



AG-WaMED | Advancing non conventional water management for innovative climate-resilient water governance in the Mediterranean Area

Grant Agreement Number: 391 del 20/10/2022

Deliverable 6.3.5

AG-WaMED Open-source dataset report

Partnership for Research and Innovation in the Mediterranean Area Programme (PRIMA)

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Deliverable Identification

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Abstract	The present report is produced as deliverable n.5 of the task 6.3 of AG-WaMED. D6.3.5 provides a brief overview of the created open-source project database.		
Key words	Zenodo, SWAT, MODFLOW, SWAT+, WATNEEDS, WAAPA, dataset		
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Introduction

The present deliverable is inserted in Task 6.3 “T6.3 Dissemination to the scientific community”. The task foresaw the development of:

- 4 peer-review open-access scientific papers on the project results
- Organization of 3 online masterclasses to present the on-going activities and results of the project
- Organization and participation in conferences, workshops, webinars and meetings at regional, national, and international level.
- Release of all experimental data as an open-source dataset (Zenodo or GitHub) (in connection with the European Partnership Agriculture of data and or MEL).

In particular, this deliverable marks the creation of the open-source dataset as described below.

Dataset creation and contents

The structure and the information of the dataset were discussed during the last project meeting in Madrid on the 11th of June 2025. After a presentation prepared by the UNIFI team with a shared proposal for the structure of the dataset with an example of the data used within the Italian Living Lab, the other partners agreed to the general structure and committed to provide the required information taking into account eventual restrictions for data sharing and possible embargo periods before publication.

The dataset was created on 31/08/2025 on the Zenodo platform (Fig. 1). Zenodo is a general-purpose open repository developed under the European OpenAIRE program and operated by CERN. It allows researchers to deposit research papers, data sets, research software, reports, and any other research related digital artefacts. For each submission, a persistent digital object identifier (DOI) is minted, which makes the stored items easily citable. Zenodo is an open access archive widely used by researchers to share data and publications. More information about this platform can be found in the website (<https://about.zenodo.org/infrastructure/>).

The dataset features all the data gathered and produced during the AG-WaMED project. Given the different data used in the project in each living lab and study, only a general and flexible structure was proposed with a “Rough data” folder that includes the input data, a “Model data” folder that includes the output data, and an “info.txt” file to describe the folders’ content and provide additional details. Each partner is responsible for the data uploaded in the dataset (Table 1).

The dataset can be accessed at the following link:

<https://doi.org/10.5281/zenodo.17011794>

Table 1: Folders in the dataset.

Full Name	Model	Scale
Wadi El-kheir&Nagamish Egyptian LL	SWAT+	Egyptian Living Lab
Wadi El Kebir_ Tunisian-Algerian LL_SWAT	SWAT	Algerian/Tunisian Living Lab
Wadi El Kebir_ Tunisian-Algerian LL_MODFLOW	MODFLOW	Algerian/Tunisian Living Lab
Orcia River	SWAT+	Italian Living Lab
Campo de Cartagena Spanish LL_Simpa	SIMPA	Spanish Living Lab
Campo de Cartagena Spanish LL_Aquatool	Aquatool	Spanish Living Lab
WAAPA Mediterranean_SSP3-5	WAAPA	Mediterranean
WAAPA Mediterranean_hist_SSP1	WAAPA	Mediterranean
WATNEEDS Mediterranean	WATNEEDS	Mediterranean

Figure 1: The dataset on Zenodo.

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Dataset
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AG-WaMED PRIMA Project dataset

AG-WaMED PRIMA Project 

Contributors

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This is the public database of the AG-WaMED PRIMA Project (<https://agwamed.eu/>)

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The content of the database reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Files

Versions

Version version 1.0	Aug 31, 2025
10.5281/zenodo.17011794	

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