


# CRITERION service

## Summary

CRITERION provides high resolution short-term and seasonal forecasts for UNESCO cultural heritage monuments in Greece.

Sponsor	Project	Soluti provi
<div></div> <div>The e-shape project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement 82085</div>	<div></div>	<div></div>

## Taxonomy

Infrastructure & transport => Travel & tourism

Environmental, climate & health => Meteo & climate

## User profile

The Institute of SETE-INSETI is a non-profit organisation founded in early 2013, on the initiative of the Greek Tourism Confederation (SETI). The Institute's aim is to contribute, through substantiated interventions, to the promotion of public and private policies for the reinforcement and enhancement of the Greek tourism sector, along with any other sector that is directly or indirectly associated with it.



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## Service description

The Research Centre for Atmospheric Physics and Climatology of the AA (<http://www.academyofathens.gr/en/research/centers/climate>) is addressing both global and regional climate changes in different space and time scales. The Centre has established collaborations with many European Research Centers as well as Greek Institutions and Ministries. It focuses on climate and air quality processes at global and local scales through both observational analyses from satellite and surface platforms and climate modelling studies. Simulations are performed under varying scenarios of future greenhouse gas changes in order to facilitate the initialization of analyses related to mitigation and adaptation strategies. The scientists at the Centre have long been working in changes in ozone and climate change, as well as on the interdisciplinary interactions between ozone, climate and chemistry.

## Customer experience

*"The UNESCO weather website is very useful for our guests and generally for the touristic industry because it makes it very easy and convenient to check the weather forecast for the UNESCO sites"*

## Need

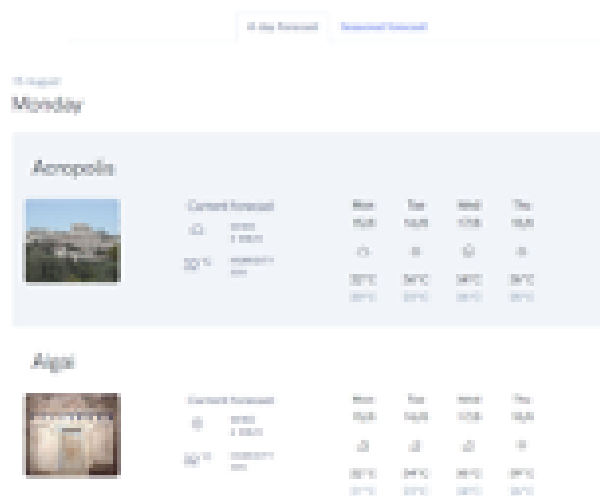
Tourists, travellers and tourism sector stakeholders need information on the short-term and seasonal-climatic conditions for scheduling their vacations and business plans. CRITERION provides this information tailored to specific UNESCO cultural heritage monuments in Greece.

## Challenges

- Local climatic peculiarities that the tourists should be informed before arriving to a monument.
- Increase the site traffic so as to inform more tourists is still challenging.

## Results

- The aim of the platform is to create an overall user-friendly platform and make the touristic experience more comfortable and exceptional. The service can be expanded to include more destinations in Greece based on user needs and requirements.
- Raise awareness of the stakeholders interested in the touristic and transport sector to adopt more sustainable ways and increase their climate resilience.
- Inform tourism stakeholders concerning current trends, future climatic conditions and their impacts to seasonal tourism and the alterations of touristic season adapted to climate change.



## References

Learn more about the service: <https://unesco-weather.gr/>

Learn more about e-shape: [www.e-shape.eu](http://www.e-shape.eu)

A question? Contact the Helpdesk: <https://helpdesk.e-shape.eu>