



**Athens Institute for Education and Research**  
*A World Association of Academics & Researchers*



**4<sup>th</sup> Annual International Conference on Geography, 4-7 June 2018, Athens, Greece**  
**Organized by the [Natural & Formal Sciences Division](#)**  
**Sponsored by the [Athens Journal of Sciences](#) and the [Athens Journal of Social Sciences](#)**

**Conference Venue:** Titania Hotel, 52 Panepistimiou Avenue, Athens, Greece (close to metro station *Panepistimio*)

**Monday 4 June 2018**

**08:00-08:45 Registration and Refreshments**

**08:45-09:30 (Room A - Mezzanine Floor): Welcome and Opening Address**

**Gregory T. Papanikos, President, ATINER.**

**Nicholas Pappas, Vice President of Academic Membership, ATINER & Professor of History, Sam Houston University, USA.**

**09:30-11:00 Session I (Room C - 10<sup>th</sup> Floor): Urban Methodology & Other Issues**

**Chair:** Jesus J. Lara, Associate Professor, The Ohio State University, USA.

1. Teodoro Georgiadis, Senior Scientist, IBIMET-CNR, Italy. The Role of Urban Modelling in Preserving Citizen's Health.
2. Benjamin Kaiser, Lecturer, University of Greifswald, Germany. Some Problems of Interpreting Spatial Analysis Results.
3. Norbert Csizmadia, Lecturer, Corvinus University of Budapest, Hungary. Geofusion - Mapping of the 21<sup>st</sup> Century.
4. Fulya Selcuk, Research Assistant, Dokuz Eylül University, Turkey & Deniz Guner, Professor, Dokuz Eylül University, Turkey. Decoding the Power Relations in the Production of Space by Mapping Controversies Method: İzmir "Basmane World Trade Center" Case.

**11:00-12:30 Session II (Room E - 10<sup>th</sup> Floor): Geographic Information Systems****Chair:** Alice Merab Kagoda, Lecturer, Makerere University, Uganda.

1. Sungsoon Hwang, Associate Professor, DePaul University, USA, Amanda Lin, Assistant Professor, Rosalind Franklin University of Medicine and Science, USA, Ryan Crews, Assistant Professor, Rosalind Franklin University of Medicine and Science, USA, Kristin Schneider, Associate Professor, Rosalind Franklin University of Medicine and Science, USA, Noah Rosenblatt, Assistant Professor, Rosalind Franklin University of Medicine and Science, USA, Sai Yalla, Assistant Professor, Rosalind Franklin University of Medicine and Science, USA & Elizabeth Moxley, Assistant Professor, DePaul University, USA. Assessing Community Participation among People with Limited Mobility using GPS and Accelerometer.
2. Isabelle Seguy, Researcher, INED - Institut National d'Etudes Démographiques, France. A Geographic Information System for the Study of Past Epidemics: The 1705 Epidemic in Martigues (Bouches-du-Rhône, France).
3. Elham Karimi, Noise Expert, Air Quality Control Company, Iran, Peyman Hamian, GIS and Geomarketing Advisory Services, Iran, Maryam Naderi, Head of Air and Noise, Air Quality Control Company, Iran & Vahid Hosseini, Associate Professor, Sharif University of Technology, Iran. Detection of Noise Sensitive Areas at Risk of Exceeded Sound Levels in Tehran Metropolitan City (A GIS-based Approach).

**12:30-14:00 Session III (Room C - 10<sup>th</sup> Floor): Urban Planning Processes****Chair:** Teodoro Georgiadis, Senior Scientist, IBIMET-CNR, Italy.

1. Ali Cheshmehzangi, Head of Department of Architecture and Built Environment / Director of CSET, The University of Nottingham Ningbo China, China. Eco Fusion: Augmented Eco Innovation for Urban Development.
2. Raed Al Tal, Assistant Professor, German Jordanian University, Jordan & Ibaa Al-Zubaydi, Architect, German Jordanian University, Jordan. Trans-placed Communities: The Impact of the Iraqi Community on the Spatial and Socio-cultural Urban Structure of Amman.
3. Nattapon Sang-arun, Instructor, Thammasat University, Thailand. Two-Stage Inequality Decomposition Analysis of Thailand's Spatial Economy from 1995 to 2015.
4. Tolga Levent, Academic Staff, Mersin University, Turkey. Urban Regeneration or Urban Degeneration? A Concealed Story of Urban Change in Turkish Metropolitan Cities.
5. Hsuan Lo, Graduate Student, The University of Manchester, UK and National Taipei University, Taiwan. The Influence of Urban Renewal on Housing Vacancy Rates: The Case of Urban Renewal Implementations in Taipei City.

**14:00-15:00 Lunch**

<b>15:00-16:30 Session IV (Room C - 10<sup>th</sup> Floor): Urban Components &amp; Infrastructure</b>	<b>15:00-16:30 Session V (Room D - 10<sup>th</sup> Floor): Science Teaching &amp; Educational Issues</b>
<b>Chair:</b> Peter Yannopoulos, Vice President of Global Communications, ATINER, Co-editor, Athens Journal of Business and Economics & Professor, Brock University, Canada.	<b>Chair:</b> Mike Mavromihales, Senior Lecturer and Course Leader, University of Huddersfield, UK.
<ol style="list-style-type: none"> <li>1. Carolyn Aguilar-Dubose, Professor, Universidad Iberoamericana, Mexico. The Urban Park: Nature and Democracy as Component of a Planning Strategy.</li> <li>2. <u>Ratna Ghosh</u>, Assistant Professor, Amity University, India &amp; Uttam Kumar Roy, Assistant Professor, IIT Roorkee, India. Evolving Strategies for Housing Development at a Sub-Regional Level.</li> <li>3. Dominic Hofmann, Research Assistant and PhD Student, Frankfurt University of Applied Sciences, Germany. Infrastructure – Design - Emotions.</li> <li>4. Pruethipong Xinghatiraj, Civil Engineer, Ministry of Transports, Thailand. The Formulation of Peak Runoff Rate Equation for Road Networks on Frequently Flooded Areas in Central Thailand.</li> <li>5. Chin-Wei Chen, Graduate Student, National Science and Technology Center for Disaster Reduction, Taiwan and The University of Manchester, UK. How to Assess Footbridges by Walkability? A Case Study in Taiwan.</li> </ol>	<ol style="list-style-type: none"> <li>1. <u>Eddie Smigiel</u>, Associate Professor, INSA Strasbourg, France &amp; Sandrine Simon, Professor, Université Euro-Méditerranéenne de Fès, Morocco. An Exploration of the Confusion between Concept and Formalization amongst the Community of Teachers in Physics.</li> <li>2. Alice Merab Kagoda, Lecturer, Makerere University, Uganda. Teachers' Experiences and Practices of Teaching Practical Geography in Secondary Schools of Uganda.</li> <li>3. <u>Elif Bengu</u>, Coordinator for Center for the Enhancement of Learning and Teaching, Abdullah Gül University, Turkey &amp; Faruk Kececi, Head of Mechanical Engineering Department, Abdullah Gül University, Turkey. Maker Spaces and Their Effect on Engineering Education.</li> <li>4. <u>Laura Santos-Maldonado</u>, Instructor, Universidad de los Andes, Colombia &amp; Diana Carolina Lenis, Senior Pedagogical Adviser, Universidad de los Andes, Colombia. Flipped-Learning and Case Strategy for Developing Interpretative Skills in the Context of an Environmental Thermochemistry Course.</li> </ol>

<b>17:30-19:30 Session VI ATINER's 2018 Series of Academic Dialogues: A Symposium Discussion on Recent International Research in Urban Studies and Planning</b> Venue: Harokopio University (New Building-Ceremony Hall), Eleftheriou Venizelou 70, Kallithea.	
<b>Chair:</b> Virginia Sisiopiku, Head, Transportation Engineering Unit, ATINER, & Associate Professor, The University of Alabama at Birmingham, USA.	
<ol style="list-style-type: none"> <li>1. Ali Cheshmehzangi, Head of Department of Architecture and Built Environment, Director of CSET (Center for Sustainable Energy Technologies), Director of UIL (Urban Innovation Lab), &amp; Associate Professor of Architecture and Urban Design, Department of Architecture and Built Environment, The University of Nottingham Ningbo China, China. Smart Cities vs. Urbanism.</li> <li>2. Carolyn Aguilar-Dubose, Professor, University Iberoamericana, Mexico. From Universe to Pluriverse in Sustainability.</li> <li>3. Antonio Zumelzu, Associate Professor, Austral University of Chile, Chile. Sustainability in the Global South: The Role of Urban Morphology.</li> <li>4. Giulia Pellegrini, Associate Professor, Architecture-Polytechnic School, University of Genoa, Italy. De-Sign Research: Interactions and Results in the International Contributions of the 2018 Design Day in Genoa. Department of Architecture and Design University of Genoa.</li> <li>5. Ratna Ghosh, Assistant Professor, Amity University Noida, India. City of Chandigarh.</li> <li>6. Raed Al Tal, Assistant Professor, German Jordanian University, Jordan. Cities of Continuous Urban Instability - Amman as a Case Study.</li> </ol>	

**21:00-23:00 Greek Night and Dinner**

**Tuesday 5 June 2018**

**07:45-11:00 Session VII: An Educational Urban Walk in Modern and Ancient Athens**

**Chair:** Gregory A. Katsas, Vice President of Academic Affairs, ATINER & Associate Professor, The American College of Greece-Deree College, Greece.

Group Discussion on Ancient and Modern Athens.

Visit to the Most Important Historical and Cultural Monuments of the City (be prepared to walk and talk as in the ancient peripatetic school of Aristotle)

**11:15-13:00 Session VIII (Room C - 10<sup>th</sup> Floor): Urban Structuring, Environment & Special Issues**

**Chair:** Kamran Mirza, Assistant Professor, University of the Punjab, Pakistan.

1. Lucia Martincigh, Professor, University of Roma Tre, Italy, Anna Vincenzoni, Councilor, Town Municipality of Rome, Italy, Marina Di Guida, Postdoctoral Research Fellow, University of Roma Tre, Italy & Giovanni Perrucci, Postdoctoral Research Fellow, University of Roma Tre, Italy. Tools for a Better Liveability in Neighbourhoods: The “Environmental Island” Design Methodology and the Citizen Engagement Process.
2. Lukasz Damurski, Assistant Professor, Wroclaw University of Science and Technology, Poland, Jacek Pluta, Assistant Professor, University of Wroclaw, Poland, Jerzy Ladysz, Assistant Professor, Wroclaw University of Science and Technology, Poland, Wawrzyniec Zipser, Assistant Professor, Wroclaw University of Science and Technology, Poland & Magdalena Mayer-Wydra, PhD Candidate, University of Wroclaw, Poland. Potential for Conversion of Offline Services into Online ones in Urban and Suburban Neighbourhoods. Examples of Wrocław and Siechnice in Poland.
3. Andrea Ferraz Young, Researcher, CEMADEN Brazilian National Center of Monitoring and Early Warning of Natural Disasters, Ministry of Science, Technology, Innovation and Communication, Brazil. Adaptation Actions for Integrated Climate Risk Management into Urban Planning: An Integrated Approach in São Paulo Metropolitan Area (Brazil).
4. Cristiana-Maria Pioarca-Ciocanea, Senior Researcher, University of Bucharest, Center for Environmental Research and Impact Studies, Romania. Monitoring Wildlife in Romania – Empirical Evaluation of Argos Location Errors in Romania.
5. Ratan Kar, Scientist, Birbal Sahni Institute of Palaeosciences, India & Ruchika Bajpai, Research Scholar, Birbal Sahni Institute of Palaeosciences, India. Climatic and Vegetational Changes during the Last 11,500 Years from Glacial Sites in Lahaul Valley, Western Himalaya, India.
6. Mark John Burke, Researcher, Cambridge University, UK. Home Ownership Participation – A Cross Sectional Analysis of Major Cities.

**13:00-14:00 Lunch**

**14:00-15:30 Session IX (Room C - 10<sup>th</sup> Floor): Urban Place-Making & Form and Special Topics**

**Chair:** Lucia Martincigh, Professor, University of Roma Tre, Italy.

1. Jesus J. Lara, Associate Professor, The Ohio State University, USA. Latino Placemaking: Cultural Resiliency and Strategies for Re-urbanization.
2. Antonio Zumelzu, Associate Professor, Universidad Austral de Chile, Chile. Nodality as a Dimension of Sustainable Urban Form: An Evaluation to Five Neighbourhoods in Southern Chile.
3. Austin D'Souza, Student, Victoria University of Wellington, New Zealand, Jacqueline McIntosh, Senior Lecturer, Victoria University of Wellington, New Zealand & Bruno Marques, Lecturer, Victoria University of Wellington, New Zealand. The Togetherness of Strangers: The Role of Ethnicity in 'Place-Making' the Therapeutic Landscape.
4. Abraham Paulsen, Academic and Researcher Geography Institute, Pontificia Universidad Católica de Chile, Chile. Pentecostalism in Anti-Ghettos in Santiago Chile's Metropolitan Area: Bajos de Mena, a Case Study Designed to Generate a Theory of Religiosity in Urban Spaces Classified as Vulnerable.

**15:30-17:00 Session X (Room C - 10<sup>th</sup> Floor): Drawing & Representation: Environment-Landscape-City**

**Chair:** Patrizia Falzone, Professor, University of Genoa, Italy.

1. Michela Scaglione, Adjust Professor, Università degli Studi di Genova, Italy. Basic Methodology for the Knowledge of a Territory through the GIS: Analysis, Surveys and Representations.
2. Ruggero Torti, Research Grant Holder, Università degli Studi di Genova, Italy. *Signum* and Visual Identity.
3. Francesca Salvetti, Professor, University of Genoa, Italy. Quality Standards for the Restoration of Color Values in Urban Areas: Color Projects.

**20:00- 21:30 Dinner**

**Wednesday 6 June 2018  
Mycenae and Island of Poros Visit  
Educational Island Tour**

**Thursday 7 June 2018  
Delphi Visit**

**Friday 8 June 2018  
Ancient Corinth and Cape Sounion**

All ATINER's conferences are small events which serve the mission of the association (<https://www.atiner.gr/mission>) under the guidance of its Academic Committee (<https://www.atiner.gr/academic-committee>) which sets the policies (<http://www.atiner.gr/acceptance>). In addition, each conference has its own academic committee. Members of the committee include all those who have evaluated the abstract-paper submissions and have chaired the sessions of the conference. The members of the academic committee of 4<sup>th</sup> Annual International Conference on Geography, 4-7 June 2018, Athens, Greece, were the following:

1. Gregory T. Papanikos, President, ATINER.
2. Nicholas Pappas, Vice President of Academic Membership, ATINER & Professor of History, Sam Houston University, USA.
3. Keshav Bhattarai, Academic Member, ATINER & Professor and Geography Program Coordinator, University of Central Missouri, USA.
4. Jorge Rocha, Assistant Professor, University of Lisbon, Portugal.
5. Oana-Ramona Ilovan, Associate Professor, Babeş-Bolyai University Cluj-Napoca, Romania.
6. Peter Yannopoulos, Vice President of Global Communications, ATINER, Co-editor, Athens Journal of Business and Economics & Professor, Brock University, Canada.
7. Virginia Sisiopiku, Head, Transportation Engineering Unit, ATINER, & Associate Professor, The University of Alabama at Birmingham, USA.
8. Jesus J. Lara, Associate Professor, The Ohio State University, USA.
9. Patrizia Falzone, Professor, University of Genoa, Italy.
10. Lucia Martincigh, Professor, University of Roma Tre, Italy.
11. Alice Merab Kagoda, Academic Member, ATINER & Lecturer, Makerere University, Uganda.
12. Mike Mavromihales, Senior Lecturer and Course Leader, University of Huddersfield, UK.
13. Teodoro Georgiadis, Academic Member, ATINER & Senior Scientist, IBIMET-CNR, Italy.

The Organizing Committee of the conference was:

1. Fani Balaska, Research Assistant, ATINER.
2. Olga Gkounta, Researcher, ATINER.
3. Hannah Howard, Research Assistant, ATINER.
4. Eirini Lentzou, Administrative Assistant, ATINER.
5. Konstantinos Manolidis, Administrator, ATINER.
6. Vassilis Skianis, Research Associate, ATINER.
7. Kostas Spyropoulos, Administrator, ATINER.