

15. LIFE ON LAND

The University supports biodiversity and the protection of terrestrial ecosystems through research, education, and campus initiatives. Green spaces on campus are maintained with biodiversity in mind, and leftover food from campus dining is used to feed street animals, reducing waste while supporting the local ecosystem. Academic programs in architecture and environmental design include modules on sustainable land use, heritage preservation, and ecological urbanism, preparing students to address pressing environmental challenges.

15.1. Projects

- **Green Library Project:** Land-life-aligned initiatives were implemented, including tree donation activities.
- **KHAS110 with the Four-Legged City Association:** Students worked on stray-animal issues in Istanbul, such as supporting a veterinary database for disaster response, designing primary-school lessons on animal rights, and analysing social-media hate speech and violations.
- **SG Projects:** Kadir Has University conducts regular planting activities to protect nature and to revitalize its green and arid areas.

15.2. Publications

- **Prosumer economy in practice: Building a community of SMEs with deepened circular supply networks** Author(s): Korğali, A., Uslu, D., and Özesmi, U.
Year: 2024
- **Assessing the effectiveness of OTT services, branded apps, and gamified loyalty giveaways on mobile customer churn in the telecom industry: A machine-learning approach**
Author(s): Kirgiz, Ö., Kiygi-Calli, M., Cagliyor, S., and El Oraiby, M.
Year: 2024
- **A new energy-economy-environment modeling framework: Insights from decarbonization of the Turkish power sector towards net-zero emission targets**
Author(s): Kat, B., Şahin, U., Teimourzadeh, S., Tör, O., Voyvoda, E., and YELDAN, A.
Year: 2024
- **A Data Science Perspective on Global Trends in Energy Production**
Author(s): Hatira, N., Alsan, H., and Arsan, T.
Year: 2024
- **Towards Better Energy Efficiency Through Coil-Based Electricity Consumption Forecasting in Steel Manufacturing**
Author(s): Koca, A., Erdem, Z., and Dağ, H.
Year: 2024
- **Mapping Vertical Greening on Urban Built Heritage Exposed to Environmental Stressors – A Case Study in Antwerp, Belgium**
Author(s): Kale, E., De Groeve, M., Pinnel, L., Erkan, Y., Hacigüzeller, P., Orr, S., and De Kock, T.
Year: 2023

- **Transforming Türkiye's power system: An assessment of economic, social, and external impacts of an energy transition by 2030**

Author(s): Acar, S., Kat, B., Rogner, M., Saygin, D., Taranto, Y., and YELDAN, A.

Year: 2023

15.3. Courses

- LAW474 – Climate Law (Elective)

Course Description: This course addresses law, environmental protection, and climate change. It introduces students to how law functions as a tool to prevent and mitigate the problems caused by climate change. The course presents a series of definitions, concepts, and themes that provide fundamental knowledge about climate change.⁹⁷

⁹⁷<https://bologna.khas.edu.tr/ders/30004313/program/50000736>