



PrimeWater

H2020-SPACE-2019

Research and Innovation Action

EO-derived potential evapotranspiration using MODIS

xobs.nc

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



General

Description

earth observations of potential evapotranspiration over the river system

Parameters

Potential ET (PET)

Unit

mm per day

Coordinate reference systems

WGS 84 (EPSG: 4326)

Data type

.nc

Keywords

Remote_Sensing, NASA MODIS

Public repository link

<https://zenodo.org/record/7835515>

Contact

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SMHI

Dataset coverage

Spatial coverage

entire case study / river system

Spatial resolution

500 m

Temporal coverage

Daily from 8-day Aggregate 2001-2020

Temporal resolution

Daily from 8-day Aggregate

Usage

License conditions

CC-BY-SA-4.0

Citations and Acknowledgements

Mu, Q., Zhao, M., and Running, S. W.: Improvements to a MODIS global terrestrial evapotranspiration algorithm, *Remote Sens. Environ.*, 115, 1781–1800, doi:10.1016/j.rse.2011.02.019, 2011.

Scientific Citations

Lineage statement

Original data source

NASA MODIS

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



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