


Event:  
Date:  
Place:

**ENERGY in BUILDINGS 2018**  
Saturday November 3, 2018  
Athens, Hellas



<b>#</b>	<b>Vassilis P. Panoskaltsis</b> M.S., M.A., Ph.D. Professor, Demokritos University of Thrace Greece	
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Presentation title:	<b>Energy Efficiency in Heritage Buildings</b>	
<p>Old buildings have a specific interest, because when they are restored and reused considerable changes take place concerning their energy performance. Research shows that there is a great potential for environmental benefit of building reuse. When comparing buildings of equivalent size and function, reusing and retrofitting existing buildings with an average level of energy performance almost always offers environmental savings over demolition and new construction.</p> <p>Four public buildings in the area of Kalamaria, Thessaloniki, were examined and energy performance was analyzed. All selected buildings were constructed before 1955 and they have been renovated to some extent. All of them are of the same building type: orthogonal plan, two-storey, flat roof, basement and floor level one meter approximately over the ground.</p> <p>The buildings included in this study are: the Municipality central offices' building, a primary education school building, a disabled school and library building, a nursery and social services offices building.</p>		
CV:		
<p>Provide a short CV (no more than 60 words) to be used for speaker introduction.</p> <p>Professor Panoskaltsis holds a Ph.D. and two Masters degrees from the University of California at Berkeley, U.S.A.</p> <p>His areas of research and teaching span structural, continuum and computational mechanics. He has been a visiting Professor at the Universite de Bourgogne, in Dijon France and a Professor at Case Western Reserve University in Cleveland, U.S.A.</p> <p>He is currently a Professor at Demokritos University of Thrace, Greece.</p> <p>He has published many journal and conference papers and has participated in many conferences as a speaker and as an invited speaker.</p>		