

NEW METROPOLITAN PERSPECTIVES 2018

THEMATIC SESSIONS - TS

TS-22

RISK MANAGEMENT – INCREASING RESILIENCE TO HUMAN/NATURAL HAZARDS

Keywords: Natural, Environmental and Human Hazard; Climate Change; Vulnerability; Exposure and Risk Assessment; Risk Mitigation and Management; Community Engagement.

Cultural heritage all around the world is facing different threats like urban pressure, mass tourism effect, climate change and problems of political unrest.

Size and effect of risks depend on nature of a threat, nature of heritage values.

Although, several studies have been carried out and related guidelines developed, more applied research results seem necessary to meet new issue, spread far and wide like, conflicts, climate change, also for apparently controllable hazard like the aging. The speed of change and complexity of society require effective and robust tools to assess pressure factors, vulnerability, and risk with the aim to develop effective management procedures. Innovative hardware, systems, and materials, developed in the last decades, could give a support to reliably solutions if correctly used.

The session is open to contributions and discussions on the new challenge, case studies, new technologies, and assessment procedures, new materials, management and actions guide the preserve cultural heritage under the threat of disaster.

CHAIR

Zeynep Gul Unal – Yıldız Technical University

Luigi Petti – University of Salerno

