


Event:
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Presentation title:	Shelters for Monuments: Contribution to Sustainable Management and Future Heritage Preservation	
<p>Degradation processes of the materials are complex phenomena. Concerning the archaeological findings, it has been proved that cyclical changes in climatic conditions are the main driving forces behind decay. The great changes that occur during an excavation are mainly due to the change in humidity and not so much to the oxygen of the air or to the sunlight. Proper protection of heritage structures could be achieved by adjusting the microclimatic conditions. Thus, for the proper management of excavated monuments, systematic data recordings and interdisciplinary studies are required prior to the final protection intervention.</p> <p>The environment, natural or artificial, that surrounds the monument strengthens or reduces heat and humidity flows inside the construction materials and influences the degradation processes. It therefore shows the need to intervene in this environment in order to control as far as possible the microclimatic conditions.</p> <p>In the category of artificially created environment are included the built shelters that aim to protect the monuments from the influence of the weather conditions. The very nature of these constructions contributes to the formation of the microclimatic conditions both inside the monument and around it, using mechanical systems.</p> <p>Thus, in order to evaluate the shelters' contribution to the creation of a stable microclimatic environment and minimization of heat and moisture exchanges, we need to define sustainable criteria and specifications for their construction, including the use of renewable energy systems to reduce energy consumption.</p>		
CV:	<p>I have received the integrated Diploma and Master in Architecture, from the Aristotle University. I hold an MSc in "Energy Systems" and an MSc in "Environmental Planning".</p> <p>Currently I work in the Aristotle University of Thessaloniki. Additionally, I participate as a contributor in EU policy working groups and think tanks.</p> <p>I have been teaching in Technical Universities (TEI) as a visiting lecturer. I am also a trainer for the employees of the Public Sector.</p>	