

UNIVERSITY OF THESSALY
School of Engineering - Department of Civil Engineering

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Restoration and reuse
of two Pelion architecture monuments

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Wednesday **23/2/2022**, Time: **11:00**

Hybrid Seminar: **Room A2**, [MS Teams](#)

Live Streaming: [DIAVLOS](#), [YouTube](#)

Abstract: The methodology followed for the study, renovation and reuse of two characteristic stone masonry examples of traditional Pelion Architecture as well as the all around procedures, laboratory checks and Central Monument Council authorisations needed. The assesment, performance under seismic loads and simulations according to the EN8-3 and the latest temporary Greek KAΔET norm, as well as the N,3028/2002 law framework regarding restoration. The two buildings have three levels

in stone masonry, free float stone roofs and partial wooden compound walls on the exterior shell. They were both abandoned for many years and their age is around 150-200 years old. Numerous checks were underheld, in parallel with laboratory checks and simulations in the most adequate software available so as to point the optimum retrofitting materials, quantities and reversible procedures.

