PrimeWater

H2020-SPACE-2019
Research and Innovation Action

EO-derived Secchi disk depth for Mulargia and Flumendosa reservoirs using Sentinel 2

SDD_it-sardinia_EOMAP_yyyyMMdd_hhmmss_SENT2_m0030_32bit.tif

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

European Commission

General

Description

Secchi Disc Depth or transparency indicates the clarity of the water column. The related measure of Secchi Depth (measured with a Secchi Disc) is a common parameter in water quality analysis.

Parameters

Secchi disk depth

Unit

m

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

Spatial resolution

10m

Temporal coverage

2015 - 2019

Temporal resolution

10 days

Usage

License conditions

CC-BY-NC-SA-4.0

Citations and Acknowledgements

contains Copernicus data (2020/2021)

Scientific Citations

Lineage statement

Original data source

ESA

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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