

## **Dr Maro Sinou**

Lecturer, Technological Educational Institute of Athens, School of Interior Architecture, Decoration and Design

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### **Education**

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- 2001- 2004     PhD in Architecture, Department of Architecture, University of Cambridge, UK  
Thesis title: Thermal Diversity of Semi-Enclosed Urban Spaces
- 2000-2001     MPhil in Environmental Design in Architecture, Department of Architecture, University of Cambridge, UK, Dissertation title: Environmental Performance of an Island Settlement, Siphnos Greece: A Study on Environmental and Spatial Diversity
- 1996-2000     Diploma in Architecture in the Aristotle University of Thessaloniki, Greece Diploma project title: Music Centre with two auditoria and other music facilities in Kifisia, Athens, Grade: 9,0 (excellent)
- 1991-1995     Degree in Interior Design in T.E.I. of Athens, Technical Educational Institution, School of Design, Athens, Greece, Grade: 8,0 (very good)
- 1978-1990     Secondary education at Athens College, Athens, Greece

### **Research and Teaching Experience**

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- 2003-2005     Teaching “Environmental Design”, School of Architecture, University of Cambridge
- 2003             Researcher in the European Program (CORDIS RTD Projects) RUROS «Rediscovering the Urban Realm and Open Spaces», <http://alpha.cres.gr/ruros/>, School of Architecture, University of Cambridge
- 2004-2005     Co-Teaching in the course “Environmental Design of Cities” School of Architecture, University of Thessaly.
- 2004-2005     Seminar teaching with title “Environmental design of interior spaces”, TEI of Athens, Department of Interior Architecture, Decoration and Design, EPEAEK Program

- 2005-2006 Researcher in Panteion University on issues of Environmental Design in the European Program Life SB-MED, which focuses on the sustainable building in the Mediterranean.
- 2005-2006 External examiner in Dissertations of the postgraduate program MPhil in Environmental Design in Architecture, School of Architecture, University of Cambridge.
- 2005-2011 Adjunct Lecturer in TEI of Athens, Technological Educational Institute of Athens, School of Interior Architecture, Decoration and Design
- 2010-2011 Lecturer in the course “Bioclimatic Constructions”, TEI of Piraeus, School of Engineering, Athens
- 2009-today Researcher in collaboration to the ESPON Contact Point, Panteion University in the Programs ESPON INTERSTRAT and ESPON Train
- 2012- today Lecturer, Technological Educational Institute of Athens, School of Interior Architecture, Decoration and Design

### **Prises – Research activities**

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- 2001-2004 Scholarship from the National Scholarship Foundation of Greece as well as from the Leventis Foundation for the postgraduate studies, both MPhil and PhD in the University of Cambridge.
- 2005-today Member of the Board of SDMed and Publication Manager of the International Association SDMed
- 2005-today Member of the editorial board of the Journal “Architects”, Athens Greece.
- 2009-today Collaborator of Panteion University with regard to the National ESPON Contact Point.
- 2009-today Responsible of research proposals (Thalis, ESPON, Latsis Foundation etc.)

### **Academic Presentations-Conferences**

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- November 2000 Participation on CPD seminar
- November 2000 Participation on day seminar in the BP institute in Cambridge on Natural

	Ventilation
November 2001	Martin Centre Lecture Series, University of Cambridge, UK, presentation of the first year PhD results
December 2001	CMI, Cambridge Massachusetts Institute, video conference between the two schools of Architecture, MIT and Cambridge UK, presentation of PhD results
April 2002	1 <sup>st</sup> USO-Built conference in Darmstadt, Germany, paper presentation.
July 2002	Participation in PLEA 2002 International Conference in Toulouse France, (Passive and Low Energy Architecture), Design with the Environment.
September 2002	Paper presentation, The fifth Symposium of the International Urban Planning and Environmental Association, Creating Sustainable Urban Environments, Oxford UK .
October 2002	Presentation on CPD (Continuing Professional Development) RIBA, on Environmental Urban Design .
December 2002	Presentation on an Mphil in Environmental Design seminar on Heat Transfer, University of Cambridge, Department of Architecture.
April 2003	Presentation in Good City graduate seminar, University of Cambridge, Department of Architecture
October 2003	Paper presentation in the "Sustainable Planning and Development" Conference, organized by the Wessex Institute of Technology.
November 2003	Paper presentation in the PLEA 2003 (Passive and Low Energy in Architecture) International Conference in Santiago Chile.
September 2004	Paper presentation in PLEA 2004 (Passive and Low Energy in Architecture) International Conference in Eindhoven, The Netherlands.
June 2005	Paper presentation in SB04MED INTERNATIONAL EVENT, "Sustainable Construction: an action for sustainable development in the Mediterranean", Athens.
2006	Invited Speaker in the seminar series of the University of

Cyprus, Faculty of Engineering, Department of Civil and Environmental Engineering.

- 2006 Paper presentation, Transparency and energy performance of double-skin façades in the International Conference «Transparency in Architecture», University of Thessaloniki.
- 2006 Paper presentation in the International Symposium “Energy Performance and Environmental Quality of Buildings” in the island of Milos, Greece.
- 2008 Paper presentation in the International Conference “SB08MED The Mediterranean city in the climate change” Technopolis, Athens.
- 2010 Lecture on Basic Principles of Bioclimatic Design , in the Seminar organised by the TEI of Piraeus, School of Construction, Athens.
- 2011 Paper presentation in the conference ARENEP, Megaron Mousikis, Athens
- 2013 Paper presentation “Parameters contributing to the design of a successful urban pocket park”, in the International Conference PLEA 2013 (Passive and Low Energy in Architecture), Munich.

### **Publications**

- September 2003 M.Sinou and K. Steemers, 2003, Urban Space – Thermal Analysis of Case Studies, in Proceedings of International Conference of Sustainable Planning and Development, Wessex Institute of Technology, Skiathos, Greece, 921-930.
- October 2003 K. Steemers, M. Ramos and M. Sinou, 2003, Urban Thermal Diversity, Journal of Chongqing University, 11-18.
- November 2003 M. Sinou and K. Steemers, 2003, Environmental diversity in urban spaces, in Proceedings of PLEA 2003, Santiago Chile.
- September 2004 M. Sinou and K. Steemers, 2004, Semi-Enclosed Spaces as Climate Moderators, in Proceedings of PLEA 2004, Eindhoven, The Netherlands,

- September 2004 K. Steemers, M. Ramos and M. Sinou, 2004, Thermal Diversity in Urban Spaces, in *Environmental Diversity in Architecture*, ed. by K. Steemers and M.A. Steane, Spon Press, Taylor & Francis Group.
- December 2004 M. Sinou and K. Steemers, 2004, Intermediate space and environmental diversity, *Urban Design International*, Palgrave Macmillan Ltd., (9), 61-71.
- December 2004 K. Steemers, M. Ramos and M. Sinou, 2004, Urban Morphology, in *Designing Open Spaces in the Urban Environment: a Bioclimatic Approach*, ed. by Centre for Renewable Energy Sources, Athens.
- November 2005 M. Sinou, 2005, Cycladic House: An Environmental Shelter, in *Proceedings of Athens SB04MED International Event*, Athens
- December 2005 M. Sinou, 2005, Beneficial Variety or Destructive Chaos?, in *The transition of Athens 2005*, FUTURA Publishers, Athens.
- November 2006 Sinou, M., and S. Kyvelou, Present and future of building performance assessment tools, *International Journal of Management of Environmental Quality*, UK, Volume 17, Number 5, 570-586.
- October 2006 M. Sinou, 2006, From the traditional to the Contemporary Cycladic Sustainable House, *International Journal of Management of Environmental Quality*.
- June 2007 Design and thermal diversity of semi-enclosed spaces, Melrose Publishing, UK.
- October 2007 Hetzel, J., Kyvelou, S., Sinou, M. and K. Iwamura, L'application du développement durable au cadre bâti dans l'espace méditerranéen : La démarche « SD-MED », Pulim, Presses Universitaire de Limoges.
- January 2007 Sinou, M., Architecture and Environment: parallel or opposite universe?, *Architects Journal*, Issue 61, pp 66-68.
- October 2007 Sinou, M., Ecological materials in the design of Interior Spaces, *Architects Journal*, Issue 65, pp. 57-58.
- September 2008 Bioclimatic design: an introduction to environmental design of interior spaces, Ennoia Publications, Athens.

- October 2010 Sinou, M., Environmental design in domestic ancient Greek architecture, International Journal of Environment and Sustainable Environment, Interscience Enterprises Ltd. Geneva, Switzerland.
- September 2012 Kyvelou S., Sinou M., Baer I. and T. Papadopoulos, [Developing a South-European Eco-Quarter Design and Assessment Tool Based on the Concept of Territorial Capital](#), στο Sustainable Development - Authoritative and Leading Edge Content for Environmental Management, INTECH Publishing.

### **Publications in Conference Proceedings**

- Sinou, M. and K. Steemers, 2003, Urban space – thermal analysis of case studies, in Proceedings of International Conference of Sustainable Planning and Development, Wessex Institute of Technology, Skiathos, Greece, 921-930.
- Sinou, M. and K. Steemers, 2003, Environmental diversity in urban spaces, in Proceedings of PLEA, Santiago, Chile
- Sinou, M. and K. Steemers, 2004, Semi-enclosed spaces as climate moderators, in Proceedings of PLEA 2004, Eindhoven, Holland, 385-389.
- Sinou, M., Transparency and energy performance of double-skin façades, in Transparency and Architecture, Ziti Publications, Thessaloniki, pp. 75-80.
- Sinou, M. and G. Kenton, 2013, Parameters contributing to the design of a successful urban pocket park, PLEA 2013, Munich

### **Professional Experience**

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Since 2000 she holds a private practice specializing in Architectural and Interior Design Projects emphasizing in Environmental Design.