

Event:

4<sup>th</sup> International Conference  
**ENERGY in BUILDINGS – Northern Hellas**




Date:

Saturday May 6, 2017

Place:

Thessaloniki, Hellas

<b>#</b>	<b>Constantinos A. Balaras</b> Dr Mechanical Engineer, FASHRAE	
Title:	Research Director, Group Energy Conservation, Institute for Environmental Research & Sustainable Development, National Observatory of Athens, P. Penteli, Greece	
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Presentation title:	<b>Indicators and Assessment Methods of Buildings &amp; Urban Areas for Sustainable Mediterranean Cities (CESBA MED)</b>	
<p>Improving buildings' energy efficiency is a key European strategy to reduce the environmental impact of buildings and contribute towards sustainability. The first part of the presentation identifies existing knowledge from several transnational projects and methods, which reveal a multitude of possible indicators that support the development of energy efficiency plans for public buildings in the context of their surrounding neighborhoods. The second part introduces a new European collaborative effort in the framework of the Interreg MED transnational programme of European territorial cooperation. The CESBA MED project aims to address various sustainability themes in a decision making process that will support users to overcome the complexities and facilitate synergies for preparing successful, cost-effective energy efficiency plans for large scale renovation of urban buildings.</p>		
Short CV:		
<p>Dr. Balaras is a 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 R&amp;DD in the areas of energy conservation, high performing buildings, thermal and solar building applications, building energy audits-diagnosis and refurbishment, national regulations - technical guidelines – software tools for EPBD transposition, environmental impact of buildings, indoor environmental quality, thermal energy systems and building thermal simulations, solar air-conditioning. He holds a PhD and MSc in Mechanical Engineering from Georgia Institute of Technology and a BSME 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 260 scientific publications in Journals and Conferences and over 20 contributions in books.</p> <p>For more information visit: <a href="http://www.linkedin.com/in/costasbalaras">www.linkedin.com/in/costasbalaras</a> <a href="https://www.researchgate.net/profile/Constantinos_Balaras/">https://www.researchgate.net/profile/Constantinos_Balaras/</a> <a href="http://www.facebook.com/GRoupEnergyConservation">www.facebook.com/GRoupEnergyConservation</a></p>		