



## **The International Workshop on use of Remote Sensing for Monitoring, Modeling and Management of Cultural Heritage and Landscapes**

*Call for papers\**

### **General Information**

The documentation, analysis, monitoring and protection of cultural heritage (CH) and landscape and their territorial transformations rely increasingly upon the contribution of integrated monitoring disciplines. In 2000 the European Landscape Convention has established the necessity 'to integrate landscape into its regional and town planning policies and in its cultural, environmental, agricultural, social and economic policies'. An articulated territorial dimension, such as large-scale archaeological sites or landscape heritage sites, require an approach able to consider multi-dimensional data and information from different spatial and temporal data series, supporting territorial monitoring, modeling and management from different points of view.

The use of satellite and other remote sensing technologies has already been progressively established in practice in the field of environmental monitoring. In the domain of CH and landscape, and in particular with regards to archaeological sites, these technologies have made a significant contribution to research and analysis over the past few decades. The potential use of Remote Sensing (RS) technologies for the documentation and monitoring of CH has been long recognised not only by RS experts and archaeologists but also by the public authorities involved in heritage management that suggest an increasing use of non-invasive technologies (see Valletta Convention, 1992). In addition, RS can be used for the reconstruction of lost archaeolandscape using archive data as well for the detection of unexcavated archaeological remains. RS technologies constitute thus one of the main sources for the retrieval and interpretation of archaeological data; they help in underpinning archaeological knowledge and further understanding of the complex historic environments.

The 1st International Workshop on use of Remote Sensing for Monitoring, Modeling and Management of Cultural Heritage and Landscapes proposes an open discussion regarding the current contribution of Remote Sensing, the integration of RS technologies but also the potential challenges that the scientific community should address in the near future (Sentinel sensors). The topics in this workshop include but are not limited uses of satellite imagery, laser and range airborne data, ground truth measurements (GPR, spectro-radiometer) and UAV technologies.

### **Organizers**

German Aerospace Center (DLR), Germany

Cyprus University of Technology, Remote Sensing and Geo-Environment Lab, Cyprus

Politecnico di Milano, GICARUS Lab, Italy

*\*Submit your papers by email to [branka.cuca@cut.ac.cy](mailto:branka.cuca@cut.ac.cy) and [athos.agapiou@cut.ac.cy](mailto:athos.agapiou@cut.ac.cy) by*

**Important Dates:**

**Submission deadline:** 1 September 2014

**Notification of acceptance:** 20 September 2014

**EuroMed Conference:** 3-8 November 2014

**Contact information:**

***Branka Cuca***

Politecnico di Milano, GICarus Lab

Cyprus University of Technology, Remote Sensing and Geo-Environment Lab

e-mail: branka.cuca@cut.ac.cy

***Athos Agapiou***

Cyprus University of Technology

Remote Sensing and Geo-Environment Lab

e-mail: athos.agapiou@cut.ac.cy