



EUROPEAN ASSOCIATION
OF REMOTE SENSING LABORATORIES



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SATCULT: Closing the knowledge gap – vocational training about EO services in cultural heritage preservation

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→ THE EUROPEAN SPACE AGENCY

SUMMARY

- Cultural heritage (CH) is facing risks from climate change, natural hazards, war destruction.
- Earth observation (EO) data by satellites can help to prevent and mitigate risks.
- The majority of the workforce in cultural heritage preservation is not trained to benefit from EO.

-> SATCULT will prepare the workforce to benefit from EO!



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SATCULT is closely linked to the CHARTER ALLIANCE
– one of the EC Sector Skills Alliances



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WHO?

**SATCULT is a German-Italian-Cypriot partnership
with expertise in CH preservation, EO and training development:**



When?

December 2024 – May 2026

Background

- One of the key findings of the EC OMC report “Strengthening cultural heritage resilience for climate change. Where the European Green Deal meets cultural heritage” (2022):

EU Member States do not have proper policies and action plans in place to mitigate threats from climate change on cultural heritage, nor does the European Union.

- The report pointed out the potential of using EO data in cultural heritage.
- However, most of the CH sector is not yet prepared for making use of that. The CH sector urgently needs training,
 - in access to EO data,
 - in the analysis and use of such data and
 - in the EO-supported implementation of preventive measures.

HOW?

The **SATCULT** project

- will **investigate and record the conditions** under which CH organisations can acquire the necessary knowledge through **vocational training**,
- is an opportunity to make staff, networks and initiatives in CH preservation and their training providers aware of the immense potential of EO data and the **translation of data into concrete action**.

WHAT? The SATCULT work programme

- Identify qualification requirements of staff in public and private CH institutions and sites,
- Sensitise staff to the possibilities of EO data for CH preservation,
- Collect examples of the possibilities offered by EO, publish and disseminate them,
- Identify the training needs by a survey,
- Bring the expertise from CH preservation and EO together in a database,
- Identify and prepare pilot sites for testing cooperation between experts from CH and EO and prepare the development of an interdisciplinary curriculum

-> **Open up ways of accessing, analysing and using satellite data**

WHO? 3 targeted groups

1. heritage professionals in public and private organisations, networks and umbrella organisations (e.g. operators at historic sites and gardens, staff at these organisations with an educational background as art historians, restorers, geographers, cultural managers, architects, etc.)
2. researchers and engineers working in the sector of geoinformation with direct access to EO data
3. training providers linked to the CH sector (e.g. staff at the training academies of the monument conservation bodies in Germany, Italy and Cyprus, staff of the training academies of the churches, highly-specialised private training companies)

Invitation for participation

- Let's network
- Please give me your business cards
- Please forward your good practices to satcult@media-k.eu



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Thank you for your kind attention!

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