

SHORT CV:

ROKO ŽARNIĆ

Thematic Area: **TA1**



Key areas of Expertise in Digital Heritage:

Documentation, resilience assessment, earthquake strengthening, knowledge transfer, policy making

Prof. Roko Žarnić is a professor of building materials at University of Ljubljana, Faculty for Civil and Geodetic Engineering, since 1993. His research background is in earthquake engineering with a particular interest for built heritage preservation, development of structural elements made of advanced materials (laminated glass and FRP) and inelastic computational models for assessment of structures. He joined the University from the position of director general of Slovenian National Institute for Research in Materials and Structures (ZRMK) where he started his career in 1974. In 1999 he was for six months a Fulbright visiting scholar at University of Colorado at Boulder, CO and in 2006 for six-month national detached expert to EU JRC Laboratory at Ispra, Italy. From 2010 to 2012 he was on duty of Minister of Environment and Spatial Planning of Republic Slovenia. He was a principal investigator and coordinator in number of international projects (USA-Yugoslav bilateral projects, EU FP4, FP5, FP6 and FP7), member of Managing Committees of COST TC UCE, COST C5, COST C16 (vice chairman), COST C530, C26, TU 0905, and International Board of EUREKA EURO CARE. He has coordinated EU FP7 project EU CHIC: Cultural Heritage Identity Card (2009-2012). Currently he was a member of recently completed EU FP7 project Marie Curie ITN-DCH and ongoing 2020 Project INCEPTION and two ongoing COST Actions: TU1403 Adaptive Facades Network and TD1406 Innovation in Intelligent Management of Heritage Buildings. He has published over 400 papers and reports. In European Construction Technology Platform, he was co-leading the ECTP Focus Area Cultural Heritage. For two years (2013-2015) he was individual expert appointed in his personal capacity to Horizon 2020 Advisory Group for Societal Challenge 5 'Climate Action, Environment, Resource Efficiency and Raw Materials'. He is currently active in the expert group of EU 2020 VI-MM project.



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