



Webinar of Earth Observation and Data Science for Cultural Heritage

15 - 16 December 2021

Host:

- International Centre on Space Technologies for Natural and Cultural Heritage under the Auspices of UNESCO(HIST);
- Department of Geography, Harokopio University of Athens, Greece
- DBAR-Heritage ICoE Potenza
- Italian National Research Council

Organizing Committee:

Prof. Isaak Parcharidis, Harokopio University of Athens, Greece
Prof. Fulong Chen, Deputy Director of HIST
Prof. Nicola Masini (CNR)
Prof. Rosa.Lasaponara(CNR)
Mr. Shaobo Liu, Deputy Secretary-General of HIST
Ms. Sijia Huo, Program Coordinator of HIST

Agenda Day 1

Time: 8:00 - 11:20 (CET),15 December 2021

Chair: Prof. Nicola Masini & Prof. Rosa.Lasaponara (CNR and ICoE Potenza)

Zoom Meeting ID: 898 5785 8985 Passcode: 084363

Join Zoom Meeting link: <https://us06web.zoom.us/j/89857858985?pwd=bUwyRVByZGhRZTEvcDc5NURCcExGZz09>

- 8:00 - 8:05 (GMT+8)** *Warming up by Chair*
- 8:05 - 8:20 (GMT+8)** *Opening Remarks*
Changlin Wang, HIST
Rosa Lasaponara & Nicola Masini , National Research Council, Italy
Prof. Isaak Parcharidis, Harokopio University of Athens, Greece
- 8:20 - 8:50 (GMT+8)** Dr. Athanasia-Maria Tompolidi, Department of Geography, Harokopio University of Athen
Title: *Spaceborne SAR interferometry as a noninvasive tool to assess the vulnerability over cultural heritage sites (SCIENCE project).*
- 8:50 - 9:20 (GMT+8)** Prof. Fulong Chen, HIST
Title: *Remote Sensing for Cultural Heritage*
- 9:20 - 9:50 (GMT+8)** Prof. Nicola Masini, National Research Council, Italy
Title: *EO data integration for CH preservation: Nasca line and Machu Piccu case studies.*
- 9:50 - 10:20 (GMT+8)** Prof. Chris Steward from ECMWF
Title: *Satellite SAR applications in Cultural Heritage.*
- 10:20 - 10:50 (GMT+8)** Dr. Abate Nicodemo and Valentino Vitale, Universita' degli Studi della Basilicata
Title: *Close range EO for Natural and Cultural heritage*
- 10:50 - 11:20 (GMT+8)** Discussion
- 11:20 - 11:30 (GMT+8)** Concluding Remarks by Prof. Rosa.Lasaponara and Prof. Nicola Masini

Agenda Day 2

Time: 8:00 - 11:15 (CET),16 December 2021

Chair: Prof. Isaak Parcharidis, Harokopio University of Athens, Greece

Prof. Fulong Chen, HIST

Zoom Meeting ID: 834 4167 7804 Passcode: 724747

Join Zoom Meeting link: <https://us06web.zoom.us/j/83441677804?pwd=SSs5RHRLWTNaehIYU0hqQmZzS2lwUT09>

- 8:00 - 8:05 (GMT+8)** Warming up by Chair
- 8:05 - 8:35 (GMT+8)** Prof. Wei Dong, Southeast University, China
Title: *Towards a New Structure of Historic Cities Network in China.*
- 8:05 - 8:35 (GMT+8)** Prof. Rosa Lasaponara, National Research Council, Italy
Title: *Artificial Intelligence and Earth observation for heritage preservation.*
- 9:05 - 9:35(GMT+8)** Dr. Chenghe Hu, MCC Construction Research Institute Co., Ltd.
Title: *Application of Nondestructive Testing to Heritage Architecture-take ancient pagodas as an example.*
- 9:35 - 10:05 (GMT+8)** Prof. Vasiliki Elefteriou, Director of the Acropolis Restoration Service, Hellenic Ministry of Culture and Sports
Title: *The Restoration Work of the Acropolis Monuments- The Problems and their Treatment.*
- 10:05 - 10:35 (GMT+8)** Prof. Jolanda Patruno from European Space Agency
Title: *ESA open data and facilities for CH.*
- 10:35 - 11:05 (GMT+8)** Discussion
- 11:05 - 11:15 (GMT+8)** Concluding Remarks By Prof. Isaak Parcharidis and Prof. Fulong Chen.