PrimeWater

# H2020-SPACE-2019
# Research and Innovation Action

## DESIS_derived water quality parameters

*P_it-mulargia_yyyyMMdd_DESIS.tif*

The project has received funding from the European Union's Horizon 2020.
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European Commission

# General

## Description

**This dataset contains DESIS-derived water quality (WQ) products of Lake Mulargia (Sardinia, Italy) for the 17 August 2020. Available parameters are: True-color image (RGB), Colored Dissolved Organic Matter (CDOM), Chlorophyll-a (CHL), and Suspended Particulate Matter (SPM). WQ parameters have been calculated using CNR's bio-optical model BOMBER parameterized with the inherent optical properties specific of the case study. The data are available as GeoTiff files in WGS 84 / UTM zone 32N (EPSG: 32632). DESIS data courtesy of the German Aerospace Center (DLR, 2020).**

## Parameters

**True-color image (RGB)**
**Colored Dissolved Organic Matter (CDOM)**
**Chlorophyll-a (CHL)**
**Suspended Particulate Matter (SPM)**

## Unit

**depend on products**

## Coordinate reference systems

**WGS 84 / UTM zone 32N (EPSG: 32632)**

## Data type

**GeoTIFF**

## Keywords

**Remote_Sensing, DESIS**

## Public repository link

**https://zenodo.org/record/5418071#.YT8LGhnivIU**

## Contact

**CNR**

# Dataset coverage

## Spatial coverage

## Spatial resolution

**5m-30m**

## Temporal coverage

**2019 - today**

## Temporal resolution

**Occasionally**

# Usage

## License conditions

**CC-BY-4.0**

## Citations and Acknowledgements

## Scientific Citations

# Lineage statement

## Original data source

**DLR**

## Limitations on public access

**Available and public data**

# PrimeWater

EMVIS S.A. | National Research Council of Italy | Swedish Meteorological and Hydrological Institute | EOMAP GmbH & Co.KG | International Water Association | Burgundy School of Business | Ente Acque della Sardegna | US Environmental Protection Agency | Commonwealth Scientific and Industrial Research Organization | Melbourne Water | SatDek

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