# Athens Journal of Architecture



Quarterly Academic Periodical, Volume 8, Issue 1, January 2022 VRL: <u>https://www.athensjournals.gr/aja</u> Email: <u>journals@atiner.gr</u> e-ISSN: 2407-9472 DOI: 10.30958/aja



**Front Pages** 

ANTANAS STANČIUS& PETRAS GRECEVIČIUS Influence of Ancient Mesopotamian Aesthetics of Gardens/Parks and Water Installations on the Development of Landscape Architecture

ANASTASIA NIKOLOGIANNI

How Can Landscape Architecture Influence Systemic Change to Achieve Sustainable Cities and Regions

VESNA ŽEGARAC LESKOVAR & VANJA SKALICKY KLEMENČIČ The Role of Nursing Homes Architectural Design in Mitigating the Risk of COVID-19 Pandemics: The Case of Slovenia

ENKE HAORIBAO, YOSHINORI NATSUME & SHINICHI HAMADA Arrangement Plan of Inner Mongolia Buddhist Temple

# Athens Journal of Architecture

Published by the Athens Institute for Education and Research (ATINER)

## Editors

• Dr. Nicholas N. Patricios, Vice President of Strategic Planning & Analysis, ATINER and Professor & Dean Emeritus, School of Architecture, University of Miami, USA

#### Co-Editors

- Dr. Clara Germana Gonçalves, Head, Architecture Unit, ATINER & Researcher, CITAD (Centro de Investigação em Território, Arquitectura e Design), Lusíada University and Associate Professor, ISMAT (Instituto Superior Manuel Teixeira Gomes), Portugal.
- Dr. Fatih Rifki, Academic Member, ATINER & Professor, Montana State University, USA.
- Dr. Jesus J. Lara, Academic Member, ATINER & Associate Professor, The Ohio State University, USA.
- **Dr. Giulia Pellegri**, Vice Dean & Associate Professor, Architecture-Polytechnic School, University of Genoa, Italy.

Editorial & Reviewers' Board

https://www.athensjournals.gr/aja/eb

Administration of the Journal

1. Vice President of Publications: Dr Zoe Boutsioli

2.General Managing Editor of all ATINER's Publications: Ms. Afrodete Papanikou 3.ICT Managing Editor of all ATINER's Publications: Mr. Kostas Spyropoulos

4.Managing Editor of this Journal: Ms. Olga Gkounta

#### 

ATINER is an Athens-based World Association of Academics and Researchers based in Athens. ATINER is an independent and non-profit Association with a Mission to become a forum where Academics and Researchers from all over the world can meet in Athens, exchange ideas on their research and discuss future developments in their disciplines, as well as engage with professionals from other fields. Athens was chosen because of its long history of academic gatherings, which go back thousands of years to Plato's Academy and Aristotle's Lyceum. Both these historic places are within walking distance from ATINER's downtown offices. Since antiquity, Athens was an open city. In the words of Pericles, Athens"...is open to the world, we never expel a foreigner from learning or seeing". ("Pericles' Funeral Oration", in Thucydides, The History of the Peloponnesian War). It is ATINER's mission to revive the glory of Ancient Athens by inviting the World Academic Community to the city, to learn from each other in an environment of freedom and respect for other people's opinions and beliefs. After all, the free expression of one's opinion formed the basis for the development of democracy, and Athens was its cradle. As it turned out, the Golden Age of Athens was in fact, the Golden Age of the Western Civilization. Education and (Re)searching for the 'truth' are the pillars of any free (democratic) society. This is the reason why Education and Research are the two core words in ATINER's name.

The *Athens Journal of Architecture (AJA)* is an Open Access quarterly double-blind peer reviewed journal and considers papers from all areas of architecture. Many of the papers published in this journal have been presented at the various conferences sponsored by the <u>Architecture Unit</u> of the Athens Institute for Education and Research (ATINER). All papers are subject to ATINER's <u>Publication Ethical Policy and Statement.</u>

The Athens Journal of Architecture ISSN NUMBER: 2407-9472- DOI: 10.30958/aja Volume 8, Issue 1, January 2022 Download the entire issue (<u>PDF</u>)

Front Pages	i-viii
Influence of Ancient Mesopotamian Aesthetics of Gardens/Parks and Water Installations on the Development of Landscape Architecture Antanas Stančius& Petras Grecevičius	9
How Can Landscape Architecture Influence Systemic Change to Achieve Sustainable Cities and Regions Anastasia Nikologianni	35
The Role of Nursing Homes Architectural Design inMitigating the Risk of COVID-19 Pandemics:The Case of SloveniaVesna Žegarac Leskovar & Vanja Skalicky Klemenčič	51

Arrangement Plan of Inner Mongolia Buddhist Temple	67
Enke Haoribao, Yoshinori Natsume & Shinichi Hamada	

# Athens Journal of Architecture Editorial and Reviewers' Board

#### **Editor**

• **Dr. Nicholas N. Patricios,** Vice President of Strategic Planning & Analysis, ATINER and Professor & Dean Emeritus, School of Architecture, University of Miami, USA.

#### **Co-Editors**

- Dr. Clara Germana Gonçalves, Head, Architecture Unit, ATINER & Researcher, CITAD (Centro de Investigação em Território, Arquitectura e Design), Lusíada University and Associate Professor, ISMAT (Instituto Superior Manuel Teixeira Gomes), Portugal.
- Dr. Fatih Rifki, Academic Member, ATINER & Professor, Montana State University, USA.
- Dr. Jesus J. Lara, Academic Member, ATINER & Associate Professor, The Ohio State University, USA.
- Dr. Giulia Pellegri, Vice Dean & Associate Professor, Architecture-Polytechnic School, University of Genoa, Italy.

#### Editorial Board

- Dr. Arthur Chen, Academic Member, ATINER & Director, Center for World Heritage Studies, School of Architecture, University of Minnesota, USA.
- Dr. Fatih A. Rifki, Professor, Montana State University, USA.
- Dr. Nico Kotze, Professor, University of Johannesburg, South Africa.
- Dr. Eren Erdener, Professor Emeritus, The University of Oklahoma, USA.
- Dr. William Douglas, Professor & Associate Dean, College of Art & Design, Louisiana State University, USA.
- Dr. Angus Shuenn-Ren Liou, Professor & Vice Dean, College of Planning and Design, National Cheng Kung University, Taiwan.
- Dr. Vimolsiddhi Horayangkura, Professor, Faculty of Architecture and Planning, Thammasat University, Thailand.
- Dr. Stefania Mornati, Professor, Department of Civil Engineering and Computer Science Engineering, University of Rome, Italy.
- Mr. Ryadi Adityavarman, Associate Professor, Kansas State University, USA.
- Dr. David A. Badillo, Associate Professor, City University of New York, USA.
- Dr. Wah Sang Wong, Associate Professor, Department of Architecture, The University of Hong Kong, Hong Kong.
- Dr. Milica Muminovic, Assistant Professor, University of Canberra, Australia.
- Dr. Levent Kara, Assistant Professor, School of Architecture and Community Design, University of South Florida, USA.
- Dr. Nik Nikolov, Assistant Professor, Lehigh University, USA.
- Dr. Zeynep Akture, Assistant Professor, Izmir Institute of Technology -Department of Architecture, Turkey.
- Dr. François Blanciak, Lecturer, Faculty of Architecture, Design and Planning, University of Sydney, Australia.
- Dr. Nick McCullen, Lecturer, Department of Architecture and Civil Engineering, University of Bath, UK.
- Dr. Gehan Selim, Lecturer, School of Architecture, Planning and Civil Engineering, Queens' University Belfast, United Kingdom.
- Dr. Anna Hooper, Tutor/Researcher, Melbourne School of Design, University of Melbourne, Australia.
- Dr. Ana Peric, Lecturer & Chair of Spatial Development, Institute for Spatial and Landscape Development, ETH Zurich.
- Dr. Kees Doevendans, Researcher, Department of the Built Environment, Technical University of Eindhoven, The Netherlands.
- Dr. Carlos Alberto Tello, Postdoctoral Fellow, University of Montreal, Canada.
- General Managing Editor of all ATINER's Publications: Ms. Afrodete Papanikou
- ICT Managing Editor of all ATINER's Publications: Mr. Kostas Spyropoulos
- Managing Editor of this Journal: Ms. Olga Gkounta (bio)

Reviewers' Board Click Here

# President's Message

All ATINER's publications including its e-journals are open access without any costs (submission, processing, publishing, open access paid by authors, open access paid by readers etc.) and is independent of presentations at any of the many small events (conferences, symposiums, forums, colloquiums, courses, roundtable discussions) organized by ATINER throughout the year and entail significant costs of participating. The intellectual property rights of the submitting papers remain with the author. Before you submit, please make sure your paper meets the basic academic standards, which includes proper English. Some articles will be selected from the numerous papers that have been presented at the various annual international academic conferences organized by the different divisions and units of the Athens Institute for Education and Research. The plethora of papers presented every year will enable the editorial board of each journal to select the best, and in so doing produce a top-quality academic journal. In addition to papers presented, ATINER will encourage the independent submission of papers to be evaluated for publication.

The current issue is the first of the eighth volume of the *Athens Journal of Architecture* (AJA), **published by the** <u>Architecture Unit</u> of ATINER

Gregory T. Papanikos President ATINER



# Athens Institute for Education and Research

A World Association of Academics and Researchers

# 12<sup>th</sup> Annual International Conference on Architecture 4-7 July 2022, Athens, Greece

The <u>Architecture Unit</u> of ATINER, will hold its **12**<sup>th</sup> **Annual International Conference on Architecture, 4-7 July 2022, Athens, Greece** sponsored by the <u>Athens Journal of Architecture</u>. The aim of the conference is to bring together academics and researchers from all areas of Architecture. You may participate as stream organizer, presenter of one paper, chair a session or observer. Please submit a proposal using the form available (https://www.atiner.gr/2022/FORM-ARC.doc).

#### Academic Member Responsible for the Conference

- Dr. Nicholas N. Patricios, Vice President of Strategic Planning & Analysis, ATINER and Professor & Dean Emeritus, School of Architecture, University of Miami, USA.
- Dr. Clara Germana Gonçalves, Head, Architecture Unit, ATINER & Researcher, CITAD (Centro de Investigação em Território, Arquitectura e Design), Lusíada University and Associate Professor, ISMAT (Instituto Superior Manuel Teixeira Gomes), Portugal.
- Dr. Fatih Rifki, Academic Member, ATINER & Professor, Montana State University, USA.
- Dr Anna Hooper, Academic Member, ATINER, Coordinator, Lecturer, Lead Tutor, Ormond College and Melbourne School of Design, The University of Melbourne, Australia.
- Dr. Maria João Dos Reis Moreira Soares, Academic Member, ATINER & Associate Professor, Lusiada University Lisbon, and Research Fellow, CITAD Research Centre on Territory, Architecture & Design, Portugal.

### **Important Dates**

- Abstract Submission: **14 March 2022**
- Acceptance of Abstract: 4 Weeks after Submission
- Submission of Paper: 6 June 2022

#### Social and Educational Program

The Social Program Emphasizes the Educational Aspect of the Academic Meetings of Atiner.

- Greek Night Entertainment (This is the official dinner of the conference)
- Athens Sightseeing: Old and New-An Educational Urban Walk
- Social Dinner
- Mycenae Visit
- Exploration of the Aegean Islands
- Delphi Visit
- Ancient Corinth and Cape Sounion

More information can be found here: <u>https://www.atiner.gr/social-program</u>

#### **Conference Fees**

Conference fees vary from 400€ to 2000€ Details can be found at: <u>https://www.atiner.gr/fees</u>



# 12<sup>th</sup> Annual International Conference on Urban Studies & Planning, 30-31 May & 1-2 June 2022, Athens, Greece

The <u>Architecture Unit</u> in collaboration with the <u>Social Sciences Division</u> of the ATINER will organize its **12**<sup>th</sup> **Annual International Conference on Urban Studies & Planning, 30-31 May & 1-2 June 2022, Athens, Greece** sponsored by the <u>Athens Journal of Architecture</u>. The aim of the conference is to bring together academics and researchers from all areas of social sciences such as urban sociology, urban geography, urban design, urban planning, architecture, etc. You may participate as stream leader, presenter of one paper, chair of a session or observer. Please submit a proposal using the form available (<u>https://www.atiner.gr/2022/FORM-PLA.doc</u>).

### **Important Dates**

- Abstract Submission: 7 February 2022
- Acceptance of Abstract: 4 Weeks after Submission
- Submission of Paper: 2 May 20221

### Academic Members Responsible for the Conference

- Dr. Nicholas N. Patricios, Vice President of Strategic Planning & Analysis, ATINER and Professor & Dean Emeritus, School of Architecture, University of Miami, USA.
- Dr. Virginia Sisiopiku, Head, Transportation Engineering Unit, ATINER, & Associate Professor, The University of Alabama at Birmingham, USA.
- Dr. Jesus J. Lara, Academic Member, ATINER & Associate Professor, The Ohio State University, USA.
- Dr. Giulia Pellegri, Associate Professor, Architecture-Polytechnic School, University of Genoa, Italy.

## Social and Educational Program

The Social Program Emphasizes the Educational Aspect of the Academic Meetings of Atiner.

- Greek Night Entertainment (This is the official dinner of the conference)
- Athens Sightseeing: Old and New-An Educational Urban Walk
- Social Dinner
- Mycenae Visit
- Exploration of the Aegean Islands
- Delphi Visit
- Ancient Corinth and Cape Sounion

More information can be found here: <u>https://www.atiner.gr/social-program</u>

## **Conference Fees**

Conference fees vary from 400€ to 2000€ Details can be found at: <u>https://www.atiner.gr/fees</u>