



PrimeWater

H2020-SPACE-2019

Research and Innovation Action

Hydrological forecasts for Mulargia reservoir (Exp01)

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

Ten-day ahead hydrological forecasts for (a) total inflows, (b) total nitrogen concentrations, and (c) total phosphorus concentrations from upstream catchments. Expired forecasts cover the historical period 2015-2018 and refer to the upstream catchments of Mulargia reservoir.

Parameters

total inflows
total nitrogen concentrations
total phosphorus concentrations from upstream catchment

Unit

total inflows (m³ s⁻¹)
total nitrogen concentrations (µg/L)
total phosphorus concentrations from upstream catchment (µg/L)

Coordinate reference systems

UTM / WGS86

Data type

netCDF

Keywords

Hydrology, Simulated

Public repository link

<https://zenodo.org/record/7780519>

Contact

EMVIS

Dataset coverage

Spatial coverage

Extent (top, left, down, right): 39.7,9.2,39.6,9.7

Spatial resolution

Temporal coverage

01/01/2015 - 31/10/2020

Temporal resolution

daily

Usage

License conditions

CC-BY-NC-SA-4.0

Citations and Acknowledgements

The Hydrological data have been available by SMHI within the framework of the project.

Scientific Citations

Lineage statement

Original data source

SMHI

Limitations on public access

Accessible and confidential 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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