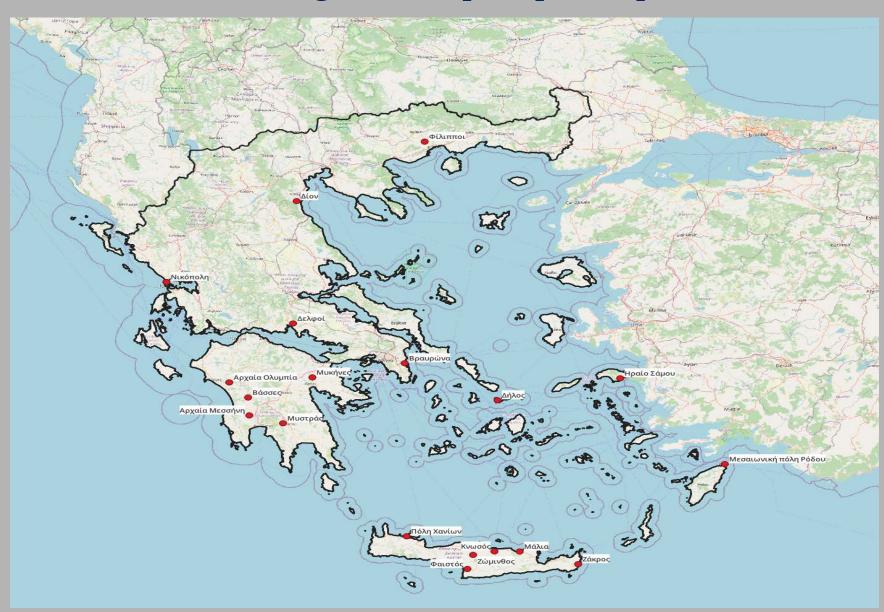


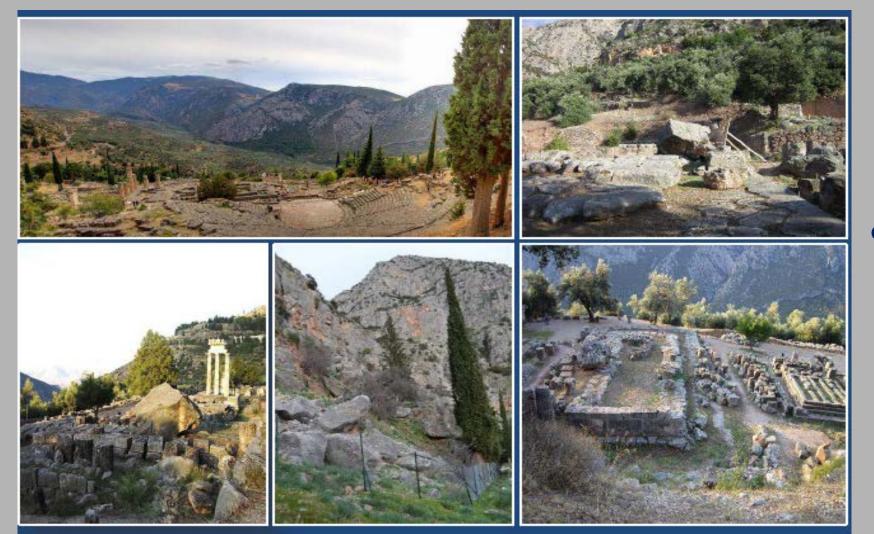
Enhancing Resilience of Cultural Heritage Sites in Greece: lessons learnt from initiatives undertaken by the Ministry of Culture of the Hellenic Republic

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Initiative #1. Define vulnerability for archaeological sites and monuments to climate change – Develop adaptation plans



Initiative #2. Promote proactive technical works for 5 archaeological sites

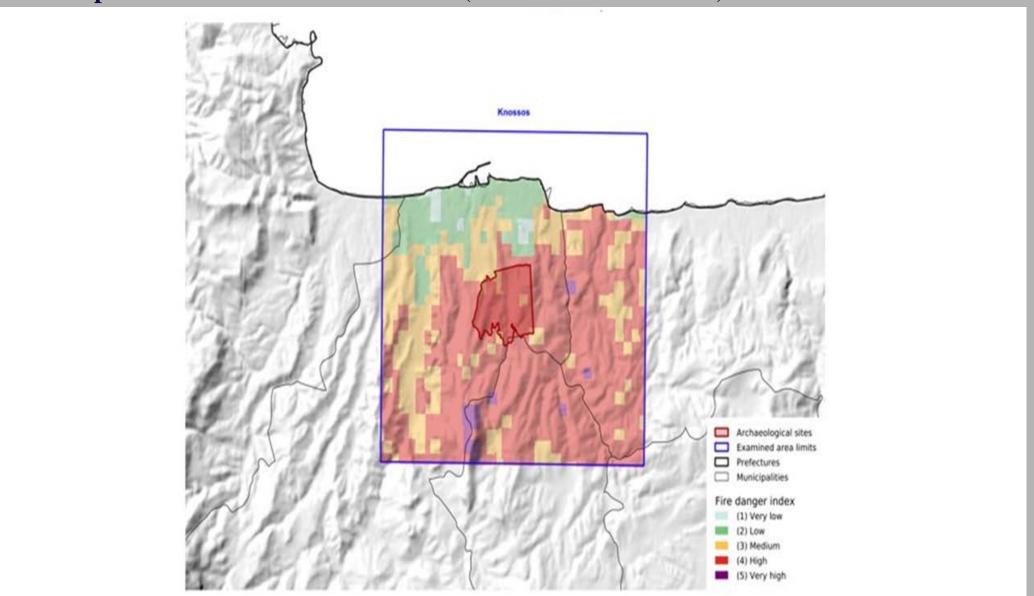


Countermeasures against rock falls in Delphi

Flood protection works at Dion



Initiative #3: Enhance the resilience dimension for the management plans of UNESCO sites for present and future climate risks (forest fires and floods)



Knossos

Initiative #4: Cooperation with the Ministry of Climate Crisis and Civil Protection for the implementation of <u>proactive measures</u> for over 30 archaeological sites that demonstrate high climate risk for forest fires

- Improvement of the passive and active fire prevention systems within the archaeological area.
- Back-up systems for power supply.
- Instalment of watering systems in the vicinity of the archaeological sites.
- Fire propagation modelling/sensors in the visible and thermal infrared
- Fire drills
- Evacuation plans for visitors and workers.

• LESSONS LEARNT

- There is a need to refine the criteria for ecosystems in order to also refer to the concentration, continuity and integrity of the cultural heritage.
- The strong variation in climate vulnerability by location requires a site-based analysis.

An adaptation plan cannot be applied indiscreetly at all sites

- Monitor how climate change and the socio-economic changes may impact the communities which support the conservation of cultural heritage.
- Exhaust all efforts to promote **adaptation on site** to respect the immoveable concept and **avoid the loss of cultural memory**.
- Communicate **local knowledge** in adaptation.
- Take note that adaptation is not limitless.