


Event:  
Date:  
Place:

**ENERGY in BUILDINGS 2024**  
November 22-23, 2024  
Athens, Hellas



<b>#</b>	<p><b>Constantinos A. Balaras, PhD</b> Dr Mechanical Engineer, EUR ING FASHRAE</p>	
Title:	Research Director, Institute of Environmental Research and Sustainable Development, National Observatory of Athens, Greece	
email:	costas@boa.gr	
Presentation title:	<b>A Systematic Approach for Assessing Climate Resilient Buildings and Cities</b>	
<p>Urban areas are known to be among the main contributors to climate change worldwide, while at the same time these areas are especially at risk from the impacts of climate change. Accordingly, adaptation measures are necessary to address change. This ongoing European collaborative work facilitates climate change adaptation and promotes disaster risk prevention and resilience, taking into account eco-system based approaches. The main aim is to facilitate municipalities and public authorities with assessing and managing climate risk of buildings and cities and improving adaptation capacities of Mediterranean cities through the implementation of holistic, integrated, multi-scale and systemic approaches.</p>		
Short CV:	<p>Dr. Balaras is a Mechanical Engineer. Research Director with the Group Energy Conservation at the Institute for Environmental Research &amp; Sustainable Development -NOA, Athens, Greece. He has over 30 years of experience in research, development and demonstration in the areas of energy conservation, sustainability assessments of the built environment, and energy audits. He is an ASHRAE Fellow and currently serves on ASHRAE's Technology Council and as a voting member on SPC 240P Evaluating Greenhouse Gas (GHG) and Carbon Emissions in Building Design, Construction and Operation, and as a NVM of SSPC 189.1 Design of High Performance, Green Buildings.</p>	

Event:

## ENERGY in BUILDINGS 2024

Date:

November 22-23, 2024

Place:

Athens, Hellas



CV:

Dr. Balaras is a Research Director with the Group Energy Conservation at the Institute for Environmental Research & Sustainable Development, NOA, Athens, Greece. He has over 30 years of experience in R&DD in the areas of energy conservation, high performing buildings and decarbonization, thermal and solar building applications, climate resilience and sustainability assessments, and energy audits. He holds a PhD and MSc in Mechanical Engineering from Georgia Institute of Technology and a BSc in Mechanical Engineering from Michigan Technological University. He is a registered EUR ING and Chartered Mechanical Engineer, member of the Technical Chamber of Greece, Fellow ASME, Fellow ASHRAE. Dr. Balaras has over 350 scientific articles published in international journals, books and conference proceedings. Past ASHRAE service: Society Vice President (2011-13), past DRC Region XIV (2017-20), past DAL (2007-10). Recipient of ASHRAE DSA, ESA and John F. James International Award.

For more information visit: [www.linkedin.com/in/costasbalaras](http://www.linkedin.com/in/costasbalaras)

[www.researchgate.net/profile/Constantinos\\_Balaras/](http://www.researchgate.net/profile/Constantinos_Balaras/)

[www.facebook.com/GRoupEnergyConservation](https://www.facebook.com/GRoupEnergyConservation)

<https://groupenergyconservation.com/>