PrimeWater

H2020-SPACE-2019
Research and Innovation Action

EO-derived turbidity for Mulargia and Flumendosa reservoirs using Landsat 8

TUR_it-sardinia_EOMAP_yyyyMMdd_hhmmss_LSAT8_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

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, Landsat 8

Public repository link

https://zenodo.org/record/6674940

Contact

EOMAP

Dataset coverage

Spatial coverage

Mulargia and Flumendosa Rerservoir

Spatial resolution

30m

Temporal coverage

2015 - 2019

Temporal resolution

8 days

Usage

License conditions

CC-BY-NC-SA-4.0

Citations and Acknowledgements

Landsat 8 imagery courtesy of the U.S. Geological Survey

Scientific Citations

Lineage statement

Original data source

USGS

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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