

2013

Architecture Abstracts

Third Annual International
Conference on Architecture
10-13 June 2013, Athens, Greece

Edited by Gregory T. Papanikos

THE ATHENS INSTITUTE FOR EDUCATION AND RESEARCH



First Published in Athens, Greece by the Athens Institute for Education and Research.

ISBN: 978-618-5065-00-3

All rights reserved. No part of this publication may be reproduced, stored, retrieved system, or transmitted, in any form or by any means, without the written permission of the publisher, nor be otherwise circulated in any form of binding or cover.

8 Valaoritou Street
Kolonaki, 10671 Athens, Greece
www.atiner.gr

©Copyright 2012 by the Athens Institute for Education and Research. The individual essays remain the intellectual properties of the contributors.

TABLE OF CONTENTS

(In Alphabetical Order by Author's Family name)

	Preface	13
	Conference Program	14
1	Development of Wood-Crete Using Wood Waste and Low Cost Inorganic Binders <i>Eboziegbe Aigbomian & Mizi Fan</i>	28
2	The Semiology of Landmarks in Urban Space <i>Havva Alkan Bala</i>	29
3	Development of a Shading Device Efficiency Verification Method using Software Simulations <i>Emilio Antoniol</i>	30
4	Degradation of Historical Turkish Bath Structure Relation With Historical Preventive Construction Techniques Against Seismic Forces <i>Kerimcan Apak</i>	31
5	Analysis of Traditional Konya House Indoor Components According to Anthropometric Data; Samples of Sedirs <i>Yavuz Arat</i>	32
6	Sensory Architecture in Silent Vision; An Investigation through Designing Public Architectural Spaces for Visually Impaired Users <i>Zeynab Asgari, Michael P. Grant & Claire Anne Hyland</i>	33
7	Environmental Airport Design: Towards a New Design and Urban Approach <i>Athanasios Athanasopoulos</i>	34
8	Architecture of Arid Climates: New and Traditional Models of Bioclimatic Construction <i>Taymoore Balbaa</i>	37
9	Computational/Material Simulations <i>Michael Leighton Beaman</i>	38
10	Architecture as Inauguration of 'Das da sein' <i>Marc Belderbos</i>	39
11	Proposal for a New Architectural Theory: How to Establish a Renewed Balance between Man and Nature <i>Nadia Bertolino</i>	40
12	Post Modern Traces in Turkish Architecture In 1900s <i>Asu Besgen & Solen Koseoglu</i>	41
13	Historic Cities Conservation Throughout Cultural Heritage Laws: Andalusian Historic Areas <i>Del Espino Hidalgo Blanca, M Teresa Perez Cano & Ramila Arjona Rocio</i>	42
14	Revolutionary Objects: Pure Forms and Disorder in the Work of Ivan Leonidov <i>Francois Blanciak</i>	43
15	The Belly of Architecture <i>Renato Bocchi</i>	44

Del Espino Hidalgo Blanca
Researcher, University of Seville, Spain
M Teresa Perez Cano
Professor, University of Seville, Spain
Ranila Arjona Rocio
Researcher, University of Seville, Spain

Historic Cities Conservation Throughout Cultural Heritage Laws: Andalusian Historic Areas

Andalusia, the most southerly region in Spain, is distinguished by a rich cultural heritage, which is particularly well defined by the quantity and variety of protected Historic Areas containing. From 1933 to now, four different laws (national firstly, regional lately) and a large number of ordinances, decrees and regulations have determined the definition and conditions under which historical settlements have been declared.

This paper aims to set up an interdisciplinary perspective on the protection of cultural and historical heritage, focusing on the 133 settlements declared as Historic Areas by the Spanish and Regional laws in Andalusia by a team formed by urban heritage experts, architects and lawyers. In order to reach this purpose, a deep research has been carried out, including the following stages:

- Historic Areas characters depending on the law under they were declared.
- Size, location and elevation of the cities whose Historic Areas have been declared.
- Historic Areas perimeter and shape as determined in their declaration documents, including or not buffer zones.
- Values detected and mentioned by the declaration documents of the Historic Areas, observing its variation in time and through the different laws under they were declared.

In conclusion, this research has shown that historical cities protection is closely to the laws which constitute a theoretical and practical framework to the values detected and the features that make an area worthy of the highest level of cultural protection, as well as determine the shape and conditions under they are declared, which certainly will define their future conservation.