

Tag Name:

Life on Land (SDG 15)

Sustainable Living in Terrestrial Ecosystems: Responsible and Solution-Oriented Approaches

Üsküdar University, within the scope of the Sustainable Development Goal aimed at preserving terrestrial life, places a strong emphasis on efforts to conserve terrestrial life and energy resources. In this context, the university takes significant steps towards the preservation of terrestrial ecosystems and the development of sustainable practices for energy resources. Within the academic framework of Üsküdar University, research on the preservation of terrestrial life adopts an interdisciplinary approach, basing its scientific understanding to analyze various aspects of terrestrial ecosystems. High-quality academic studies are conducted in areas such as the sustainable management of biological diversity, habitat restoration, and the preservation of ecosystem services.

Üsküdar University, in its commitment to the conservation of forests and wildlife, has organized various events to positively impact the sustainability of terrestrial ecosystems. Tree-planting activities led by the founding rector, extending beyond symbolic gestures, represent a significant step towards the restoration of natural ecosystems and the preservation of biological diversity. These efforts aim to involve students directly in the rehabilitation of terrestrial areas, ensuring their long-term sustainability.



Visual 1: Tree-Planting Activity Led by the Founding Rector with Student Participation.

Üsküdar University has focused on sustainable energy solutions on its business premises in Istanbul, preparing a comprehensive technical and economic analysis report for integrated solar power plants. This significant initiative includes the project design of an integrated solar power plant on the Tepeören University business premises, particularly aimed at meeting the energy needs of Istanbul. The project aims to make a substantial contribution to achieving sustainable development goals. The sustainable energy projects undertaken by Üsküdar University are strategically focused on comprehensive objectives such as reducing dependence on fossil fuels, lowering carbon footprint, and minimizing environmental impacts. These efforts aim to enhance environmental sustainability through solutions based on clean and renewable energy sources. The university's significant endeavors not only contribute locally but also play a constructive role in the overall transition to sustainable energy. In this context, the university's pioneering role in achieving the goal of leaving a clean and sustainable environment for future generations is part of a forward-looking vision in the field of sustainable development.



Visual 2: Solar Power Plant to be Located on the Tepeören University Business Premises.

Üsküdar University adopts significant strategies in its Environmental Analysis Report focused on reducing and managing plastic waste to preserve terrestrial life. The report emphasizes the commitment of the university to minimize environmental impact, with a particular

emphasis on zero waste certifications. Details about the contents of plastic waste recycling bins and photographs depicting the placement of these bins within the university document the institution's concrete steps in plastic waste management. The university administration aims to reduce the use of plastic cups by adopting an environmentally friendly approach, providing metal water bottles free of charge to all administrative and academic staff. This initiative not only contributes to reducing plastic waste within the university but also raises awareness among individuals in their daily lives about minimizing environmental impacts. Üsküdar University's efforts reflect a commitment to the sustainability of terrestrial life by demonstrating its determination to reduce plastic waste and minimize detrimental effects on nature. The implemented practices not only present an exemplary model but also contribute to global efforts to preserve terrestrial ecosystems.



Visual 3: Recycling Waste Bins Located Within the University Premises.

Additionally, the university aims to create a conscious and effective education program for terrestrial ecosystems, providing students and relevant stakeholders with current knowledge and skills in this field. These educational programs aim not only to convey theoretical knowledge but also to provide students with hands-on experience through practical applications. Üsküdar University's efforts in this area are supported by national and

international collaborations and projects. These collaborations bring together institutions with similar visions and goals to share knowledge and experiences regarding the sustainability of terrestrial life and to develop joint solutions. In this context, Üsküdar University undertakes a significant academic and social responsibility towards the successful achievement of Sustainable Development Goal 15.