



PrimeWater

H2020-SPACE-2019

Research and Innovation Action

Mulargia-HYPE simulated data of total suspended sediment concentrations in outflow from subbasin (Mulargia)

Mulargia_CCTS.txt

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



General

Description

computed total suspended sediment concentration in outflow from outlet lake/subbasin

Parameters

Computed total suspended sediment (TS) concentration in outflow from subbasin

Unit

mg TotSuspSed/L

Coordinate reference systems

WGS 84 (EPSG: 4326)

Data type

.txt

Keywords

Hydrology, Simulated

Public repository link

<https://zenodo.org/record/7964897>

Contact

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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 available 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

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