PrimeWater

H2020-SPACE-2019
Research and Innovation Action

Mulargia-HYPE simulated data of total nitrogen concentrations in outflow from subbasin (Flumendosa)

Flumendosa_CCTN.txt

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

simulated concentration of total nitrogen species in outflow from outlet lake/subbasin

Parameters

simulated concentration of total N in outflow from subbasin

Unit

µg Tot-N/L

Coordinate reference systems

WGS 84 (EPSG: 4326)

Data type

.txt

Keywords

Hydrology, Simulated

Public repository link

https://zenodo.org/record/7828538

Contact

Ilias Pechlivanidis, Jude Musuuza
SMHI

Dataset coverage

Spatial coverage

entire case study / river system

Spatial resolution

subbasins

Temporal coverage

01/01/2015 - 31/10/2020

Temporal resolution

daily

Usage

License conditions

CC-BY-SA-4.0

Citations and Acknowledgements

The HYPE model code is available from the HYPEweb portal (http://hypeweb.smhi.se/model-water/). Historical values are obtained through HYPE services developed for the PrimeWater project and could become availabe upon request through https://hypeweb.smhi.se/water-services/data-delivery-services/

Scientific Citations

Arheimer, B., Pimentel, R., Isberg, K., Crochemore, L., Andersson, J. C. M., Hasan, A., and Pineda, L.: Global catchment modelling using World-Wide HYPE (WWH), open data, and stepwise parameter estimation, Hydrol. Earth Syst. Sci., 24, 535–559, https://doi.org/10.5194/hess-24-535-2020, 2020. Hundecha, Y., Arheimer, B., Donnelly, C., & Pechlivanidis, I. (2016). A regional parameter estimation scheme for a pan-European multi-basin model. Journal of Hydrology: Regional Studies, 6. https://doi.org/10.1016/j.ejrh.2016.04.002

Lineage statement

Original data source

SMHI's operational service

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

The project has received funding from the European Union's Horizon 2020. Research and Innovation Programme under Grant Agreement No 870497.

European Commission