



Danube University KREMS specializes in part-time academic continuing education. As a public university for continuing education, it works with its expertise in teaching and research to overcome societal challenges and tailors its study programs to address them. The master programs and short programs cover nine fields of study and meet the specific requirements of working professionals. With 8,000 students coming from 85 countries, Danube University KREMS combines its many years of experience in university-based continuing education with innovation to provide outstanding quality in research and teaching at an international level. The university holds the AQ Austria quality seal. Situated 80 km from Vienna in the alluring world heritage region Wachau, Campus KREMS is a highly attractive location.



**Danube University KREMS**  
The University for Continuing Education



### Information and Registration

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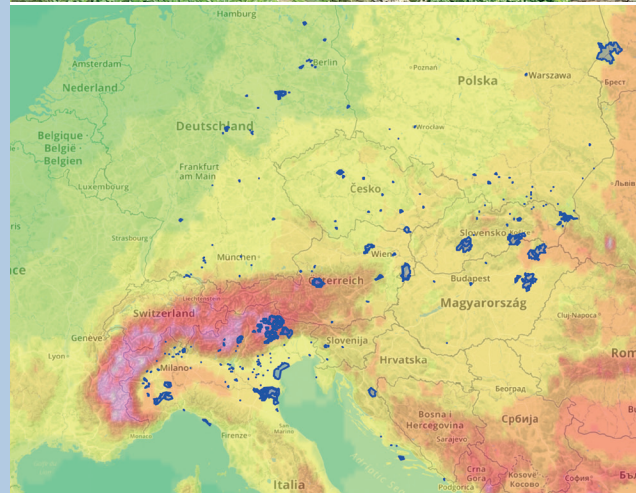


## Joint ENVIMAT and Cultural Property Protection Summer School 2020

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 STRENCH  
*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, STRENCH 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*