



Keynote Address of Prof. Cristina Sabbioni

## **ENVIRONMENTAL CHANGES IN AIR POLLUTION AND CLIMATE ON CULTURAL HERITAGE**

The presentation will provide an overview of the work performed on the characterisation of air pollution impact on building materials of historical and archaeological interest. In addition, it deals with evaluating their effects, focusing particular attention on building materials, such as stone and mortars, in view of the evidence of their increasing rates and levels of damage over the last decades, especially in urban areas.



How climate change will impact on the deterioration of cultural heritage will also be summarised through the presentation of the main output of the EC Noah's Ark Project summarised in the "Atlas of climate change impact on European Cultural Heritage", which includes European-based maps related to various degradation processes under future climate scenarios.

