



## **Terrestrial Laser Scanning Cultural Heritage preservation in case of natural hazards**

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Croatian Adriatic coast and the City of Zagreb area are hazardous with respect to earthquake occurrence. These areas are rich with cultural monuments, buildings, sculptures...

Accurate 3D documentation is needed for reconstruction in case of damage caused by natural disasters like earthquake, landslide, fire...

The technology of terrestrial laser scanning is a promising method for providing exact 3D models of cultural heritage.

Meshes, point-clouds and models should be collected and constructed. Georeferenced models can be used for tourism as a basis for virtual worlds available both in the WWW or on DVD-s...