# PrimeWater

# H2020-SPACE-2019
# Research and Innovation Action

**Corrected surface water temperatures using Random Forests and process-based hydrodynamic models**

*PrimeWaterExpB4.h5*

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 R

### 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

### 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

European Commission