

SHORT CV  
**VLATKA RAJČIĆ**

**Thematic Area: 1**

Key areas of Expertise in Digital Heritage:



- Optimisation of the Data acquisition Protocol
- Application of drones and aerial survey devices
- Photo-based scanning
- 3D solid parametric modelling-procedures and softwares
- 3D modelling of seismic performance of the CH buildings
- 3D H-BIM semantic modelling
- Non destructive testing based evaluation of the CH item material status

Participated in many International projects dealing Cultural Heritage and Digital Heritage: 1.

Horizon2020\_ INCEPTION (Inclusive Cultural Heritage in Europe through 3D Semantic Modeling)

2. FP7 Climate for Culture (Damage risk assessment, economic impact and mitigation strategies for sustainable preservation of cultural heritage in the times of climate change)

3. FP7 SMooHS (Smart Monitoring of Historic Structures)

4. FP7 EU-CHIC (European Union Culture Heritage Identity Card)

5. FP7 CHRESP (Cultural Heritage Research Meets Practice)

6. FP7 PEOPLE: Marie Curie: ITN-DCH Marie Curie "ITN-DCH Fellowship Project-Initial training network for digital Cultural Heritage

7. FP6 CHRAF

8. ERASMUS MUNDUS PROJEKT– ELARCH Euro-Latin America partnership in natural Risk mitigation and protection of the Cultural Heritage

9. Member of DARIAH Croatia and DARIAH Western Balkan Hub part of DARIAH-EU  
Author of more than 50 articles with the topic of CH in Journals, Books and Proceedings of the Conference. Editor of several books with the topic of Digital Heritage

As a main coordinator worked on many professional projects on preservation, sanation, reassignment of the CH objects in Republic of Croatia. Some of them are

1. Monitoring of Dubrovnik's Cathedral climate conditions and status of the structure and materials
2. Reconstruction of the Cathedral dome and roof structure in town Gospić
3. Reconstruction of more than 10 old timber bridges structures
4. Reconstruction and preservation projects of many wooden churches from 18<sup>th</sup> century in Croatia.



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