



# PrimeWater

**H2020-SPACE-2019**

**Research and Innovation Action**

**EO-derived turbidity for Mulargia and Flumendosa reservoirs using Sentinel 2**

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The project has received funding from the European Union's Horizon 2020.  
Research and Innovation Programme under Grant Agreement No 870497.



## General

### Description

Turbidity is derived from the scattering caused by suspended particles in water and determined by the backward scattering of light between 450 to 800nm.

### Parameters

Turbidity

### Unit

NTU

### Coordinate reference systems

UTM / WGS84

### Data type

GeoTIFF

### Keywords

Remote\_Sensing, Sentinel 2

### Public repository link

<https://zenodo.org/record/6674940>

### Contact

EOMAP

## Dataset coverage

### Spatial coverage

Mulargia and Flumendosa Rerservoir

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### Spatial resolution

10m

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### Temporal coverage

2015 - 2019

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### Temporal resolution

10 days

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## Usage

### License conditions

CC-BY-NC-SA-4.0

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### Citations and Acknowledgements

contains Copernicus data (2020/2021)

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### Scientific Citations

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## Lineage statement

### Original data source

ESA

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### Limitations on public access

Available and public data

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# 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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