PrimeWater

H2020-SPACE-2019
Research and Innovation Action

Simulated chlorophyll-a concentrations for William H Harsha Lake 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 two areas of interest of Lake Harsha (Ohio, US). Predictions are provided from a Random Forest model trained on chl-a concentrations retrieved from multispectral satellite imagery. Training data cove

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-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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European Commission