

H2020 NETCHER Project

Call for Applicants

Remote Sensing to Fight Illicit Excavation

Course Start date: **19/01/2021**
Course End date: **22/01/2021**
Application deadline: **04/01/2021**
Location: Online

Working language: English
Fees: no fees
Organising institutions:
Ca' Foscari University of Venice (Italy)
Center for Cultural Heritage Technology – Italian Institute of Technology (Italy)

Aims and content

NETCHER Remote Sensing to fight illicit excavation Training (NRST) is a 4-day online education programme aimed at training Cultural Heritage professionals in using Remote Sensing to identify evidence of archaeological sites' looting.

The training programme is broken into two levels:

- a **beginner level** (days 1 and 2), comprising an introduction to remote sensing and image interpretation. Training participants will learn how to examine imagery to recognise archaeological sites, record their condition and identify issues such as looting. There will be a lecture by Dr Bijan Rouhani on the EAMENA project and its methodology, and a training session on image interpretation by Dr Louise Rayne during which participants will learn how to use Google Earth Pro.
- an **advanced level** (days 3 and 4), covering a detailed comparative overview of optical and radar satellite remote sensing state-of-the-art technologies, as well as an introduction to methods for identification and semi-automated detection of looting and landscape disturbance. There will be lectures by Dr Deodato Tapete and Dr Francesca Cigna from ASI, including a demonstration on developed case studies in the Middle East.

Depending on their expertise, trainees can attend either both the training levels, or only one of them.

Targeted at Cultural Heritage professionals, such as Art/Archaeology Superintendences officers, Cultural Heritage national agencies, Cultural Heritage park managers, and law enforcement officers, NRSTP offers a multidisciplinary learning experience, with opportunities to learn from professionals in the field.

The training includes live lectures allowing to gain familiarity with key software packages including Google Earth Pro.

Full program is available here: <https://bit.ly/3oe7yPk>.

Learning outcomes

- Understanding the basics of remote sensing practice
- Gaining familiarity with key software packages and tools, including *Google Earth Pro*
- Getting familiar with optical and radar satellite data selection and their analysis for looting and sites-condition assessment

Who can apply?

We seek motivated professionals who can directly benefit in their daily professional activities from this training programme. Priority is given to applicants from Museums, Institutions, and Superintendencies working in geographic areas severely exposed to Cultural Heritage looting.

The online training will be open to 25 participants.

Please note, this course is very time-intensive. We ask for the full commitment of the participants during the sessions.

Language: participants should be able to converse and write in English fluently.

Fees: there are no training fees (the training is covered by H2020 NETCHER Project Training Fund).

How to apply?

1. Please, fill out the application form here: <https://bit.ly/3meWMrp>.
2. If you have issues in opening or filling out the form mentioned above, please contact us at netcher@unive.it.
3. Please note that only complete applications will be taken into consideration.
4. Shortlisted candidates might be invited for a video-call interview with the organisers.
5. A final selection of participants will be communicated by January 8th, 2021 at the latest.