



PrimeWater

H2020-SPACE-2019

Research and Innovation Action

Simulated chlorophyll-a concentrations for Mulargia reservoir using Random Forests

PrimeWaterExp01.h5

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



General

Description

This dataset provides predicted chl-a concentrations at a specific point of interest of Lake Mulargia (Sardinia, Italy). Predictions are provided by a Random Forest model trained on chl-a concentrations retrieved from multispectral satellite imagery. Training data cover the period 2015-2019.

Parameters

Chl-a

Unit

µg/l

Coordinate reference systems

Data type

HDF5

Keywords

Water_Quality, Simulated

Public repository link

<https://zenodo.org/record/7780519>

Contact

EMVIS

Dataset coverage

Spatial coverage

Point predictions

Spatial resolution

Point measurement

Temporal coverage

2015 - 2019

Temporal resolution

Occasionally

Usage

License conditions

CC-BY-NC-SA-4.0

Citations and Acknowledgements

Scientific Citations

Lineage statement

Original data source

Lineage statement

EMVIS

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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