

Abstracts

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DESIGN 2019

Fifth International Conference for
Design Education Researchers

9-12 July 2019

Cultural and Convention Center
Middle East Technical University
Ankara, Turkey



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043 Studio-Sustain Urla-Barbaros: A Design Studio Course on Sustainability

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A series of design studio projects on sustainability and design was initiated in 2017 at İstanbul Bilgi University, Department of Industrial Design. The series aims to lead the students to think, discuss, and get aware of their responsibilities on their decisions, about the environment, living things and resources in design projects. For this purpose, a design studio course encompassing the processes and methods of sustainable design was structured. The topic was the context of a locality in Turkey, outside the campus and within daily life, so the students would directly relate with these responsibilities. Similarly, the structure and project briefs of the studio were determined through a direct interaction with the locals and the local knowledge of the region. Aiming that, and in line with certain methodologies of sustainable design, three visits were made to the site during the semester; the first by the coordinators before the semester started, the second and the third with the students and coordinators, for research and project development phases. The research phase was based on the core topics related to sustainability and the region: built environment, culture, food, energy, waste, and water. During the project development the students focused on one of these topics and built vision scenarios for future on the grounds of the past and present of the village, and proposed system and product designs to facilitate reaching their vision. They shaped their design ideas on the grounds of the local context and shared their projects with stakeholders and the inhabitants.

Keywords: sustainability; industrial design education; systems thinking; design camp; local and rural

