H2020-SPACE-2019
Research and Innovation Action

EO-derived actual evapotranspiration using MODIS

xobs.nc

European Commission

General

Description

earth observations of actual evapotranspiration over the river system

Parameters

Actual ET (AET)

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

Ilias Pechlivanidis, Jude Musuuza
SMHI

Dataset coverage

Spatial coverage

entire case study / river system

Spatial resolution

500 m

Temporal coverage

Daily from 8-day Aggregate2001-2020

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. En- viron., 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 | SatDek