



Interior Architecture and
Environmental Design

İ.D. BİLKENT UNIVERSITY 2018-2019

Lecture: Sustainable Approaches in Building Design to Improve Human-Environment Interaction

Date: 12 April 2019

Time, Place: FB 309, 12.50-13.30

Speaker: Dr. Aysu Sagun Kentel

Bio: Aysu Sagun Kentel is a graduate of the Department of Interior Architecture and Environmental Design at Bilkent University (BFA, MFA, PhD). She worked as a Lecturer in the Department of Interior Architecture and Environmental Design at Bilkent University, and in the Faculty of Architecture and Design at Bahçeşehir University. She joined the Department of Civil and Building Engineering at Loughborough University as a Research Associate. Then, she worked as a lecturer and as the Head of Interior Design Pathway in Cambridge School of Arts at Anglia Ruskin University. Recently, she has been teaching part-time graduate and undergraduate courses about human-environment interaction, universal design, disaster management and free-hand drawing at METU Northern Cyprus Campus. Her research interests include disaster management and mitigation, crowd modelling, universal design, sustainable art and design, computer aided design, and collaborative and virtual design environments.

Abstract:

Sustainable design of the built environment needs to explore environmental, social and economic dimensions of human-environment interaction during both expected and unexpected circumstances. In this presentation, two research fields that support sustainable building design are discussed. The first part of the presentation will explain two research projects that focused on disaster management (DM) process, which aims to increase safety and to mitigate impacts of disasters on people and environment. The first DM project is focused on development of Information and Communication Technology based collaboration process, highlighting information flows and patterns between built environment experts and other stakeholders in DM. The second DM project is focused on design issues that affects exit preferences in building evacuations during emergency events. Then, the second part of the presentation will briefly explain integration of universal design principles in design, social sciences and engineering fields. The presentation will be concluded with a discussion on how these two research fields intersect in future building design research studies.

