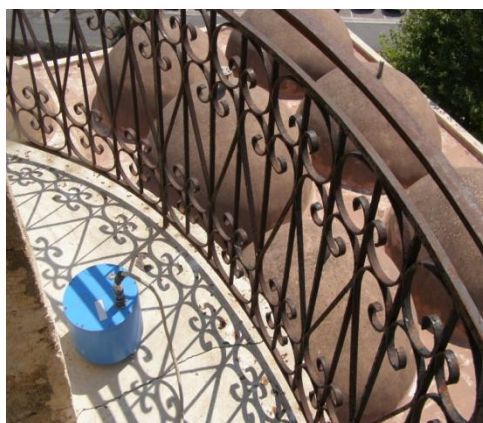


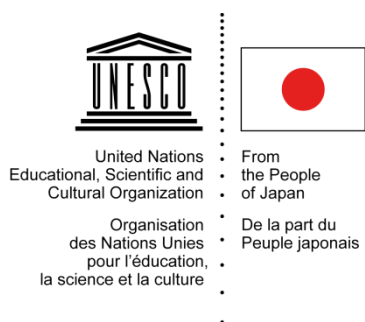


Seismic response assessment of minarets and important high rise historical and monumental structures in Crete (Greece)

Grant agreement: CFS-1711 n. 4500329348



The project is financially supported by the UNESCO Regional Bureau for Science and Culture in Europe and the Japan Fund in Trust project "International Platform for Reducing Earthquake Disasters"



The event is co-organized with KEPPEDIH-CAM

*A contribution of the UNESCO Chair
Solid Earth Physics & Geohazards Risk Reduction.*



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Geophysics and Seismology applied in Cultural Heritage protection

Programme

December 14, 2017

15:30-16:00	<i>Registration & Coffee</i>
16:00– 16:30	<i>Welcome by local authorities, UNESCO representatives and the Rector of the Technological Educational Institute.</i>
16:30-16:40	<i>Philippe Pypaert</i> (UNESCO) <i>An introduction to UNESCO activities for the Seismic protection of Monuments.</i>
16:40-17:00	<i>E. Pelli</i> (National Seismic Protection Organization) <i>Rapid Visual Vulnerability Assessment of Historical City Center -The Case of Nafplio.</i>
17:00-17:10	<i>F. Vallianatos</i> (UNESCO Chair on Solid Earth Physics & Geohazards Risk Reduction, Crete) <i>Activities of the UNESCO Chair. Complexity methods for the analysis of seismic noise in Monuments.</i>
17:10-17:40	<i>M. Moisi</i> (UNESCO Chair on Solid Earth Physics & Geohazards Risk Reduction, Crete) <i>Seismic response assessments of minarets and important high rise historical and monumental structures in Crete (Greece).</i>
17:40-18:00	<i>I. Kalogeras</i> (Geodynamic Institute, Athens) <i>Cultural Heritage Monitoring of Dynamic and Static Loads: Case studies and preliminary conclusions.</i>
18:00-18:20	<i>J. Ntourakopoulos</i> (NTUA) <i>The role of seismic monitoring systems and microtremor measurements in the design of strengthening measures of Byzantine Monuments".</i>
18:20-18:40	<i>E. Stavroulaki</i> (TUC) <i>Structural analysis of monuments.</i>
18:40– 19:00	<i>G. Chatzopoulos</i> (UNESCO Chair on Solid Earth Physics & Geohazards Risk Reduction, Crete). <i>Shake map in the Historical Cities.</i>
20:00	<i>Dinner</i>



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December 15, 2017

9:30-10:00	<i>S. Kourkoulis (NTUA) Restoring damaged structural marble elements in monuments: Engineering Experience form the Athens Acropolis project.</i>
10:00-10:30	<i>A. Kiratzi (AUTH) Earthquakes in the Aegean Sea, scenarios and seismic input for cultural heritage.</i>
10:30-11:00	<i>P. Clemente (ENEA) Stability and dynamic analysis of masonry tower: some notable case studies.</i>
11:00-11:30	<i>R. Azzara (INGV) The instrumental contribution of the seismology to the preservation of historical built heritage.</i>
11:30-12:00	Coffee break
12:00-12:30	<i>L. Duni (Polytechnic University of Tirana) Geophysical & seismological investigations on some Cultural Heritage Sites in Albania.</i>
12:30-13:00	<i>A. Catalano (CNR-ITABC & University of Molise) Innovative materials and Technologies for the preservation of the historical built environment in seismic areas.</i>
13:00-15:00	Lunch Break
15:00-15:20	<i>L. Alberti (CNR-ITABC) Cultural transmission in Heritage protection: Learning from the past to build the future.</i>
15:20-15:40	<i>M. Cozzolino (CNR-ITABC & University of Molise), The contribution of non-invasive diagnostics to the vulnerability evaluation of an Architectural heritage throught the representation of its conservation status.</i>
15:40-16:00	<i>Z. Milutinovic (IZIIS UNESCO CENTER) IZIIS's experience in earthquake protection of cultural heritage.</i>
16:00-17:30	Round Table discussion Moderator Philippe Pypaert



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