

JRC Dataset

Post Matthew monitoring on rural areas, South Region of Haiti (2018-05-16)

Description:

Activation date: 2018-05-16

Event type: Storm

Activation reason:

Support monitoring of recovery after the passage of the Category 5 Hurricane Matthew on the 4th of October 2016. Six areas were selected to analyse several environmental aspects, including agricultural activities, forest in protected areas, mangrove areas, and finally coastline modifications. The geographical focus of this work is the Western area of the Grand'Anse, Haiti, which was severely affected. The aim is to build a comprehensive database to support recovery aid organizations in recovery monitoring of the critical resources destroyed. This information is to be used by local governmental organisation and users. Proposed solution and results: Map of tree-cover before and after Hurricane Matthew and, documenting damage assessment for parklands and mangroves areas. Map agricultural activities before and after Hurricane Matthew including landscape changes within agricultural areas. Map the coastline before and after Hurricane Matthew to indicate coastal erosion due to the wave action of the storm.

How to cite:

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Keywords:

Copernicus, Copernicus Emergency Management Service Risk and Recovery Mapping Activation, Copernicus Service, EMS, EMSN051, Emergency, Emergency Management, HTI, Haiti, Mapping, Orthoimagery, Risk and Recovery Mapping, Storm

Related resources:

Data access

Copernicus EMS Risk and Recovery Mapping Activation [EMSN051]: Post Matthew monitoring on rural areas, South Region of Haiti (2018-05-16)

Maps produced in scope of this Copernicus EMS Risk and Recovery Mapping activation downloadable as georeferenced PDFs, TIFFs and JPEGs together with relevant geodatabase (GDB) and complete final report as well.

<http://emergency.copernicus.eu/EMSN051>

Additional information:

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EuroVoc domain(s): 72 GEOGRAPHY

Identifier: <http://data.europa.eu/89h/2c2d0edf-74f3-49ad-96a7-0a5b654d3f80>

Geographic information:

Lineage: No additional information

Geographic bounding box: 18.6891063703° N, -73.6358515827° E, 18.0016939499° S, -74.5082615787° W

Coordinate Reference System: ETRS89 / LAEA Europe