PrimeWater

H2020-SPACE-2019
Research and Innovation Action

Corrected surface water temperatures using Gaussian Regression Process and process-based hydrodynamic models

PrimeWaterExpB4.h5

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

This dataset provides corrected predictions of surface water temperature of Lake Harsha (Ohio, US) for year 2019. Corrected predictions are provided by a hybrid modeling approach that combines (a) a process-based hydrodynamic model of the lake and (b) a G

Parameters

Surface water temperature

Unit

oC

Coordinate reference systems

Data type

HDF5

Keywords

Water_Quality, Simulated

Public repository link

https://zenodo.org/record/7900605

Contact

EMVIS

Dataset coverage

Spatial coverage

Lake Harsha

Spatial resolution

60 m

Temporal coverage

2019

Temporal resolution

Daily

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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