



# PrimeWater

**H2020-SPACE-2019**

**Research and Innovation Action**

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

*Mulargia\_CCSS.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 suspended sediment concentration in outflow from outlet lake/subbasin

### Parameters

Computed suspended sediment (SS) concentration from subbasin

### Unit

mg SuspSed/L

### Coordinate reference systems

WGS 84 (EPSG: 4326)

### Data type

.txt

### Keywords

Hydrology, Simulated

### Public repository link

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

### 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 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

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

