



ITU Journal of
the Faculty of
Architecture

Vol 15 No 3 • November 2018

ISSN 2564-7474

***Is sustainability out
resilience in?****

Y. Çağatay Seçkin • Editor
Editorial

Burcu Selcen Coşkun

Scraping the layers: Tahsin Öz and his stylistic restorations in Topkapı Palace Museum

İrem Dilek, Pınar Kaygan

Different goals, different criteria: Perspectives of jury members in industrial design competitions in Turkey

Fatma İpek Ek

Piranesi's arguments in the Carceri

Zeynep Deniz Yaman Galantini, Azime Tezer

Review: In the complex epoch is sustainability “out” resilience “in”?

Rehailia Hassib, Saadi Ibtissem

Territorial marketing: A tool for developing the attractiveness of territories

Anton A. Kim, Vera I. Luchkova

Assimilation of traditional architecture influenced by the imported styles

Gülru Koca, Nihal Arıoğlu, Nusret As

The effect of cyclic relative humidity exposure, sanding and grooving on the dimensional stability of solid wood parquet

Semra Aydın, Burçin Kürtüncü

Paradigm shift in studio culture

Shiva Velayati, Mohammad Reza Pourmohammadi, Rasoul Ghorbani

Important factors in residential complex architecture in Tabriz

Berna Yaylali Yıldız, Fatma İpek Ek, Işın Can

Transformation in a housing-design story: Reading the spatial typologies of apartment projects in Hatay-Izmir





ITU Journal of the Faculty of Architecture

Vol 15 No 3 • November 2018

Published three issues in one year by Istanbul Technical University as a refereed journal.

Editorial

Y. Çağatay Seçkin

Publisher

Mehmet Karaca

On behalf of Istanbul Technical University

Editorial Board

Aliye Ahu Akgün
İpek Akpınar Aksugür
Eda Beyazıt İnce
Emine Görgül
Murat Gül
Murat Günaydın
Yegan Kahya
Seda Kundak
Deniz Leblebici Başar
Gülten Manioğlu
Mine Özkar
Şevkiye Şence Türk

Advisory Board

Ömer Akin • *Carnegie Mellon University, Pittsburgh, USA*
Sadık C. Artunç • *Mississippi State University, USA*
Ece Ceylan Baba • *Yeditepe University, Turkey*
Michael Batty • *University College, London, UK*
Sina Berköz • *University of Bahrain, Isa Town, Bahrain*
Richard Buchanan • *Carnegie Mellon University, Pittsburgh, USA*
Eric H. Buhmann • *Hochschule Anhalt, Germany*
Conall O'Cathain • *Queen's University of Belfast, Belfast, UK*
Jay Chatterjee • *University of Cincinnati, Cincinnati, USA*
Max Conrad • *Louisiana State University, Baton Rouge, USA*
John Gero • *George Mason University, USA*
Gabriela Goldschmidt • *Israel Institute of Technology, Haifa, Israel*
Manolya Kavaklı • *Macquarie University, Australia*
Joachim Kieferle • *Hochschule RheinMain, Germany*
Roderick John Lawrence • *University of Geneva, Geneva, Switzerland*
Susan Macdonald • *Getty Conservation Institute, USA*
Ardeshir Mahdavi • *Vienna University of Technology, Vienna, Austria*
Ezio Manzini • *Politecnico di Milano, Milano, Italy*
Robert W. Marans • *University of Michigan, Ann Arbor Michigan, USA*
Peter Nijkamp • *VU University of Amsterdam, The Netherlands*
Andrew D. Seidel • *Texas A&M University, College Station, USA*
Bruce Sharky • *Louisiana State University, USA*
Nazire Papatya Seçkin • *Mimar Sinan Fine Arts University, Turkey*
Tim Waterman • *The University of Greenwich, UK*

Editorial Secretariat

Sinem Becerik
Pelin Efilci
Ebru Şevkin

Representative

Sadık C. Artunç • *Mississippi, USA*

Typesetting

Koray Gelmez
Aydan Serbest

Web

Ece Yurtaçan

Print

Cenkler Matbaa, Istanbul, Turkey, November 2018

Cover Design

Koray Gelmez

Logo Design

Koray Gelmez

Abstracted and Indexed in

Avery Index to Architectural Periodicals
Design and Applied Art Index (DAAI)
Directory of Open Access Journals (DOAJ)
Genamics JournalSeek
International Construction Database (ICONDA)
Scopus
SJR Scimago
ULAKBİM
ISSN 2564-7474

Contact

İTÜ A|Z Yayın Sekreterliği,
İstanbul Teknik Üniversitesi,
Mimarlık Fakültesi
Taşkışla, Taksim, 34437
İstanbul Türkiye
fax: 90 212 251 4895
e-mail: az@itu.edu.tr
web: www.az.itu.edu.tr

Guide for authors

Authors must follow these instructions carefully to avoid delays in submission, peer-review and publication processes.

1. Submission of manuscripts

The language of the journal is English. After the submission, the manuscripts will be edited according to the journal submission format and authors may be requested for some corrections or for addition of any missing

2. Preparation of manuscripts

The cover letter, title page, text with references, tables and a list of figure captions should be prepared as separate Word documents and should be uploaded the online submission system separately. The manuscript must be typed in double spacing by using Arial font with 12 points. All pages must be numbered consecutively.

2.1. Cover Letter

The cover letter must state that the manuscript has been written and approved by all authors, that it presents an original and unpublished work; and it has not been submitted to, or is not under review process in another journal. It must contain the names and signatures of all authors. The scan of the cover letter is acceptable.

2.2. Title Page

The title page must contain a concise and informative title; names, affiliations (department, faculty, university, city and country) and e-mail addresses of all authors, and identify the corresponding author.

2.3. Abstract

A concise and informative abstract in English must not exceed 250 words in length, must summarize the purpose, methods and major findings of the paper.

2.4. Keywords

The article must have minimum 3, maximum 5 keywords which must be sorted in alphabetical order and separated by commas. Keywords must be carefully selected to facilitate the readers' search.

2.5. Text

Text must not exceed 7000 words. All headings must be numbered consecutively and hierarchically. Authors, for whose English is not the native language, are strongly encouraged to have their manuscript carefully edited prior to submission. Also, authors are recommended to perform spell checking of the text. Within the article, avoid the use of footnotes and endnotes, if unavoidable, label as (1), (2) and list all together at the end of the page where they occur.

2.6. Acknowledgement

If necessary, acknowledgements can be provided.

2.7. References

The style and punctuation of the references must follow the APA referencing style. References in the manuscript must give the surname of the author and the year of publication in brackets. The references must be listed in alphabetical order of authors' names and in chronological order for each author. The upper and lower case rules and punctuation types of APA style must be carefully followed. Further details about APA referencing style can be seen from <http://www.apastyle.org/>.

Some examples of reference citation are given below.

Books

Author, A. (2014). *Title of the book*. London: Mitchell.

Journals

Author, A. A., Author, B. (2012). Title of the article. *Title of Journal*, 12(4), 187–195.

Conference Proceedings

Author, A. A., Author, B. (2014). *Title of paper*. Paper presented at the meeting of Organization Name, Location.

Thesis

Author, A. A. (2008). Title of thesis (Unpublished doctoral dissertation or master's thesis). Name of Institution, Location.

Websites

The BBC (<http://www.bbc.co.uk>).

Author, A. (2011). Title of document [Format description]. Retrieved from <http://URL>

Report

Author, A. A. (2012). *Title of work* (Report No. 123). Location: Publisher.

Author, A. A. (2012). *Title of work* (Report No. 123). Retrieved from Name website: <http://www.az.itu.edu.tr>

3. Preparation of Tables and Figures

Tables and figures must not be embedded in the article. The proposed location of figures and tables must be indicated in the article by using [Figure 1] and [Table 1] format.

Tables must be provided after the references and each table should be placed on a single page. They must be consecutively numbered and must have a brief informative caption. The caption must be provided before the table and written in "Table 1. Name of the table" format. If necessary, explanatory footnotes must be brief, placed beneath the table and indicated by (*).

Figures must be numbered consecutively throughout the paper and uploaded to the online submission system as separate image files. Figures must be in grayscale or in black-and-white with minimum 300 dpi resolution as jpeg format. Figures must be named as they named in the article in "Figure 1. Name of the figure" format. Figure captions must also be listed at the end of the article, after the tables.

4. Symbols, abbreviations and conventions

Symbols, abbreviations and conventions in papers must follow the recommended SI Units. Abbreviations must be defined in brackets after their first mention in the text in accordance with internationally agreed rules.

5. Mathematical expressions

Mathematical symbols and formulae must be typed and any other application or program must not be used. Particular care must be exercised in identifying all symbols and avoiding ambiguities. Distinction must be made between the number one (1) and letter (l) and between the number (0) and the letter (O). Equation numbers must appear in parentheses and numbered consecutively. All equation numbers must appear on the right hand side of the equation and must be referred to within the text.

6. Copyright and originality

It is the author's responsibility to obtain written permission from authors and publishers of any previously published material; text, tables, figures, etc.

8. Book reviews and notes

A book review must run between 500-1000 words, which give scope for an assessment of the book and its contribution to knowledge and discussion within the broad field of architecture, planning and design. Reviews must be typed in double spacing by using Arial font with 12 points. Name, affiliation and e-mail address of the reviewer must be given. A photograph of book cover must be provided in jpeg format. The title, author, origin, publisher, date, number of pages, price and ISBN number must be provided as in the following example.

The Search for Form in Art and Architecture

Eliel Saarinen, 1985

Dover Publications Inc.: New York

354 pp 8.95 US \$ Paperback

ISBN 0-486-24907-7

9. Publication charges

There is no submission and page fee for A|Z ITU Journal of the Faculty of Architecture.



Contents

Y. Çağatay Seçkin • Editor Editorial	I-II
Burcu Selcen Coşkun Scraping the layers: Tahsin Öz and his stylistic restorations in Topkapı Palace Museum	1-12
İrem Dilek, Pınar Kaygan Different goals, different criteria: Perspectives of jury members in industrial design competitions in Turkey	13-27
Fatma İpek Ek Piranesi's arguments in the Carceri	29-39
Zeynep Deniz Yaman Galantini, Azime Tezer Review: In the complex epoch is sustainability “out” resilience “in”?	41-59
Rehailia Hassib, Saadi Ibtissem Territorial marketing: A tool for developing the attractiveness of territories	61-69
Anton A. Kim, Vera I. Luchkova Assimilation of traditional architecture influenced by the imported styles	71-80
Gülru Koca, Nihal Arıoğlu, Nusret As The effect of cyclic relative humidity exposure, sanding and grooving on the dimensional stability of solid wood parquet	81-90
Semra Aydın, Burçin Kürtüncü Paradigm shift in studio culture	91-108
Shiva Velayati, Mohammad Reza Pourmohammadi, Rasoul Ghorbani Important factors in residential complex architecture in Tabriz	109-121
Berna Yaylalı Yıldız, Fatma İpek Ek, Işın Can Transformation in a housing-design story: Reading the spatial typologies of apartment projects in Hatay-Izmir	123-137

Contributors

Anton ANDREEVICH KIM

Anton Andreevich Kim, B.Arch, M.Arch. Received his B.Arch and M.Arch from Pacific National University (PNU) (2014, 2016). Today he is a lecturer and a postgraduate student (Department of Architecture and Urbanistics, PNU). His research interest is Western influence in the architecture of China in the late 19th–early 20th century.

Nihal ARIOĞLU

Prof. Dr. Nihal Arioğlu has retired from İTÜ Faculty of Architecture in 2016 and presently she is working as a Professor in the Department of Architecture, Beykent University, Istanbul. She is experienced in advanced experimental techniques of building materials. She is the head of the scientific committee of “Roof and Façade Symposium” and she has supervised nearly 50 postgraduate students.

Nusret AS

Prof. Dr. Nusret As obtained his BSc, MSc and PhD in Forest Engineering from İstanbul University and presently he is a Professor in the Department of Forest Industry Engineering, İstanbul University-Cerrahpaşa.

Semra AYDINLI

She studied as full professor at ITU since 2004, and retired in 2014. She received her all degrees from ITU including her Ph.D. She has been visiting professor at Clemson University, Westminster University, Wentworth Institute of Technology, Delft University of Technology. Her research areas are Paradigm Shifts in Architecture and Design Education, Aesthetic Experience, Architectural Phenomenology”.

Işın CAN

Işın is a lecturer in Izmir Institute of Technology. Since the beginning of her academic life, she started to teach in a wide range of design studios including City Planning, Urban Design, Architectural Design and Basic Design, both in UK and Turkey. Her research interests concern in-between space,

public space, urban morphology, space syntax, and environmental psychology. Işın pursued her PhD in the School of Built Environment in the University of Nottingham in 2012, researching on “In- Between Space and Social Interaction: A Case Study of Three Neighbourhoods in Izmir”. In addition Işın is a member of Izmir Chamber of Architects and Aesop_YA (The Association of European Schools of Planning – Young Academics).

Burcu Selcen COŞKUN

Burcu Selcen Coşkun graduated with a bachelors’ degree in Architecture from Mimar Sinan University in Istanbul, where she received her PhD degree in the Heritage Conservation Department (2012). In 2014 she was a visiting academic at the University of York Conservation Studies Programme. Her research areas are theory of conservation, history of conservation in Turkey and conservation of recent heritage.

İrem DİLEK

İrem Dilek received the B.I.D. and MSc degrees from Middle East Technical University, Department of Industrial Design. Currently, doing the PhD in the same area and working as a research assistant at METU. Her main areas of research interest are Design Management and Innovation through design.

Fatma İpek EK

İpek Ek attained the bachelor (2003), master (2006), and doctoral (2012) degrees from the Department of Architecture at Izmir Institute of Technology. She has published on Giovanni Battista Piranesi, and housing-design relationships. She has worked in the departments of architecture, and interior architecture, at several universities in Izmir and Istanbul.

Burçin GÜNGEN KÜRTÜNCÜ

She was born in Ankara, 1973. She studied architecture in İstanbul Technical University and received M.Sc. and Ph.D. degrees. She has been working there since 2000. She visited Illinois Institute of Technology as a research scholar. Her research interest focuses

on architectural education, design studio, representation and diagrams in architectural design.

Pınar KAYGAN

Pınar Kaygan is Associate Professor in Industrial Design at Middle East Technical University, Turkey. Her research interests include creative work and workplace; interdisciplinary relations, collaboration and teamwork in design; and critical aspects of design management, including gender, hierarchy and power relations in the designer's work.

Gülru KOCA

Assistant Prof. Dr. Gülru Koca obtained her BSc in Architecture from İTÜ in 2000, MSc and PhD from the same institution in 2004 and 2010. She is currently working at Işık University, Department of Interior Architecture and Environmental Design. Her main research interests are; evaluation of building materials, timber building materials, non-destructive testing, sustainability in materials.

Vera Ivanovna LUCHKOVA

Vera Ivanovna Luchkova, PhD (Moscow Architectural Institute, 1985). In 1998–2017—the Dean of the Faculty (Institute) of Architecture and Design (Pacific National University). Since 2018—a professor and the Scientific Advisor of this Institute. Her research interests is history of architecture and urban planning in China, Japan and Korea.

Hassib REHAILIA

Hassib Rehailia is an associate professor. He received his PhD. and Master in Architecture, from Institute of Architecture, Geneva University, Switzerland. He earned his BSc. and Master in Civil engineering from Department of civil engineering, University of Annaba. He is currently working in Badji Mokhtar University, Department of

Architecture, Annaba, Algeria where he teaches the theory of project. Research fields: Urban, Health and Islamic architecture, Heritage.

Ibtissem SAADI

Ibtissem Saadi completed her undergraduate studies and obtained her Master Degree in Architecture from the Department of Architecture at Badji Mokhtar University in Annaba, Algeria. She teaches urbanism, urban project. Research fields: Planning, Heritage.

Azime TEZER

Azime Tezer works at Istanbul Technical University (ITU), Urban and Regional Planning Department. Her researches focus on ecological urban planning policies, tools and techniques for natural hazard mitigation, integration of ecosystem services into spatial planning, eco-sensitive watershed management modeling, climate change mitigation and adaptation interaction with spatial planning.

Zeynep Deniz YAMAN GALANTINI

Zeynep Deniz Yaman Galantini is an urban and regional planner. She accomplished Master of Science in Politecnico di Milano University (POLIMI) in 2008. In 2018, she has completed “Urban and Regional Planning” Ph.D. program in Istanbul Technical University (ITU). Her fields of interest are “resilience” and “urban resilience” studies.

Berna YAYLALI YILDIZ

Berna Yaylalı Yıldız received the bachelor and master degrees from Department of Architecture at METU and PhD. degree at İYTE. Major research interests include public spaces, university campuses and space syntax. She has worked in architectural offices in Ankara and in the departments of architecture at different universities in İzmir.