

International Journal of Architecture and Planning Volume 2, Issue 2,2014

ISSN: 2147-9380

available online at: www.iconarp.com

ICONARP International Journal of **Architecture and Planning**

Elektronik / Online: Issn: 2147-9380

ICONARP is a biannual peer-refereed journal of the Selcuk University, Faculty of Architecture online published every June and December.

Contact Adress

ICONARP Selçuk University, Faculty of Architecture Journal Faculty of Architecture A.Keykubat Campus 42030, Konya-TÜRKİYE

> Tel: +90332 223 1031 Faks: +90332 241 2300

E-mail: iconarp@selcuk.edu.tr

Sahibi / Owner

Prof. Dr. Ahmet ALKAN Dean of Faculty of Architecture

Volume 2, Issue 2,2014 ISSN: 2147-9380

ii International Journal of Architecture and Planning



International Journal of Architecture and Planning available online at: www.iconarp.com

Editor / Editor-in-Chef

Havva ALKAN BALA

Department of Architecture

Yardımcı Editörler / Associate Editors

H.Filiz MEŞHUR

Department of City and Regional Planning

Bilgehan YILMAZ ÇAKMAKDepartment of Architecture

Yayın Koordinatörleri / Publishing Coordinators

Fatih EREN
Kıvanç ERTUĞAY
Özer KARAKAYACI
Armağan GÜLEÇ KORUMAZ
Selçuk SAYIN
Süheyla SIRAMKAYA
Esra YALDIZ

Dergi Yayın Kurulu / Editorial Board

AS, İmdat Hartford University, USA

AUGENBROE, Godfried Georgia Institute of Technology

CHIUINI, Michele Ball State University

DE WILDE, Pieter Plymouth University, UK

EGMOND, Emilia Van Eindhoven University of Technology,

Netherlands

SARIYILDIZ, Sevil Yaşar University/

Delft University of Technology, Netherlands

STACHURA, Ewa University of Economics in Katowice, Poland

THEODOROPOULOS, Christine California State Polytechnic University, USA

TUCCI, Grazia University of Florence, Italy

Volume 2, Issue 2,2014 ISSN: 2147-9380 iii

International Journal of Architecture and Planning available online at: www.iconarp.com

Danışma Kurulu / Advisory Board

ALTABAN, Özcan University ASASOĞLU. Ali University Bahçeşehir ASATEKİN GÜL University ASİLİSKENDER, Burak University AYDIN. Elif Özlem Technology BALAMİR, Aydan University BAYCAN, Tüzin University BİNAN, Can Şakir University BERKÖZ, Lale University BULDURUR, **Mesture Aysan** University ÇAĞDAŞ, Gülen University ÇAĞLAR, Nur **Technology** CİRAVOĞLU, Ayşen University ÇELEBİ, Gülser DİNÇER, İclal University ENLİL, Zeynep University ERDEM, Arzu University ERDOĞAN, Nevnihal ESİN TIKANSAK, Tülay Technology GÖKSU, Emel **GÜLERSOY**, Nuran İstanbul Technical Zeren University

Middle East Technical Karadeniz Technical Abdullah Gül Gebze Institute of Middle East Technical İstanbul Technical Yıldız Technical İstanbul Technical İstanbul Technical İstanbul Technical TOBB University of Economics and Yıldız Technical Gazi University Yıldız Technical Yıldız Technical İstanbul Technical Kocaeli University Gebze Institute of Dokuz Eylül University

KAFESÇİOĞLU, Figen Gül KAPLAN, Hülagü KULOĞLU, Nilgün **KUNTAY**, Orhan KUTLUTAN, A.Rıdvan OCAKÇI, Mehmet ÖKTEN, Ayşenur ÖYMEN GÜR, Şengül PİLEHVARİAN, Nuran Kara SAY ÖZER, Yasemen ŞENLİER, Nihal TOKAY, Z.Hale TURGUT, Hülya TUZTAŞI, Uğur TÜRK, Şevkiye Şence TÜRKOĞLU. Handan **URAK**, Gediz ÜNLÜ, Alper ÜNVER, Rengin YILDIZCI, Ahmet Cengiz

Mimar Sinan Fine Arts University Gazi University Karadeniz Technical University Gazi University Mimar Sinan Fine Arts University İstanbul Technical University Yıldız Technical University **Beykent University** Yıldız Technical University Yıldız Technical University Gebze Institute of **Technology** Mimar Sinan Fine Arts University İstanbul Technical University Cumhuriyet University İstanbul Technical University İstanbul Technical University Gazi University İstanbul Technical University Yıldız Technical University İstanbul Technical University



International Journal of Architecture and Planning available online at: www.iconarp.com

ICONARP INTERNATIONAL JOURNAL OF ARCHITECTURE AND PLANNING

ICONARP as an e-journal considers original articles, research briefs, book reviews and viewpoints in peer-reviewed. ICONARP is an exciting new venture occurred with experiences, theoretical approaches, critical and empirical studies in the field of architecture and planning.

SCOPE and AIM

The journal aims to be a platform for the studies of design, education and application and has a goal to be a bridge in between traditional/modern, east/west, local/global in the disciplines of Architecture / Planning.

Architecture and Planning, as two interconnected fields, are strongly affected by other disciplines such as fine art, urban design, philosophy, engineering, geography, economics, politics, sociology, history, psychology, geology, information technology, ecology, law, security and management. However, there are no academic journals which specifically focus on the connections of architecture and planning with other social fields. **ICONARP** aims to fill that gap. Our scope is to provide a suitable space for theoretical, methodological and empirical papers, which use global and local perspectives together, in architectural and urban studies.

V



International Journal of Architecture and Planning available online at: www.iconarp.com

CONTRUBITORS TO THIS ISSUE

Carlo Biagini

Prof. Dr., University of Florence, Dept. of Architecture, Florence, Italy E-mail: carlo.biagini@unifi.it

Vincenzo Donato

International Ph.D. at University of Florence and Technical University of Braunschweig, Italy E-mail:vincenzo.donato@dicea.unifi.it

Davide Pellis

International Ph.D. Student at University of Florence and Technical University of Braunschweig, Italy. E-mail: davidepellis@gmail.com

Guiseppe DE LUCA

Assoc. Prof. Architecture Department, Urban and Regional Planning Section, University of Florence E-mail: giuseppe.deluca@unifi.it

Valeria LINGUA

Researcher in Urban Planning Department in University of Florence, Italy E-mail: valeria.lingua@unifi.it

Marco SALA

Prof. University of Florence, Department of Architecture, Firenze, Italy. E-mail: marco.sala@unifi.it

Martin BECHTHOLD

Prof.Dr. ,Harvard University E-mail: mbechthold@gsd.harvard.edu

Mümine GERÇEK

İzmir Institute of Technology
Department of Architecture İzmir,
E-mail: grckmumine@gmail.com

Zeynep DURMUŞ ARSAN

Dr. İzmir Institute of Technology Department of Architectureİzmir, E-mail: <u>zeynepdurmus@iyte.edu.tr</u>



International Journal of Architecture and Planning available online at: www.iconarp.com

Grazia TUCCI

Assoc. Prof. Dr. GeCO Lab, Department of Civil and Environmental Engineering, University of Florence, ITALY.

E-mail: grazia.tucci@unifi.it

Alessandro CONTI

GeCO Lab, Department of Civil and Environmental Engineering, University of

Florence, ITALY.

E-mail: arch.a.conti@gmail.com

Lidia FIORINI

GeCO Lab, Department of Civil and Environmental Engineering, University of

Florence, ITALY.

E-mail: lidia.fiorini@tiscali.it

Stefano Francesco Musso

Full professor of Architectural Restoration – Director of the Specialization School in Architectural and Landscape Heritage /Department DSA of Sciences for Architecture – Polytechnic School – University of Genoa (Italy)

E-mail: etienne@arch.unige.it

Vİ

EDITORIAL

ICONARP began its broadcast life as peer-reviewed faculty journal in the field of international architecture and planning and now it is the forth issue.

ICONARP is continuing its growing process with this new issue. This forth issue is one of the result products of ICONARCH-II (International Congress on Architecture) which held at Selcuk University on 20-22 November 2014. The main theme of congress is about "Innovative Approaches in Architecture and Planning" and aimed to be a connecting point for researchers deal with innovation from all over the world.

The fifth issue will be published in June and we wait for your contributions with your scientific studies until April 15th 2013.



International Journal of Architecture and Planning available online at: www.iconarp.com

CONTENT/İÇİNDEKİLER

VOLUME 2-ISSUE 2

vii

International Journal of Architecture and Planning

	Page/Sayta
Editorial/Yayın Kurulundan	I-VII
Carlo BIAGINI, Vincenzo DONATO, Davide PELLIS	1-13
Preliminary Design Through Graphs:	
A Tool for Automatic Layout Distribution	
Giuseppe De Luca, Valeria Lingua	14-33
Evolution In Regional Planning: The Italian Path	
Marco SALA	34-49
Architecture: The Art of Integration	
Martin Bechthold	50-58
The Quest for Innovation: Methods and Mindsets	
Mümine Gerçek, Zeynep Durmuş Arsan	59-72
Impact of Thermal Mass Oriented Measures Over CO ₂ Emissions of a	
Thermally Insulated Low-rise Apartment Building in Izmir, Turkey	
Grazia TUCCI, Alessandro CONTI , Lidia FIORINI	73-83
The Mark on of the "Datte Delle Cabine" by Circulale and	
The Mock-up of the "Ratto Delle Sabine" by Giambologna:	
Making and Utilization of a 3D Model	04.402
Stefano Francesco Musso	84-103
'Inhaniting' our Cultural Haritage, Changes of navadian of	
'Inheriting' our Cultural Heritage: Changes of paradigm of conservation	
COUSELACION	