PRU
PÎRÎ REİS UNIVERSITY

2025

SUSTAINABLE DEVELOPMENT GOALS REPORT

3 GOOD HEALTH AND WELL-BEING

SDG 3

Good Health and Well-being

2024–2025 Academic Year and 2025 Financial Year



Piri Reis University
sustainability.pirireis.edu.tr

PRU
PÎRÎ REİS UNIVERSITY

PUBLICATION
Piri Reis University
SDG 3: Good Health and Well-being Report
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SCOPE
2024-2025 academic year and 2025 financial year (1 September 2024 – 31 December 2025); ongoing practices are also covered.

COMPANION PUBLICATIONS
Piri Reis University Sustainability Report 2025 and the other 16 SDG reports prepared according to the THE Impact Rankings indicators.

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Contents

01 Piri Reis University at a Glance 3

02 Our Sustainability Approach and Reporting 4

03 SDG 3: Good Health and Well-being 5

04 Indicators, Explanations and Evidence 6

05 Our Activities under SDG 3 9

06 Research Projects Related to SDG 3 13

07 SDG 3 Activity Inventory 16

08 Conclusion and Assessment 18

This report presents Piri Reis University's policies, practices, research and activities under SDG 3, structured according to the THE Impact Rankings indicators and supported by evidence. Links in the indicator section lead to publicly available evidence; internal documents are available on request.



INSTITUTIONAL PROFILE

Piri Reis University at a Glance

Piri Reis University (PRU) is a foundation university established by the Turkish Maritime Education Foundation (TÜDEV), which was founded in 1993 by leading representatives of the maritime sector with the support of the İMEAK Chamber of Shipping; the University acquired legal personality upon the publication of Law No. 5733 in the Official Gazette on 8 February 2008. Its roots go back to the TÜDEV Maritime Education Centre, which trained 2,034 officers between 1995 and 2012.

Guided by its vision "to be a specialised university that is a pioneer in Türkiye and respected worldwide, adding value to the sector by striving for excellence in education and research in every maritime-related field", PRU explicitly commits in its mission to educating individuals who have embraced the Sustainable Development Goals; "Social Responsibility, Sustainability and Environmental Awareness" and "Respect for Diversity and Human Rights" are among the institution's core values.

The University provides education through its Faculties of Maritime Studies, Engineering, Economics and Administrative Sciences, Law, and Arts and Sciences, its Maritime Vocational School and its Graduate Institute, on the Sea Campus and the Preparatory Campus on the Marmara Sea coast in Tuzla. The Sea Campus was designed as a BREEAM-certified "Green Campus" and features a trigeneration plant, greywater and rainwater recovery systems and seawater-based cooling infrastructure.

PRU is the only Turkish foundation university that is a member of the International Association of Maritime Universities (IAMU). It was granted institutional accreditation under the YÖKAK Institutional Accreditation Programme on 21 March 2025, and its Maritime Simulators Centre was accredited by The Nautical Institute as an approved Dynamic Positioning (DP) Training Centre on 22 October 2024.

Piri Reis University in Numbers

6,330
total students (2025): 2,171 associate degree, 4,004 undergraduate, 155 postgraduate

210
full-time academic staff (+109 hourly-paid lecturers)

168
full-time administrative staff

5 + 1 + 1
faculties, vocational school and graduate institute

15
maritime simulators (including 3 full-mission bridges)

6
research and application centres (PRUSAM, DENEKAM, PUSEM, etc.)

42
student clubs, 1,996 club members

5 + 4
national and international patent applications in 2025

29%
share of women among students placed in 2025-26 (2014-15: 14%)

Source: Institutional Self-Evaluation Report (KİDR) 2025 (as of 31 December 2025) and sustainability.pirireis.edu.tr. The share of women is based on the table of placed students published on the sustainability website.

SUSTAINABILITY GOVERNANCE

Our Sustainability Approach and Reporting

Piri Reis University's 2023-2027 Strategic Plan is structured in alignment with the United Nations Sustainable Development Goals (SDGs). For each SDG, the sustainability website publicly sets out the links with the Strategic Plan objectives (excellence of the learning environment, research quality, industry–university cooperation, institutional culture and becoming the best university in maritime) together with additional actions.

The Sustainability Research and Application Center (PRUSAM), established in 2024, works on energy management, decarbonisation, sustainable port operations and digitalisation in line with Net Zero targets; the Center's regulation lists the preparation of the sustainability report and similar outputs among its duties. The Social Contribution Commission, chaired by the Rector, and the Quality Coordination Office contribute to monitoring sustainability activities and disseminating them across the institution.

The University's Climate Change Mitigation and Action Policy Document (2023-2027) sets out the goal of becoming a carbon-neutral university by 2050. Campus operations are assured through the ISO 50001:2018 Energy Management System (2024-2027), the ISO 9001:2015 Quality Management System and the Zero Waste Certificate (February 2025).

PRU took part in the Times Higher Education (THE) Impact Rankings 2025 with all 17 SDGs and was placed in the 1501+ band overall. Its strongest results were in SDG 14 Life Below Water and SDG 15 Life on Land (401–600), followed by 601–800 in SDGs 6, 8, 12 and 16, 801–1000 in SDGs 5, 9, 11 and 13, 801+ in SDG 2, 1001+ in SDGs 1, 7 and 10 and 1501+ in SDGs 3, 4 and 17. This report series has been prepared separately for all 17 SDGs based on the THE Impact Rankings indicators and is published together with the general Sustainability Report.

Scope of this report

- Reporting period: 2024-2025 academic year and 2025 financial year (1 September 2024 – 31 December 2025). Ongoing practices are also covered.
- Scope: Sea Campus and Preparatory Campus; all academic and administrative units, research centres and student clubs.
- Data sources: activities published on sustainability.pirireis.edu.tr, pirireis.edu.tr and unit subdomains, KİDR 2025, the 2023-2027 Strategic Plan, institutional directives and policies, and final reports of Scientific Research Projects (BAP).
- Structure: Indicators are organised according to the THE Impact Rankings methodology; publicly accessible evidence links are provided under each indicator.

SDG 3 · GOOD HEALTH AND WELL-BEING

Physical and mental well-being of students and staff

PRU offers its students and staff free psychological counselling, a health unit and sports facilities, regulates its smoke-free campus practice by Senate decision, and conducts research and training addressing the mental health needs specific to the maritime profession.

The Psychological Counselling and Guidance Service employs one expert clinical psychologist on each of the Sea and Preparatory campuses. The Health Unit, with one workplace physician and three nurses, provides first aid, treatment, observation and referral services. The 298-capacity sports hall, the training pool and fitness areas are free of charge for students and staff.

Highlights of the period include seminars on the psychological preparation of maritime students before shipboard training, the development of the “Seafarer Psychology Scale” measuring psychological factors specific to seafarers, blood donation campaigns with the Turkish Red Crescent and addiction prevention training.

29
related activities and practices (all periods)

12
activities in the reporting period (Sep 2024 – Dec 2025)

10
related research projects (BAP, TÜBİTAK, EU)

2
clinical psychologists, free counselling

Highlights of the period

- Free, confidential psychological counselling with 2 expert clinical psychologists (students and staff)
- Procedures and Principles on Smoke-Free Campus Practices (Senate, 30 October 2024)
- Blood donation campaigns on campus with the Turkish Red Crescent (November 2024 and November 2025)
- Development of a new scale measuring psychological factors specific to seafarers (2025)
- THE Impact Rankings 2025 SDG 3: 1501+ band

THE IMPACT RANKINGS INDICATORS

Indicators, Explanations and Evidence

This section summarises Piri Reis University's policies, practices and activities against the indicators of the Times Higher Education (THE) Impact Rankings methodology for SDG 3. Evidence for each indicator is provided with links.

3.3 Collaborations and health services

3.3.1 Collaborations with health institutions

Regular blood donation campaigns are held on campus in cooperation with the Turkish Red Crescent (November 2024 and 13 November 2025). The Genç Yeşilay Club organised seminars against substance addiction among young people. Disaster awareness and first aid training is delivered with AFAD and Tuzla Civil Defence teams.

EVIDENCE

- Turkish Red Crescent blood donation campaign (13 November 2025) – https://pirireis.edu.tr/haberler/piri-reis-universitesinde-kan-bagisi-kampanyasi-duzenlendi/
- Turkish Red Crescent blood donation event (8 November 2024) – https://prep.pirireis.edu.tr/duyurular/kizilay-kan-bagisi-etkinligi/
- Genç Yeşilay Club seminar "Substance Addiction among Young People" (26 December 2024) – https://odek.pirireis.edu.tr/duyurular/genc-yesilay-kulubunun-genclerin-madde-bagimliligi-adli-semineri/
- AFAD training: disaster awareness training – https://sustainability.pirireis.edu.tr/etkinlikler/afad-egitimleri-afet-farkindalik-egitimi/

3.3.2 Health and well-being programmes for the community

Student clubs and the OHS Unit organised first aider training, fire extinguishing training, earthquake information seminars and emergency drills. The "Kick Bullying Out of Your Head" training, delivered in cooperation with the Community Volunteers Foundation, aims to combat peer bullying.

EVIDENCE

- First aider training – https://sustainability.pirireis.edu.tr/etkinlikler/ilkyardimci-egitimi/
- Earthquake Information Seminar 2 – https://sustainability.pirireis.edu.tr/etkinlikler/deprem-bilgilendirme-semineri-2/
- "Get Bullying Out of Your Head" training – https://sustainability.pirireis.edu.tr/etkinlikler/zorbaligi-kafandan-at-egitimi/
- "Addiction Drama" training by our Philosophy Club (13 March 2025) – https://odek.pirireis.edu.tr/duyurular/felsefe-kulubumuzun-bagimlilik-dramasi-isimli-egitimi/

3.3.5 Mental health support for students

Two expert clinical psychologists serve in the Psychological Counselling and Guidance Unit, one on the Sea Campus and one on the Preparatory Campus. Sessions are booked by appointment, last approximately 45 minutes, are limited to a maximum of five per person, and are free and confidential.

The Faculty of Maritime Studies and the Maritime Vocational School organise "Psychological Preparation for Shipboard Life" seminars for students about to begin shipboard training; researchers of the Faculty of Economics and Administrative Sciences are developing the "Seafarer Psychology Scale" to measure psychological factors specific to seafarers.

EVIDENCE

- Psychological Counselling and Guidance Unit services – https://sustainability.pirireis.edu.tr/etkinlikler/pdr-birimi-hizmeti/
- Psychological Counselling and Guidance Service – https://pirireis.edu.tr/pruda-yasam/psikolojik-danisma-ve-rehberlik/
- Seminar on "Psychological Preparation for Shipboard Life and Handling Legal Processes That May Arise on Board" held (5 December 2025) – https://dmyo.pirireis.edu.tr/duyurular/gemiye-psikolojik-hazirlik-ve-gemide-dogabilecek-hukuki-sureclerin-isletilmesi-semineri-gerceklesti/
- Seafarer Psychology Scale: developing a new scale to measure psychological factors specific to seafarers (14 June 2025) – https://iibf.pirireis.edu.tr/haberler/seafarer-psychology-scale-denizcilere-ozgu-psikolojik-faktorleri-olcmeye-yonelik-yeni-bir-olcek-gelistirme-calismasi/
- Psychological techniques training – https://sustainability.pirireis.edu.tr/etkinlikler/psikolojik-teknikler-egitimi/

3.3.6 Smoke-free campus

The Procedures and Principles on Smoke-Free Campus Practices entered into force by Senate decision No. 2024/18 of 30 October 2024. Based on Law No. 4207 and the relevant Ministry of Health circular, the regulation covers all staff, students and visitors.

Designated smoking areas located away from building entrances are signposted, and "Smoke-Free Air Space" warning signs are used across campus. An OHS Unit staff member completed the Ministry of Health tobacco-inspection training on 29 December 2025.

The Smoke-Free Campus Policy (POL.KLT.11, 1 October 2025) defines all campuses as smoke-free: tobacco products, including cigarettes, e-cigarettes, heated tobacco and hookah, may not be used inside buildings, in sports areas, in shuttle vehicles or around building entrances, and the sale, advertising and sponsorship of tobacco products on campus are prohibited. Students and staff who wish to quit are referred to health services.

EVIDENCE

- Procedures and Principles on Smoke-Free Campus Practices (Senate 30 October 2024) – https://pirireis.edu.tr/wp-content/uploads/2026/07/Dumansiz-Kampus-Uygulamalarina-Iliskin-Usul-ve-Esaslar.pdf
- Internal document: Photos of designated smoking areas and warning signs (available on request)
- Smoke-Free Campus Policy (POL.KLT.11) – https://sustainability.pirireis.edu.tr/politika/dumansiz-kampus-politikasi/

3.3.7 Mental health support for staff

The services of the Psychological Counselling and Guidance Unit are also provided to academic and administrative staff free of charge and on a confidential basis. Staff training such as "On Psychology" and "Psychological Techniques", free use of the sports hall and pool, and staff sports tournaments support employee well-being.

EVIDENCE

- Psychological Counselling and Guidance Unit services – https://sustainability.pirireis.edu.tr/etkinlikler/pdr-birimi-hizmeti/
- “On Psychology” presentation – Specialist Clinical Psychologist Fırat Tokat – https://sustainability.pirireis.edu.tr/etkinlikler/psikolojiye-dair-sunumu-uzman-klinik-psikolog-firat-tokat/
- Free use of the gym and training pool for students and staff – https://sustainability.pirireis.edu.tr/etkinlikler/ogrencilere-ve-personele-ucretsiz-spor-salonu-ve-egitim-havuzu-kullanimi/
- “Our Family” basketball three-point shooting tournament – https://sustainability.pirireis.edu.tr/etkinlikler/ailemiz-basketbol-uc-sayi-atis-turnuvasi/

ACTIVITIES AND EVENTS

Our Activities under SDG 3



Seminar on “Psychological Preparation for Shipboard Life and Handling Legal Processes That May Arise on Board” held

5 December 2025 • Maritime Vocational School (MVS)

The seminar “Psychological Preparation for Shipboard Life for Cadets and Handling Legal Processes That May Arise on Board”, organised by the Seafarers Without Borders Community, was successfully held on Friday, 5 December 2025 in the Reverse Amphitheatre of Piri Reis University. At the event, held with Specialist Psychologist Yaren Cemre GÜLCEK and Lawyer and Ocean-Going Chief Officer Capt. Şebnem ÖNDER, very useful information was shared with students preparing for their internship period. In the psychology part of the seminar, Yaren Cemre GÜLCEK discussed the difficulties cadets may face while adapting to life on board, stress and anxiety management, points to consider in team communication, and recommendations for increasing mental resilience.

SDG 3 SDG 8

Source: https://dmyo.pirireis.edu.tr/duyurular/gemiye-psikolojik-hazirlik-ve-gemide-dogabilecek-hukuki-sureclerin-isletilmesi-semineri-gerceklesti/



PRU English Preparatory Department at ICPLTL-2025

20 October 2025 • English Preparatory Department

The PRU English Preparatory Department attended the International Conference on Psychology for Language Teachers and Learners (ICPLTL-2025), hosted by Medipol University. This dynamic event brought together educators, researchers and practitioners from around the world. The conference offered an inspiring platform to explore the interaction between psychology and language education, highlighting innovative approaches to motivation, learner engagement and teacher well-being. It also provided valuable insights and opportunities for collaboration that enrich our ongoing commitment to excellence in language teaching and learning.

SDG 4 SDG 3

Source: https://prep.pirireis.edu.tr/haberler/pru-ingilizce-hazirlik-bolumu-icpltl-2025de/



Seafarer Psychology Scale: developing a new scale to measure psychological factors specific to seafarers

14 June 2025 • Faculty of Economics and Administrative Sciences

Within this study, carried out by the Maritime Economics Research and Application Center, a new assessment tool reflecting the unique psychosocial conditions of seafarers' work, with tested validity and reliability, has been developed. This comprehensive research, titled "Development of a New Instrument for Measuring Psychological Factors Specific to the Activity of Seafarers", was led by Dr. A. Arslan, Dr. H.B. Usluer, Dr. A. Akturan and Dr. B.E. Efiloğlu. Seafarers face profession-specific challenges such as long-term isolation, an intense work pace and limited social support.

SDG 3 SDG 8

Source: https://iibf.pirireis.edu.tr/haberler/seafarer-psychology-scale-denizcilere-ozgu-psikolojik-faktorleri-olcmeye-yonelik-yeni-bir-olcek-gelistirme-calismasi/



Piri Reis University inter-student project presentation results

23 May 2025 • Faculty of Economics and Administrative Sciences

Our team of final-year Management Information Systems (MIS) students, Sinem Bolat, Emir Sucu, Orhun Tatar, Mustafa Tatar and Cem Sarıçam, achieved great success at the Inter-Student Project Presentations event hosted by Piri Reis University on 23 May 2025. With their innovative project titled "Visualization of a Health Center's Financial Performance and Provider Productivity Using Power BI", they were awarded third prize at this prestigious event.

SDG 3 SDG 4

Source: https://iibf.pirireis.edu.tr/haberler/piri-reis-universitesi-ogrenciler-arasi-proje-sunum-sonuclari/



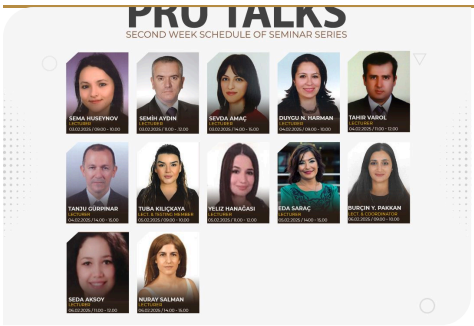
1st activity of the Can SALI Meetings, 2024-2025 spring semester

18 February 2025 • Maritime Vocational School (MVS)

Within the Can SALI Meetings, we were delighted to host at our University Captain Durali İŞLER, Head of Department at the Transport Safety Investigation Center of the Ministry of Transport and Infrastructure. Mr Durali İŞLER shared his valuable views on developing a safety culture in maritime and on work to prevent accidents.

SDG 8 SDG 3

Source: https://dmyo.pirireis.edu.tr/duyurular/can-sali-bulusmalari-2024-2025-bahar-donemi-1-faaliyeti/



End-of-autumn-semester seminar series 2

3 February 2025 • English Preparatory Department

The programme for the second week of the end-of-autumn-semester seminar series delivered by English Preparatory Department lecturers has been announced. The seminars on 3-6 February 2025 cover topics such as problem-solving techniques for educators, student-centred discussion strategies, virtual reality and metaverse platforms in ELT, teacher well-being and professional development, teaching different accents and dialects, and gender equality in education and ELT.

SDG 3 SDG 4

Source: https://prep.pirireis.edu.tr/duyurular/guz-donemi-sonu-seminerler-serisi-2/



Congratulations: patent granted for a magnetic-based flexible test kit

28 November 2024 • Maritime Vocational School (MVS)

The Turkish Patent and Trademark Office has decided to grant a Patent Certificate for the patent application titled “A Magnetic-Based Flexible Test Kit and a Production Method for an On-Skin Patch”, among whose inventors is Asst. Prof. Dr. Nilay GÜNDÜZ AKDOĞAN of the Marine Engineering Operations Programme, Department of Motor Vehicles and Transportation Technologies, PRU Maritime Vocational School.

SDG 3 SDG 9

Source: https://dmyo.pirireis.edu.tr/etkinlikler/tebrik/



Fire extinguishing training

Lecturer Abdullah Köktürk provided fire extinguishing training to all staff and students.

SDG 3

Source: https://sustainability.pirireis.edu.tr/etkinlikler/yangin-sondurme-egitimi/



Psychological Counselling and Guidance Unit services

A total of 2 Specialist Clinical Psychologists work within the Psychological Counselling and Guidance Unit, one at the Sea Campus and one at the Preparatory Campus. Appointments with the unit are made by e-mail. The service covers both students and administrative and academic staff.

SDG 3

Source: https://sustainability.pirireis.edu.tr/etkinlikler/pdr-birimi-hizmeti/



Occupational Health Unit (infirmary)

At the Piri Reis University Occupational Health Unit, a workplace physician and a workplace nurse work together under Occupational Health and Safety Law No. 6331 and the related regulations. The unit serves all administrative and academic staff as well as students, primarily for examination/intervention in emergencies and for the diagnosis and treatment of illnesses.

SDG 3

Source: https://sustainability.pirireis.edu.tr/etkinlikler/revir/



On Psychology

Our University is organising the “On Psychology” event for students and staff! Psychology is a science that guides us in every area of life and is not limited to therapy and the clinical field. The event aims to raise awareness on important topics such as understanding human behaviour, developing emotional intelligence and coping with stress.

SDG 3

Source: https://sustainability.pirireis.edu.tr/etkinlikler/psikolojiye-dair/



AFAD training: disaster awareness training

The Disaster Awareness Training organised at our University for students and employees aims to build awareness of disaster preparedness and to develop the skills to act correctly. The training seeks to raise public awareness in order to reduce the impact of natural disasters occurring in different regions of Türkiye.

SDG 3

Source: https://sustainability.pirireis.edu.tr/etkinlikler/afad-egitimleri-afet-farkindalik-egitimi/

RESEARCH AND PROJECTS

Research Projects Related to SDG 3

Below are research projects related to SDG 3 that were assessed as highly or moderately relevant to sustainability. They were compiled from final reports of Scientific Research Projects (BAP) and from BAP, TÜBİTAK and EU project records.

BAP-2024-02-03 · BAP · 2023-2024 (2nd call)

Optimal Site Selection for Post-Earthquake Emergency Response in Istanbul: A Neutrosophic Fuzzy EDAS Analysis Approach

Prof. Dr. Aykut ARSLAN · Faculty of Economics and Administrative Sciences

The Neutrosophic Fuzzy EDAS multi-criteria decision-making approach was applied for the proactive, science-based selection of emergency response points following the expected earthquake in Istanbul, a city of 15 million people close to the North Anatolian Fault. Work packages on field application, method/code, model and literature were carried out.

OUTPUTS

Work on an article is continuing with field research

SDG 11 SDG 13 SDG 3

BAP-2020-07 · BAP · 2020-2021

Development of a Polymeric Fluorescent Sensor for the Removal of Heavy Metals from Seawater

Asst. Prof. Dr. Musa KAMACI · Maritime Vocational School (MVS)

A fluorescent sensor containing polycaprolactone (PCL) and ZnO quantum dots was developed for the determination of heavy metal ions (particularly Fe3+) in seawater. The sensor's selectivity towards a large number of metal ions was examined, and it was found to show high selectivity and sensitivity for Fe3+ (LOD 0.333–0.410 µM).

OUTPUTS

Writing of an article based on the project outputs is reported to have begun

SDG 14 SDG 6 SDG 3

BAP-2020-11 · BAP · 2020-2021

Development of Antibacterial Polymer Nanocomposite Filter Materials for Bioaerosol Removal

Prof. Dr. Elif ÖZEN CANSOY · Faculty of Arts and Sciences

PAN nanocomposite filters doped with GNP and graphene oxide were produced by electrospinning for the removal of bioaerosols (viruses, bacteria, spores) from indoor air, and their morphology, air permeability and water vapour transmission were characterised. The PAN_GNP_GOX filter, on which the enzyme glucose oxidase was immobilised, showed an antibacterial effect with a 0% viability rate at the 60th minute. Approved budget TRY 30,000; expenditure TRY 24,133.9.

OUTPUTS

Master's thesis: Gamze DEMİR, 'Polymeric nanofiber filter materials for bioaerosol removal from indoor air' (September 2023, to be completed); 1 SCI publication in preparation

SDG 3 SDG 11

BAP-A-2025-01-05 · BAP Infrastructure · 2024-2025 (1st call)

Performance and Emission Modelling of a Hydrogen-Assisted Combustion Application in a Diesel Engine

SDG 13 SDG 7 SDG 14 SDG 3

BAP-2025-02-06 · BAP · 2024-2025 (2nd call)

Artificial Intelligence-Based Detection of Brain Tumours

Asst. Prof. Dr. Ezgi ÖZER · Faculty of Engineering

The aim was the automatic identification of images containing tumours by analysing medical images such as MRI, CT, X-ray and ultrasound with an artificial intelligence-based decision support system. The system was targeted to achieve high accuracy, sensitivity and specificity in brain tumour detection. Budget for scholarship holders: TRY 13,869.60.

OUTPUTS

The scientific outputs are in the process of being turned into publications

SDG 3

BAP-A-2024-05 · BAP Infrastructure · 2024-2025 (2024 BAP Infrastructure call)

Optical Properties of Photoluminescent Materials for Low Location Lighting (LLL) on Ships

Prof. Dr. Gülşen AKIN EVİNGÜR · Maritime Vocational School (MVS)

PVA-GO and EVA-GO polymer-based photoluminescent materials were prepared for low location lighting (LLL), which indicates the direction of the exits during emergency evacuation on ships. The optical properties of the materials and their luminescence intensity according to IMO rules were examined within the framework of the ISO 15370, ISO 17398 and ISO 16069 standards.

OUTPUTS

A patent application is planned after optimisation; An article will be submitted after the patent application

SDG 3 SDG 14

BAP-2024-02-07 · BAP · 2023-2024 (2nd call)

Cell Identification and Characterisation with Machine Learning

Dr. Volkan USLAN · Faculty of Economics and Administrative Sciences

A YOLOv5s-based deep learning workflow for detecting erythrocytes, leukocytes and thrombocytes in microscopic images was applied to the BCCD dataset (364 images, 4,888 cells). An mAP@0.5 of 0.926 ± 0.010 was obtained in five-fold cross-validation and 0.942 in the final evaluation.

SDG 3

BAP-2020-05 · BAP · 2020-2021

Experimental Investigation of the Acoustic Properties of Polymer-Based Glass Fibre Reinforced (GRP) Composites

Assoc. Prof. Dr. Gülşen AKIN EVİNGÜR · Maritime Vocational School (MVS)

Motivated by the problem of noise pollution in the maritime, automotive and construction sectors, GRP composites with a sound-absorbing ethylene vinyl acetate (EVA) interlayer were produced. The sound absorption coefficient and sound transmission loss of the EVA and GRP samples were measured with an impedance tube; the composites were produced at the Gölcük Naval Shipyard Command. TRY 12,040.6 of the project support fund (TRY 30,000) was used.

OUTPUTS

Conference paper: 'Experimental study of acoustic properties of polymer based fiber reinforced composites', 25. Sıvı Hal Sempozyumu, 2022; Conference paper: 'The Importance of EVA for Polymer Based Fiber Reinforced Composite', 7th European Symposium of Photopolymer Science, 2022

SDG 3 SDG 9

BAP-A-2025-01-03 · BAP Infrastructure · 2024-2025 (1st call)

Design of a Real-Time Ship Crew Location Monitoring System

SDG 8 SDG 3 SDG 14

BAP-2025-04-02 · BAP · 2024-2025 (4th call)

Parametric Analysis of a Self-Righting Boat

SDG 14 SDG 3

ANNEX

SDG 3 Activity Inventory

The table below lists all activities associated with SDG 3 during and before the reporting period that are publicly available on the university's websites. The links serve as evidence.

Date	Activity	Unit	SDG
5 December 2025	Seminar on "Psychological Preparation for Shipboard Life and Handling Legal Processes That May Arise on Board" held	Maritime Vocational School (MVS)	3 8
20 October 2025	PRU English Preparatory Department at ICPLTL-2025	English Preparatory Department	4 3
14 June 2025	Seafarer Psychology Scale: developing a new scale to measure psychological factors specific to seafarers	Faculty of Economics and Administrative Sciences	3 8
23 May 2025	Piri Reis University inter-student project presentation results	Faculty of Economics and Administrative Sciences	3 4
14 April 2025	"Awareness of Punishment and the Psychology of Communication" conference by our Blue Butterflies Children's Rights Club	ÖDEK – Blue Butterflies Children's Rights Club	16 3
13 March 2025	"Addiction Drama" training by our Philosophy Club	ÖDEK – Philosophy Club	3
18 February 2025	1st activity of the Can SALI Meetings, 2024-2025 spring semester	Maritime Vocational School (MVS)	8 3
3 February 2025	End-of-autumn-semester seminar series 2	English Preparatory Department	3 4
26 December 2024	Genç Yeşilay Club seminar "Substance Addiction among Young People"	ÖDEK – Genç Yeşilay (Young Green Crescent) Club	3
25 December 2024	"Disaster Awareness" seminar by our Disaster Search and Rescue Club	ÖDEK – Disaster Search and Rescue Club	11 13 3
28 November 2024	Congratulations: patent granted for a magnetic-based flexible test kit	Maritime Vocational School (MVS)	3 9
8 November 2024	Turkish Red Crescent blood donation event	English Preparatory Department	3
18 April 2024	"Be the Leader of Your Own Life!" seminar		3
14 April 2021	Human dignity in biomedical law	Faculty of Law	3 16
	Fire extinguishing training		3
	Occupational health and safety training		3
	OHS activities		3
	First aider training		3
	Earthquake Information Seminar 2		3
	2024 emergency drill		3
	Psychological Counselling and Guidance Unit services		3
	Occupational Health Unit (infirmary)		3
	Futsal Friendship Cup		3
	"Our Family" basketball three-point shooting tournament		3
	On Psychology		3

Date	Activity	Unit	SDG
	Psychological techniques training		3
	Free use of the gym and training pool for students and staff		3
	Turkish Red Crescent blood donation		3
	AFAD training: disaster awareness training		3

CONCLUSION

Conclusion and Assessment

Free and confidential counselling by two clinical psychologists, the health unit, free sports facilities and the Smoke-Free Campus Policy with its procedures safeguard the physical and mental well-being of students and staff. Blood donation campaigns with the Turkish Red Crescent and a scale measuring psychological factors specific to seafarers address the health needs of the maritime profession.

Priorities for the coming period are to structure sexual and reproductive health information services for students, to set up protocols for sharing sports facilities with local schools and communities and to report community health programmes with participation data.



PÎRÎ REİS UNIVERSITY

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