


# Editorial

## “Landscape Research” special issue

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Dear Colleagues,

We would like to welcome you to “Landscape Research” special issue of the Journal of Design Studio. Journal of Design studio is a juvenile journal which constituted under the leadership of Prof. Dr. Orhan Hacıhasanoğlu and Dr. İlgi Toprak and well substantially succeeded. I consider it a great honor to be the invited special issue editor of this special issue and would like to thank and express my gratitude to Chief editor, Prof. Dr. Orhan Hacıhasanoğlu and associate guest editors; Dr. Kaan Özgün and Dr. Dinemis Aman for providing the support and feedback necessary to find, develop, and publish material of such consistent high quality.

As the world reaches the limits of natural resources, humankind must become more responsible than ever before. Landscape research special issue is focusing on the subjects related with hazardous results of climate change, management of the risks and taking actions on those subjects. Besides the educational panel of the landscape research is another important subject that should be tackled since including the basic root of the education methodology and creating sensitivity for the way of thinking of humanity. There is a great need for an interdisciplinary mechanism by which research and expert knowledge can contribute to effective solutions clearly, this is why we have decided to embark in the special issue of this journal through an ecological planning perspective.

The scope and the brief content of the valuable papers that are published at this special issue are explained briefly below. The study with the title “Recording Landscape Education: Research-Based Design Studio Approach” is trying to answer two questions that are 1- How can landscape memory be used in design education; 2- How can a research-based design studio pedagogy be conducted on this approach? This paper uses a research-based design approach in landscape architecture education to decode and recode the memory of the landscapes in the design process. Covering these two approaches, the research-based design studio expresses the discovery of the knowledge through a strong research process. The results are come out as implementing a research-based process ensured a place-based and innovative perspective to shape a design concept. Using the pre-specified landscape memory model empowered the research phase and helped students to analyze and discern the place with their own perceptions.

In the other valuable contribution with the title “Disaster Awareness and Education-center Park: Design Investigation of Outdoor space on Graduation Project of Architecture Students”; has an original evaluation and classification methodology. Project designs are evaluated on the

subjects of both spatial and functional criteria and their sub criteria from the aspect of disaster areas.

The study titled “Around Water: A Research-Based Landscape Design Studio” is including water-based case studies produced around the world from cisterns to sinking cities, from basins to water footprints, from the value of holy water to its technological aspect with game design; enriching the outputs and creating cumulative studio knowledge.

The study titled “Design practices for flood resilience in Istanbul: Case of Kadıköy waterfront” focuses on physical measurements to adapt Istanbul to the effects of coastal flooding. In this regard, the paper aims to develop site-specific spatial design proposals as possible measurements to increase Istanbul’s waterfronts capacity for a practical flood resilience approach. This paper also handling the flood management in case of storm events and tsunamis that are intensified through climate change.

The last paper titled “New approaches on urban agriculture: a case study in Ataköy” discusses the urban agriculture practices in the context of sustainability through examples from Ataköy in a comparable style. Idle industrial areas or vacant lots and urban agriculture potentials are examined based on the R-URBAN strategy through methodologies of literature review and feasibility and field studies that carried out in Ataköy. A scenario produced and an implementation model has been developed for Ataköy in the context of urban agriculture at the basis of R-URBAN strategy.

We are proud to present our special issue on the theme of Landscape Research. I would like to thank all of the authors and reviewers and valuable academicians who have devoted much energy to a sustainable future.