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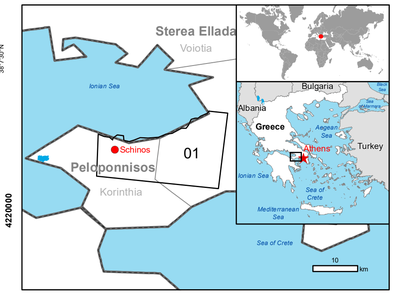
Activation ID: EMSR510
Product N.: 01SCHINOS, v1

SCHINOS - GREECE

Wildfire - Situation as of 23/05/2021

Grading - Overview map 01



Cartographic Information

Full color A1, 200 dpi resolution

1:46000

0 0.75 1.5 3 km

N

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

Legend

Crisis Information

Built Up Grading
- Possibly damaged

Transportation Grading
- Road, Possibly damaged
- Highway, No visible damage
- Primary Road, No visible damage
- Secondary Road, No visible damage
- Local Road, No visible damage
- Cart Track, No visible damage
- Long-distance railway, No visible damage

Land Use-Cover Grading
- Destroyed
- Damaged
- Possibly damaged

General Information
- Area of Interest

Administrative boundaries
- Municipality

Placenames
- Placename

Hydrography
- Coastline
- Stream
- Lake
- Land Subject to Inundation

Physiography
Features available in the vector package

Consequences within the AOI			Unit of measurement	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Burnt area			ha					6,964.2
Estimated population			Number of inhabitants				279	5,307
Built-up		Residential Buildings	No.	0	0	399	399	399
Transportation	Highways		km	0.0	0.0	0.0	0.0	21.0
	Primary Road		km	0.0	0.0	6.0	6.0	44.4
	Secondary Road		km	0.0	0.0	4.1	4.1	70.1
	Local Road		km	0.0	0.0	0.8	0.8	229.3
	Cart Track		km	0.0	0.0	33.4	33.4	522.6
	Long-distance railways		km	0.0	0.0	0.0	0.0	28.7
Land use	Arable land		ha	0.7	18.6	11.1	30.5	380.9
	Permanent crops		ha	42.7	193.9	101.8	338.4	2,581.0
	Heterogeneous agricultural areas		ha	116.8	569.4	271.1	957.3	4,593.5
	Forests		ha	1,515.7	2,397.9	424.5	4,338.1	12,721.6
	Shrub and/or herbaceous vegetation association		ha	533.2	567.9	122.8	1,243.9	6,319.8
	Open spaces with little or no vegetation		ha	0.3	4.5	11.1	16.0	140.5
	Inland wetlands		ha	0.0	0.0	0.0	0.0	3.2
	Other		ha	5.3	23.9	10.8	40.0	1,264.7

* Presence of damage proxies and proximity with destroyed/damaged asset
** Sum of Destroyed, Damaged and Possibly damaged

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 Sotira, Vamvakes, Mavrolimni, Alepochori 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 grading 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	23/05/2021 08:31
Activation	20/05/2021 08:24	Map production	24/05/2021

Data sources

Pre-event image: Pléiades-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.
Pléiades-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.
Sentinel-2A (2021) (acquired on 18/05/2021 at 09:23 UTC, GSD 10.0 m, approx. 0% cloud coverage in AoI, 0° off-nadir angle) provided under COPERNICUS by the European Union and ESA.
Post-event image: SPOT7 © Airbus DS (2021), (acquired on 23/05/2021 at 08:31 UTC, GSD 1.5 m, approx. 0% cloud coverage in AoI, 45.1° 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: GHS Population Grid © European Commission, 2019 https://ghsl.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.

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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).

For the latest version of this map and related products visit
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