jean Monnet Chair](#) for a term of 36 months in recognition of her project. Associate Prof. Dr. Sert’s research interests include [conflict](#), [forced migration](#), [international migration](#), [irregular migration](#), [transnational migration](#), [border management](#) and [civil society](#). Through her 36-month [CHARM project](#) starting in 2020, Associate Prof. Dr. Sert aims to [design a new course at OzU on migration and mobility in Europe](#), and hopes to provide an [information, networking, and discussion platform](#) for all students, researchers, academicians, NGO representatives, policy makers, and other professionals and expert institutions involved in the field of migration and mobility.



4.

Projects on Migration, Identity and Social Integration

OzU Social Sciences faculty [Dr. Susan Beth Rottmann](#) supervises and participates in several projects addressing issues of democracy and inequality and contributing to the social integration of immigrant communities:

1. [OppAttune \(Countering Oppositional Political Extremism through Attuned Dialogue: Track, Attune, Limit\)](#) is a project supported by “[Horizon Europe Cluster 2: Call for Culture, Creativity and Inclusive Societies](#)” and has 17 participating organizations. The project aims to monitor the evolution of oppositional extremist ideologies and protectionist decision-making, develop an innovative model of adaptation, and test a range of interventions at national and transnational levels that limit the spread of extremism. Within the scope of the project, [Ozyegin University](#), and [Istanbul Bilgi University from Turkey](#) will take part as partners.

2. The project “[GAPs: De-centring the Study of Migrant Returns and Readmission Policies in Europe and Beyond](#)” unites 17 participating organizations. It examines the gaps between expectations and the actual results of return migration policies. The project is also supported by “[Horizon Europe Cluster 2: Call for Culture, Creativity and Inclusive Societies](#).” The objectives of the GAPs are: a) to scrutinize the gaps in the EU’s internal and external returns governance; b) examine the complex interactions of policy makers and local actors involved in returns processes to shed light on cooperation failures; c) analyze immigrants’ own perspectives to understand their knowledge of return policies, desires and experiences.

3. The project “[Food, Home-cooking and Social Integration of Syrian Women in Istanbul, Gaziantep and Hatay](#)” supported by the [TÜBİTAK1001 program](#) seeks to understand how immigrants’ home-making activities, especially food consumption and cooking practices have changed and how these practices affect their social integration through in-depth qualitative research with Syrian women. By comparing three cities that have received high numbers of migrants from Syria to Turkey in 2011, the project examines how cooking and sharing food are tools to strengthen community integration and express cultural heritage.

4. The [HIDDEN \(History of Identity Documentation in European Nations: Citizenship, Nationality and Immigration\)](#) project is supported by the [COST \(European Cooperation in Science and Technology\) program of TÜBİTAK](#). It explores issues of identity, citizenship and immigration by linking historical research on identity documents to modern, digital forms of identity documents and examines the laws that create and govern them. HIDDEN will hold academic and public events to enhance policy dialogue on identity documentation in Europe.



5.

Protocol of Cooperation Between Ozyegin University and Directorate General of Prisons and Detention Houses

Within the scope of the “[Enhancing the Effectiveness of Civil Monitoring Boards in line with European Standards](#)” carried out by the Council of Europe; A cooperation protocol has been signed between the [Rectorate of Ozyegin University](#) and the [Ministry of Justice Directorate General of Prisons and Detention Houses](#); for the training of civilian monitoring board members of penal institutions and prisons, including financial and technical support and expert support, which lasted until May 31, 2022.

17. Partnership for Goals



Scholarly Output:
16



International Collaboration:
9



Field-weighted Citation Impact:
0.89



Number of Total Projects:
7



Number of Events:
42

1.

1. OzU's commitment to partnerships with institutions

OzU recognizes that the success of the SDGs agenda requires [genuine collaboration among governments, the private sector and civil society](#) and the universities can play important role in fostering cooperation and amplifying sustainable development work through innovation and leadership. [OzU Social Contribution Framework](#) is a statement of the University's commitment to adopt a leadership role at a national and international level to shape a sustainable environment and society, contributing to the SDGs.

Ozyegin University started a collaboration with the [Turkish Industry and Business Association \(TÜSİAD\)](#) in 2015 for institutional representation. As a result of this collaboration, the [Turkish Industry and Business Association \(TÜSİAD\)](#) and Ozyegin University established the [TÜSİAD-Ozyegin University Sustainable Development Forum \(SDF\)](#) on April 6, 2017. The [TÜSİAD-OzU SDF](#) aims to [introduce new approaches and methods in order to propel sustainable economic development and smart industrialization](#) while minimizing their adverse effects on society and the environment.



2.

OzU Sustainability Platform

The Sustainability Platform is a multidisciplinary, multi-participant, comprehensive, and integrated model to present OzU's commitment to partnerships and sustainability. The office offers an integrated model to manage sustainability initiatives of OzU such as encouraging cross-disciplinary and cross-faculty research on sustainability, designing, delivering, and promoting extracurricular activities related to SDGs and maintaining a sustainable campus.

— Sustainability Talks - Inspiration Series | 2021 Spring Semester Program

The seminar series "Sustainability Talks" organized to [raise awareness of complex problems our world is facing](#), continues as "Sustainability Conversations" in 2021 with a more interactive structure. "INSPIRATION" series of the "Sustainability Conversations", aims to put the spotlight on the subjects that have become so interlaced in our daily lives. Over the course of the series, [inspiring stories of people and institutions](#) are shared with all our stakeholders, in particular our students. For example, the talks of [Elibelinde Agriculture Founder Aslı Aksoy](#) and [Reflect Studio Design Team and Sustainability Team Leader Serra Türkün](#) show that there are different alternatives to our highest consumption areas and there is another way of entrepreneurship that is more respectful both to the world and humanity. [Mezitli Mayor Neşet Tarhan](#) shared local governments' participative and creative contributions to the issue areas of [women empowerment, ecology, and access to clean food](#). [İlhan Koçulu, cheesemaker and farmer from Boğatepe Environment and Life Association](#), talked about their community-based empowerment experience which started in Boğatepe Village, Kars and became a source of inspiration for all of us with its outstanding local impact.



3.

yaklaş-Co-Act Co-Art

The “Co-Art Co-Act / yaklaş_2030” selection, aims to initiate dialogue and experience sharing on Sustainable Development Goals. It hosts selections, panels and speeches created by matching the works in the university art collection -UNIART- with SDGs. Details of the ongoing project until the end of 2022 can be obtained from www.yaklas.org. Since 2019, “Art walks” ensure that the works of art exhibited in different places on the campus are included in the student orientation and that the students get closer to the cultural heritage. With the transfer of the works on campus to digital due to the pandemic, the OzU Arts website was created, and thus, works of art are shared with both OzU members and the public at www.arts.ozyegin.edu.tr.



4.

EIT Climate-Knowledge and Innovation Community Partnership

Supported by the European Institute of Innovation and Technology, EIT Climate-KIC is a Knowledge and Innovation Community (KIC), that OzU participates to work on accelerating the transition to a zero-carbon, climate-resilient society.

The organization aims to identify and support innovation that helps society mitigate and adapt to climate change founded on the belief that a decarbonised, sustainable economy is not only necessary to prevent catastrophic climate change but presents a wealth of opportunities for business and society.

5.

2C1N



Mentored by OzU Sustainability Platform and conducted with the collaboration of [Zorlu Holding](#) and [Simurg Association](#), 2C1N Project aims to assist young people to make their voices heard about the SDGs. The pilot report on SDG1,2 and 3 is completed. This report issued by 1,500 high school students to communicate their requests for change to international decisionmakers was launched live stream on the YouTube channel of the Simurg Association in August 2021. This versatile discussion platform, built by the youth around the concept of sustainability based on a respectful and fair world order, has enabled them to discuss their sustainability visions for the world in and after 2030, their expectations from and criticisms to the UN, their approach to global goals, topics focused on global issues, and the world they want to live in.

6.

Road mapping for Smart and Green Cities

TÜSİAD, alongside its Project Partners TÜRKONFED, Institut du Bosphore, Berlin Bosphorus Initiative, Ozyegin University-TÜSİAD Sustainable Development Forum is implementing an interactive dialogue platform entitled “Turkey & Europe: An Integrated Service-Device-Technology Road mapping for Smart and Green Cities Alliances”.

This project brings together through “Stakeholders Meetings” the representatives of 9 European and Turkish pilot cities - namely İstanbul, İzmir, Gaziantep, Konya, Ankara, Bursa, London, Paris, Berlin -, the ministries, finance/investment banks, international institutions, private sector, start-ups, universities, NGOs, think tanks and consultancy institutions to explore how a connected green & smart ecosystem can meet the challenges of the future.



7.

ARTSMAP

OzU Architecture faculty [Nevşet Çanakçıoğlu](#) joined as a researcher in the project titled “ArtsMap” initiated by Embassy of the Netherlands in Ankara, the Consulate General of the Netherlands in Istanbul and in cooperation with Istanbul Foundation for Culture and Arts (IKSV). ARTS MAP is a digital platform for the fields of arts and culture that aims to develop sustainable dialogues between artists, institutions, non-governmental organizations, public and individuals by using the unifying power of arts and culture. Starting with the arts and culture field in Turkey and Netherlands, ARTS MAP is available to cultural and artistic institutions and members from various countries in the future globally. It is designed to be an organically growing digital platform.

