

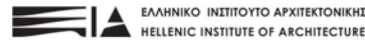
# Design, Architecture & Sustainability

## June 5th 2010, Benaki Museum, Pireos 138

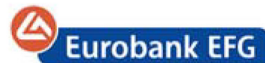
### Organisers



Under the auspices of:



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### Programme

**10.30 – 12.15 Session I**

**Sustainability in architecture and the built environment**

**A. Kotsiopoulos**, Professor, Aristotle University of Thessaloniki  
*"Sustainability and aesthetics in architecture"*

**J. Smales**, Executive Chairman, Beyond Green Group  
*"How shall we live? Sustainable places & sustainable lives"*

**T. Stonor**, Managing Director, Space Syntax London  
*"Urban sustainability – the social, economic & environmental influence of spatial layout"*

**N. Fintikakis**, Director of UIA - "ARES" WP  
*"Synergies of Architecture & Renewable Sources towards Climate Change"*

**12.15 – 12.45 Coffee break**

**12.45 – 14.00 Session II**

**Environmental Design in Architecture**

**M. Santamouris**, Professor, University of Athens  
*"Energy & Environmental Quality of the Built Environment in Greece"*

**S. Zerefos**, Assistant Professor, Hellenic Open University  
*"Design ethics in the age of sustainability"*

**A. Abou-Zaki**, Director, PHA Consult  
*"Environmental & Sustainable Approach to Building design & Sustainable Masterplanning"*

**14.00 – 15.00 Light lunch**

**15.00 – 16.30 Session III**

**greek green greet by droog**

**R. Ramakers**, co-founder of Droog  
*Lecture and presentation of the "greek green greet by droog" exhibition*

**The event is free and open to the public - no RSVP necessary**

For more information please contact [info@mariolopoulosfoundation.gr](mailto:info@mariolopoulosfoundation.gr) or tel: 210 3623861

# Speakers



## Anis Abou-Zaki

Director PHA, B.Arch Dip, MScEDE, MOEA (LBN), LEED AP

Anis heads the Environmental Design and Analysis Team at PHA Consult and is a specialist in climate responsive low-energy building design and sustainable masterplanning. With a background in architecture, Anis has extensive experience in building physics, dynamic modeling and he is an expert in environmental building design and renewable energy technologies. His expertise in microclimate analysis, passive design responses and sustainable infrastructure design, including energy, water and waste strategies, has played a key role in shaping buildings, masterplans and cities around the world. Anis also has a broad knowledge of sustainability accreditation tools and international sustainable benchmarking systems such as LEED, HQE, Estidama (Abu Dhabi UPC) and One Planet Living. He has also been involved in the generation of sustainable benchmarking and guidelines for major projects in the Middle East. At PHA, Anis leads a team of environmental designers and building science specialists using advanced modeling software and develop in-house tools. Anis is a registered architect, participates in design reviews and lectures at Cambridge University, UCL and Westminster University.



## Nikos Fintikakis

Director UIA WP ARES

Nikos Fintikakis is an architect (National Technical University of Athens, post-grad Heriot-Watt University of Edinburgh), senior partner and managing Director of "SYNTHESIS AND RESEARCH Ltd" G. Albanis-N. Fintikakis and partners Architects - consulting engineers ([www.syntres.gr](http://www.syntres.gr)), member of the Technical Chamber of Greece, the Association of Greek Architects, the Greek Consulting firms Association (HELLASCO) and Director of the U.I.A. work programme "ARES" on Architecture and Renewable Energy Sources ([www.uia-ares.tee.gr](http://www.uia-ares.tee.gr)). Nikos Fintikakis has been awarded many prizes and Medals in Greek and International Architectural Competitions as well as EU Research Projects. He has participated in many Architectural Exhibitions both in Greece and internationally and lectured at Research Centres, Universities and International Scientific Fora. His architectural work includes work in the fields of Bioclimatic - Environmental Architecture, Archaeology, Urban Planning, Administration Centers, Cultural Centers, Educational Projects, Tourism and Leisure Projects, and major Infrastructure Transportation Projects with the use of Renewable Energy Sources. He has published in Greek and International Architectural magazines and press. He is coordinating many Greek and European public and private projects and Research Programs. He has participated, as member of the jury, in many National and International Architectural Competitions.



## Anastassios Kotsiopoulos

Dipl Arch, DrEng, PhD, Professor AUTH

A. Kotsiopoulos is Professor of Architecture at the School of Architecture of the Aristotle University of Thessaloniki, and a Corresponding Member of the Academy of Athens. He teaches Theory of Architecture and Architectural Design and also runs a private architectural practice based in Thessaloniki. He has published more than 170 books, articles, and projects. He has designed 7 new university campuses in Greece and many large-scale buildings including the Foundation for Biomedical Research of the Academy of Athens. He has been awarded the 2000 Hellenic Institute of Architecture Award for public buildings. Two of his buildings are included in the "Phaidon" World Atlases of 20th and 21st Century Architecture.



## Matheos Santamouris

Professor, University of Athens

Mat Santamouris is Professor of Energy Physics at the University of Athens and visiting professor at the Metropolitan University of London, Tokyo Polytechnic University, Bolzano University and the Cyprus Institute. He is Director of the Laboratory of Building Energy Research, at the University of Athens. Editor in Chief of the Journal of Advances Building Energy Research, Associate Editor of the Solar Energy Journal and Member of the Editorial Board of the International Journal of Solar Energy, Journal of Energy and Buildings, Journal of Buildings and Environment, Journal of Sustainable Energy, Journal of Low Carbon Technologies, Journal of Open Construction and Building Technology, and of the Journal of Ventilation. Editor of the Series of Book on Buildings, Energy and Solar Technologies published by Earthscan Science Publishers in London. Editor and author of 12 international books on topics related to solar energy and energy conservation in buildings published by Earthscan in London. Chairman of the Cool Roof Council of Europe, Vice Chairman of the Air Infiltration and Ventilation Center, and Vice Chairman of the World Society for Sustainable Energy Technologies. Guest editor of ten special issues of various scientific journals. Coordinator of many international research programs and author of almost 175 scientific papers published in international scientific journals.



## Jonathan Smales

Executive Chairman, Beyond Green Group

Jonathan leads Beyond Green's work in sustainability consulting and property development. His expertise is in strategies for sustainable places, spaces and lifestyles. Beyond Green was sustainability adviser to the London 2012 Olympic Legacy Masterplan Framework and ran the public consultation programme for the Olympic Park and Legacy. The team has led or been instrumental in plans and designs for regeneration projects and urban extensions for over 70,000 new homes throughout the UK in the last 7 years. Jonathan was also lead adviser to Manchester City Council on its climate change strategy, undertook research which gave rise to the government's climate national change

communications programme and wrote the sustainability strategies for CABE and the Housing Corporation as well as several housing and regeneration companies. Beyond Green's property company is planning 6,000 new homes of its own currently in sustainable, mixed use places and is seeking to acquire land for a further 20,000 homes in the next three years. Jonathan was adviser to the Mayor of Hanover on the World EXPO 2000, founded and was Chief Executive of the Earth Centre Charitable Trust, and is a former Director and international trustee of Greenpeace 1986-90. He was a member of the Mayor's Advisory Board of Design for London and is currently a member of CABE's national design review panel specialising in national infrastructure projects. He lives with his partner Joanna in a 60-acre ancient woodland in East Sussex from where they sell forestry products, run educational programmes in sustainable lifestyles and woodland management and a family visitor attraction.



## Tim Stonor

RIBA MRTPI FRSA, Managing Director, Space Syntax London

Tim Stonor is an architect and town planner with wide, international experience of complex building and urban masterplanning projects. In 1996, he established the consulting firm Space Syntax Limited with the aim of building bridges between professional practice and academic research at University College London. Today, the firm operates from 7 offices worldwide and retains strong ties with UCL. Tim has recently stepped down after 5 years serving on the National Design Review Panel of the UK Commission for Architecture and the Built Environment (CABE). He is a director and founding member of the UK Academy of Urbanism. From August 2010, Tim will be resident at the Harvard Graduate School of Design as the Lincoln Loeb Fellow.



## Stelios Zerefos

Assistant Professor, Hellenic Open University

Stelios Zerefos is Assistant Professor of architectural design with digital means at the School of Applied Arts of the Hellenic Open University. He has practiced architecture since 1999 after graduating from the University of Plymouth, UK and the University of California at Los Angeles, USA. In 2004 he published his PhD thesis titled "Intelligent Limit: Criteria of the transformation of the building skin". In the period 2003-2009 he has taught architectural design with digital means as a visiting lecturer at the National Technical University of Athens School of Architecture and lectured at the European Masters' Degree for Renewable Energy Sources in the University of Athens. Apart from academic publications, he has 18 publications in scientific journals and international conference proceedings. Professionally he retains an architectural practice with C. Tassis focused on environmental design. Their work has been published and acquired awards in international architectural competitions. He is a member of the Technical Chamber of Greece, as well as international organizations and was a member of the experts' Committee of the EU Action COST C13 "Glass and the interactive building envelope".