



# PrimeWater

**H2020-SPACE-2019**

**Research and Innovation Action**

**EO-based chlorophyll-a values from Sentinel-2 and Landsat-8**

*input*

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



## General

### Description

EO-based chlorophyll-a values from Sentinel-2/Landsat-8. Contains the original raster dataset and the timeseries resampled at the computational grid of the 3D water quality model

### Parameters

Chlorophyll-a

### Unit

µg/l

### Coordinate reference systems

WGS 84 / UTM 16 N

### Data type

.txt

### Keywords

Water\_Quality, Simulated

### Public repository link

<https://doi.org/10.5281/zenodo.7957034>

### Contact

N/A  
EMVIS

## Dataset coverage

### Spatial coverage

reservoir

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### Spatial resolution

10x10m<sup>2</sup> Sentinel-2, 30x30m<sup>2</sup> Landsat-8, resampled to the 150x150m<sup>2</sup> Delft3D model grid

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### Temporal coverage

2015-2022

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### Temporal resolution

Occasionally

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## Usage

### License conditions

CC-BY-4.0

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### Citations and Acknowledgements

Original EO dataset obtained by EOMAP and curated by EMVIS for the needs of experiment B2.

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### Scientific Citations

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## Lineage statement

### Original data source

EOMAP

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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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