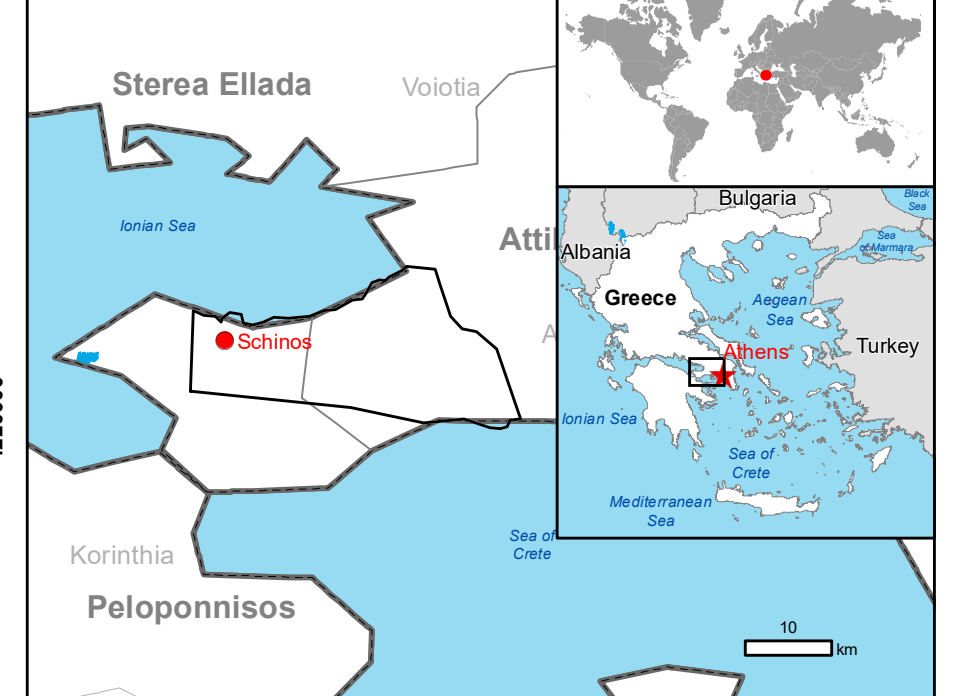


GLIDE number: N/A  
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Activation ID: EMSR510  
Product N.: 01SCHINOS, v1

## SCHINOS - GREECE

Wildfire - Situation as of 22/05/2021  
Delineation MONIT01 - Overview map 01



### Cartographic Information

1:46000  
Full color A1, 200 dpi resolution

0 0.75 1.5 2.25 3 Km

Grid: WGS 1984 UTM Zone 34N map coordinate system  
Tick marks: WGS 84 geographical coordinate system

### Legend

- Crisis Information**
  - Burnt Area
  - Area of Interest
  - Not Analysed
- General Information**
  - Administrative boundaries
  - Placenames
  - Built-Up Area
- Hydrography**
  - Coastline
  - Stream
  - Lake
  - Land Subject to Inundation
- Facilities**
  - Berthing Structure
  - Power plant construction
  - Sport and recreation constructions
  - Breakwater
- Transportation**
  - Highway
  - Primary Road
  - Secondary Road
  - Local Road
  - Cart Track
  - Long-distance railway
- Physiography & Land Use - Land Cover**
  - Features available in the vector package

Consequences within the AOI		List of consequences		Affected	Total in AOI
Burnt area	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375
Population	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375
Infrastructure	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375
Primary Road	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375
Secondary Road	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375
Local Road	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375
Cart Track	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375
Long-distance railway	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375
Facilities	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375
Construction for mining or extraction	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375
Sport and recreation constructions	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375
Berthing Structure	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375
Land use	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375
Intensive agricultural area	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375
Forest	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375
Open spaces with little or no vegetation	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375
Road network	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375
Other	km <sup>2</sup>	Number of inhabitants	km <sup>2</sup>	275	5,375

### Map Information

A large wildfire burning large areas of pine forest in the area of Schinos, in Corinthia prefecture, broke out on Wednesday evening, the 19 May 2021. The fire is still active on several fronts with the settlements of Schinos, Agia Sofia, Varnakes, Mavrolimni, Alkophori and two monasteries being evacuated. Preliminary reports say that the wildfire has caused damage to several homes. The firefighting resources are considerable with 192 firefighters using 68 fire engines, 3 helicopters and 11 planes battling the blaze. The Copernicus EMS Rapid Mapping service is requested to provide First Estimate, Delineation and Grading products.

The present map shows the fire delineation in the area of Schinos (Greece). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The scale of analysis is 1:10000. The estimated geometric accuracy (RMSE) is 3.0 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 225 sq m.

### Relevant date records (UTC)

Event	19/05/2021 23:00	Situation as of	22/05/2021 08:37
Activation	20/05/2021 08:24	Map production	22/05/2021

### Data sources

Pre-event image: Pleiades-1B © CNES (2021), distributed by Airbus DS (acquired on the 30/04/2021 at 09:24 UTC, GSD 0.5 m, approx. 0.0% cloud coverage in AoI, 15.2° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.  
Pleiades-1A © CNES (2020), distributed by Airbus DS (acquired on the 14/05/2020 at 09:23 UTC, GSD 0.5 m, approx. 0.0% cloud coverage in AoI, 14.5° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.  
Post-event image: SPOT7 © Airbus DS (2021), (acquired on 22/05/2021 at 08:37 UTC, GSD 1.5 m, approx. 3.5% cloud coverage in AoI, 31.5° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2021), Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 © EuroGeographics, refined by the producer.  
Inset maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.

Population data: GH5 Population Grid © European Commission, 2019  
https://ghel.jrc.ec.europa.eu/ghs\_pop2019.php  
Digital Elevation Model: COP-DEM-EEA-10-R product © DLR e.V. (2014-2018) and © Airbus Defence and Space GmbH (2020) provided under COPERNICUS by the European Union and ESA, all rights reserved.

### Disclaimer

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Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles, Google Earth KML, GeoJSON).

Map produced by ITHACA released by e-GEOS (ODO).

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