Project ID: 10252001

AdriaClim

Climate change information, monitoring and
management tools for adaptation strategies inAdriatic
coastal areas

D3.3.2-D3.3.3
Quality Control of the observations and validation ofthe
modelling systems
PP12 - ISPRA

June 2022

Table of contents

History

Name/organization	Date	Comments
ISPRA (Morucci S., F. Crosato, Marco Picone)	30/06/2023	Final Version

D.3.3.2 North Adriatic LOD sea level time series (RMLV), validated historical time series related to meteo-marine parameters, such as sea level, atmospheric pressure and wind

Partners providing information: ISPRA

Comment:

Time series of data coming from of North Adriatic and Venice Lagoon Sea Level Monitoring Network (RMLV-ISPRA) have been provided in Linked Open Data format (LOD) as for sea level parameter as well as for atmospheric pressure and wind, for the period of availability ranging from 1992-2021. We have been referred to the following stations:

Sea Level:

Punta della Salute, Caorle, Grado, Lido Diga Sud, Malamocco Diga Nord, Chioggia Diga Sud e Porto Caleri

Atmospheric Pressure:

Lido Meteo, Foce Po

Wind speed and direction:

Piattaforma CNR, Foce Po

Here are report examples of link related to metada for the measurement stations:

Punta della Salute

https://dati.isprambiente.it/ld/rmlv/platform/rmlv01_00/html

Lido Diga Sud

https://dati.isprambiente.it/ld/rmlv/observationcollection/rmlv02_hydrometriclevel_199008/html

and Foce Po

https://dati.isprambiente.it/ld/rmlv/observationcollection/rmlv10_airpres_200708/html

The generic link to find time series in csv format is given by

https://rep.isprambiente.it/file/rmlv/*<nomestazione>*_hydrometric.*<YYYYMM>*.csv

where

<nomestazione> is the name of the station

"punta-della-salute", "lido-diga-sud", "malamocco-diga-nord", "chioggia-diga-sud", "caorle", "grado", "porto-caleri"

and

<YYYYMM> is the date *yearmonth* depending on the station

This is a specific example referred to August 1990 at Lido Diga Sud:

https://rep.isprambiente.it/file/rmlv/lido-diga-sud_hydrometric.199008.csv

These time series have been also uploaded in ERDDAP architecture and are available at the following link:

https://erddap-adriaclim.cmcc-opa.eu/erddap/info/

D.3.3.3 QC datasets of new observations

Partners providing information: ISPRA

Comment:

Time series provided by the three new tide gauges installed in the framework of AdriaClim project inside the lagoons of Porto Caleri, Sacca degli Scardovari, Sacca del Canarin, are still available at the following link https://www.venezia.isprambiente.it/ as for sea level as well as for meteorological parameters such as wind and atmospheric pressure.

Sea level data have been controlled with an automatic quality check, and a second check will be performed after at least one year of data collection, while meteorological ones have been already completely checked.

They are going to be uploaded also in ERDDAP architecture.