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**Danube University Krems**  
The University for Continuing Education



## Information and Registration

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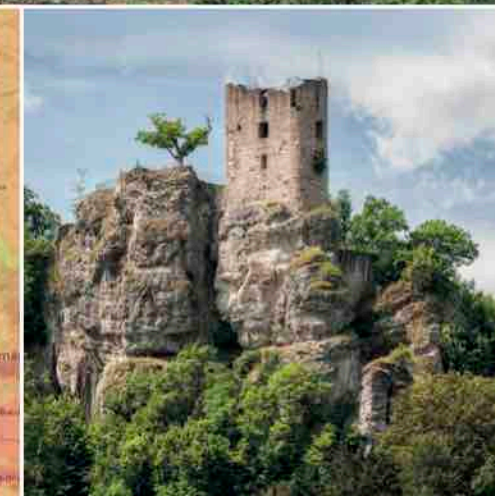


## Joint ENVIMAT and Cultural Property Protection Summer School 2020

**Tools and Strategies for strengthening resilience of Cultural Heritage in Climate Change**

28<sup>th</sup> September to 9<sup>th</sup> October 2020 | online

Danube University Krems, Department for Building and Environment.  
[www.donau-uni.ac.at/dbu/summeruniversity](http://www.donau-uni.ac.at/dbu/summeruniversity)





# Joint ENVIMAT and Cultural Property Protection Summer School 2020

Tools and Strategies for strengthening resilience of Cultural Heritage in Climate Change

## Scientific Committee

- > *Alessandra Bonazza, CNR-ISAC*
- > *Anna M. Kaiser, Danube University Krems*
- > *Mauro La Russa, UNICAL*
- > *Alessandro Sardella, CNR-ISAC*

## Organizing Committee

- > *Alessandra Bonazza, CNR-ISAC*
- > *Paola De Nuntiis, CNR-ISAC*
- > *Anna M. Kaiser, Danube University Krems*
- > *Alessandro Sardella, CNR-ISAC*
- > *Hannes Schramm, Austrian Armed Forces*

## Week 1

### Monday 28 September

- 18:00 – 20:00 Introduction to Summer School and Project STRENGTH  
*Anna Kaiser, Programme Director Cultural Property Protection, Danube University Krems, Austria*
- Cultural Property Protection – Why to protect our Cultural Heritage  
*Hannes Schramm, Austrian Armed Forces, Austria*

### Tuesday 29 September

- 18:00 – 20:00 Cultural Property Protection in the 21<sup>st</sup> Century: A View from the Most Deployed Division  
*Laurie Rush, US Army, Fort Drum, USA*

### Wednesday 30 September

- 18:00 – 20:00 Italian Model for Cultural Property Protection in Case of Natural Disasters  
*Alfio Gullotta, Carabinieri Command for the Protection of Cultural Heritage (TPC), Italy*

### Thursday 1 October

- 18:00 – 20:00 Cultural Heritage Protection Design: Identification of Threats, Risk and Vulnerability Assessment  
*Orfeas Sotiriou, National School of Public Administration and Local Government, Greece*

## Week 2

### Monday 5 October

- 14:30 – 17:00 Introduction  
*Alessandra Bonazza, STRENGTH Coordinator, Institute of Atmospheric Sciences and Climate (CNR-ISAC), Italy*
- Cultural Heritage at Risk due to the Impact of Extreme Climate: The Role of the Satellite Observations  
*Elsa Cattani, Institute of Atmospheric Sciences and Climate (CNR-ISAC), Italy*
- Climate Extremes in a Changing Climate  
*Elisa Palazzi, Institute of Atmospheric Sciences and Climate (CNR-ISAC), Italy*

### Tuesday 6 October

- 14:30 – 17:00 Copernicus in Support of the Safeguarding of Cultural and Natural Heritage at Risk  
*Daniele Spizzichino, Italian Institute for Environmental Protection and Research (ISPRA), Italy*
- Vulnerability of Cultural Heritage: Challenges and Opportunities for Resilience Building  
*Riccardo Cacciotti, Institute of Theoretical and Applied Mechanics, The Czech Academy of Sciences (ITAM), Czech Republic*

### Wednesday 7 October

- 14:30 – 17:00 Building Materials for Cultural Heritage: Characterization, Damage and Protection  
*Natalia Rovella, University of Calabria, Italy*
- Risk Mapping for the Protection of Cultural Heritage exposed to Climate Extremes  
*Alessandro Sardella, Institute of Atmospheric Sciences and Climate (CNR-ISAC), Italy*

### Thursday 8 October

- 10:00 – 11:30 Managing Cultural Heritage at Risk in a Changing Environment  
*Alessandra Bonazza, Institute of Atmospheric Sciences and Climate (CNR-ISAC), Italy*
- 14:00 – 17:00 Practical Session: WebGIS Tool for Risk Mapping  
*Alessandra Bonazza, Paola De Nuntiis, Alessandro Sardella, Institute of Atmospheric Sciences and Climate (CNR-ISAC), Italy*

### Friday 9 October

- 09:30 – 12:30 Practical Session: WebGIS Tool for Risk Mapping  
*Alessandra Bonazza, Paola De Nuntiis, Alessandro Sardella, Institute of Atmospheric Sciences and Climate (CNR-ISAC), Italy*