



# HYDROMET PORTAL SAINT-LUCIA

## Public portal introduction and management

*Wednesday June 28<sup>th</sup>*

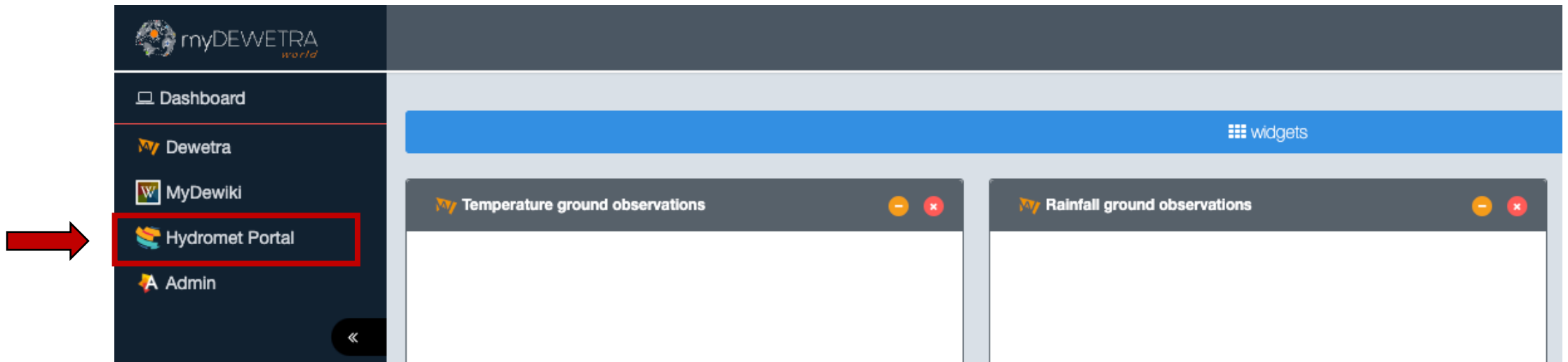
[www.cimafoundation.org](http://www.cimafoundation.org)

To provide access to current **hydrometeorological data and warnings** to the general public, a dedicated portal has been implemented.



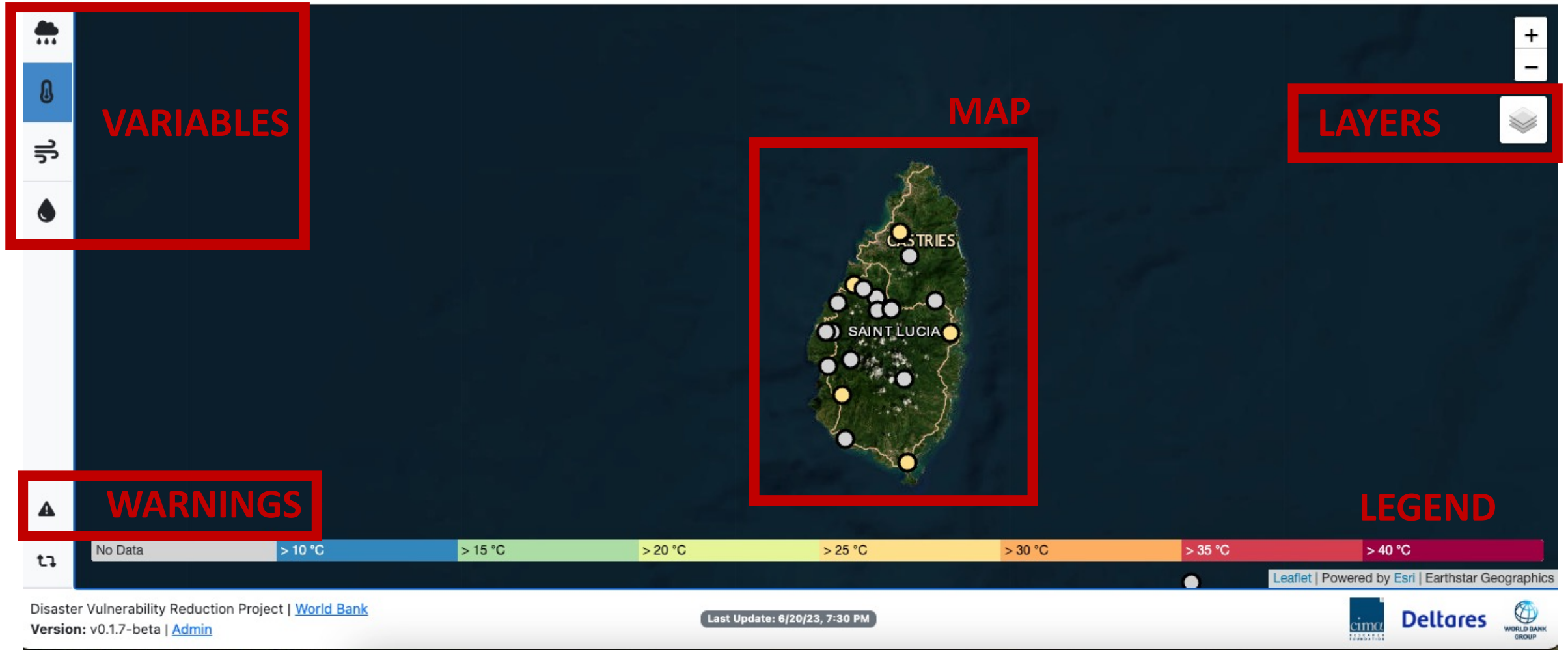
To avoid high-demand on the operational servers, static figures and tables are generated and shared every 30 minutes.

- From the myDEWETRA – frontend – dashboard (access required)

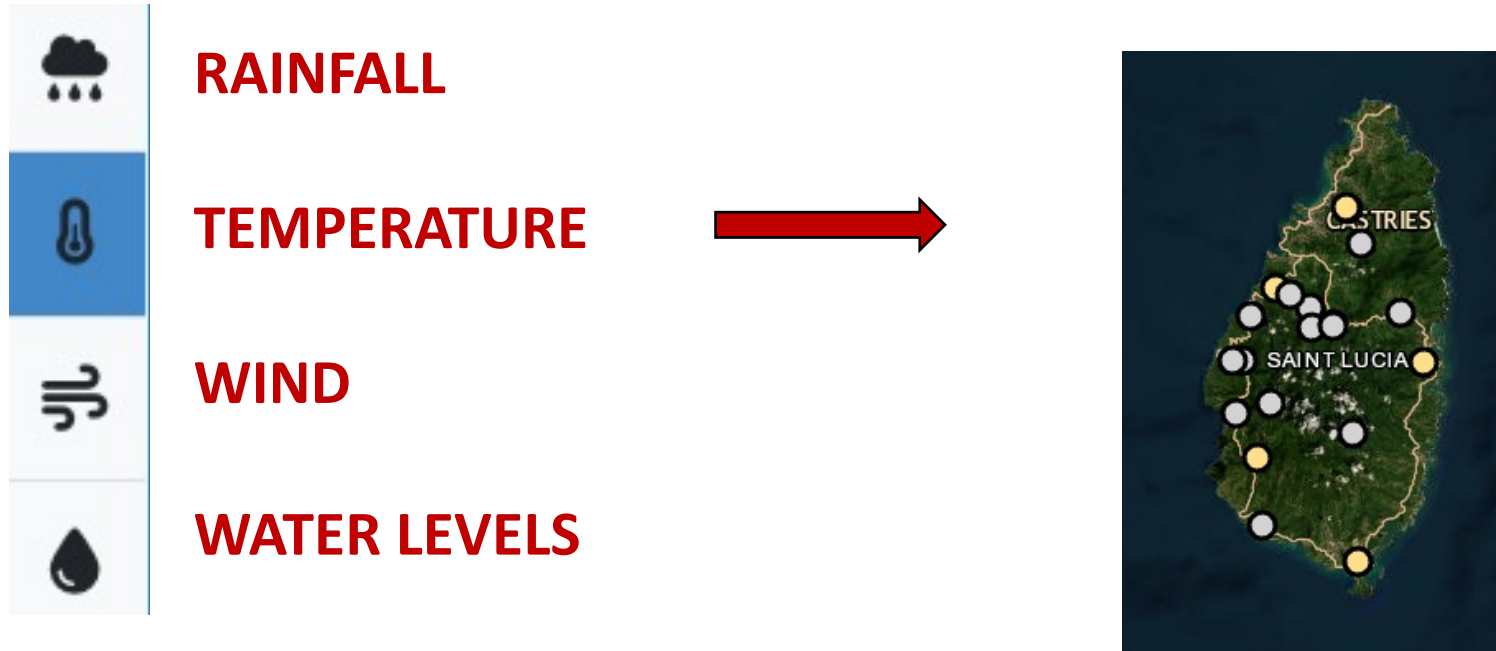


- Directly from the web at:

[https://stlucia.mydewetra.cimafoundation.org/hydromet\\_portal/#/](https://stlucia.mydewetra.cimafoundation.org/hydromet_portal/#/)

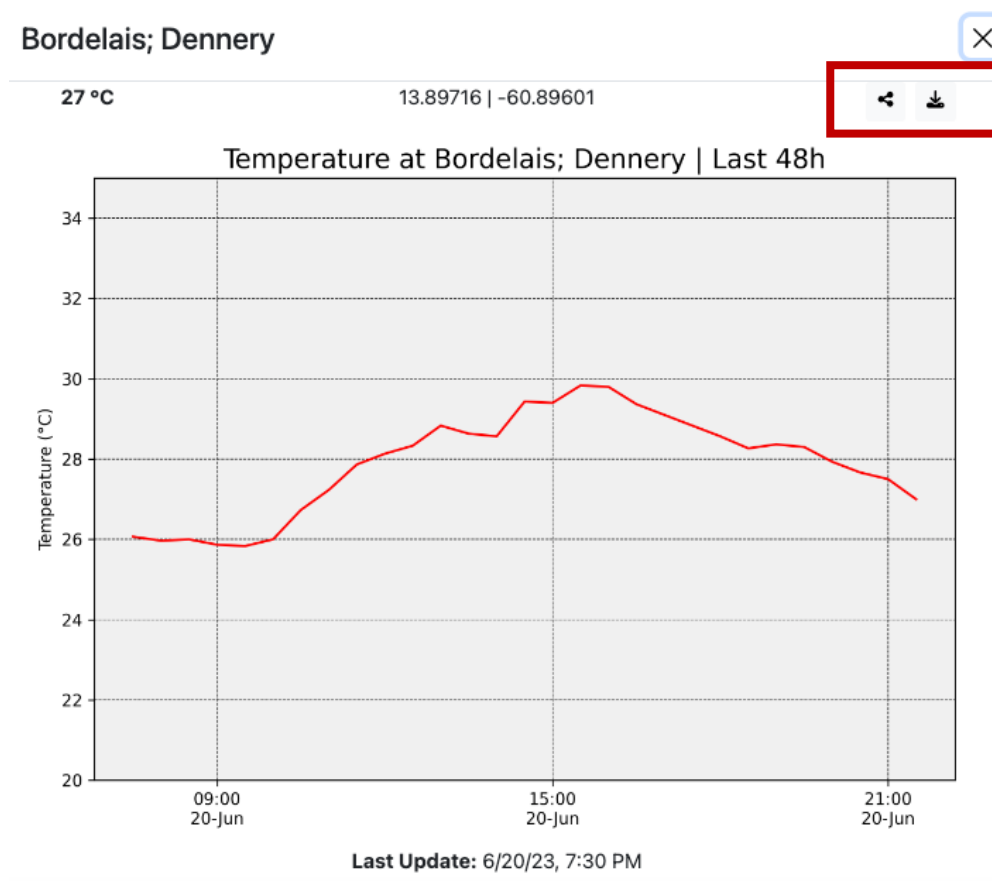


By selecting a variable on the left side, map and legend will automatically update.



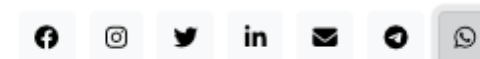
Record points are coloured according to the the last available level, also shown by mouse-over.

By clicking on a specific record point, the plot showing the last 48h observations appears.



Plots can be shared on multiple channels and data can be downloaded as csv table.

Share



Share by Whatsapp

<http://mockup.cimafoundation.org/hydrometportal/#/SI>

Copy Link

The public portal has a dedicated page to share latest warnings and documents, called “feed”.

The screenshot displays the 'HYDROMET PORTAL SAINT LUCIA' interface. On the left, there are two main categories: 'WARNING' (indicated by an orange triangle icon) and 'DOCUMENT' (indicated by a green document icon). The main content area shows a list of items. The first item is titled 'Test di Warning', with a description 'Desc for Warning' and an upload date of 'Jun 20, 2023'. It has a size of '3Kb'. To the right of this item, there is a red box highlighting two icons: a download icon and a share icon, with the text 'SHARE AND DOWNLOAD' next to it. The second item is titled 'Test di Document', with a description 'Desc di document' and an upload date of 'Jun 20, 2023'. It also has a size of '3Kb'. At the bottom of the list, there is a 'Load More' button. The footer includes the text 'Disaster Vulnerability Reduction Project | World Bank' and a URL 'mockup.cimafoundation.org/hydrometportal/#/home'. Logos for 'cimafoundation.org', 'Deltares', and 'WORLD BANK GROUP' are also present.

**WARNING**

**DOCUMENT**

**SHARE AND DOWNLOAD**

Disaster Vulnerability Reduction Project | [World Bank](#)  
mockup.cimafoundation.org/hydrometportal/#/home

[cimafoundation.org](#) [Deltares](#) [WORLD BANK GROUP](#)

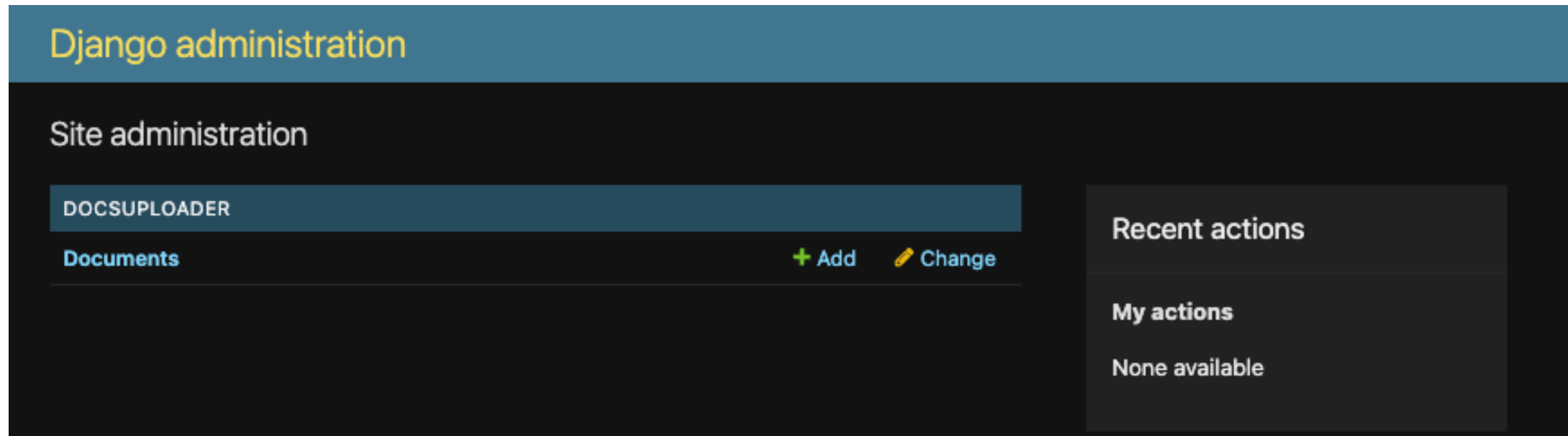
Administrators of the Hydromet portal can manage the public portal.

Specifically by:

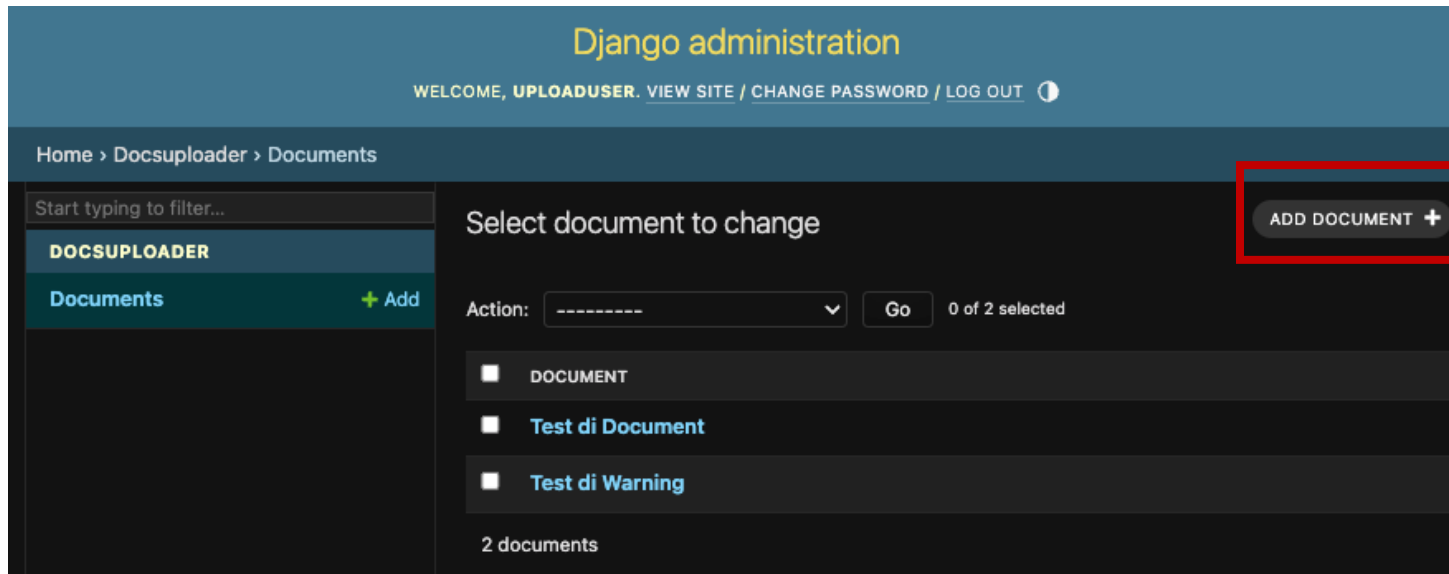
- Uploading new documents/warning
- Changing the configuration of the data plot script

Documents to be visualised in the feed can be added, edited, deleted using a dedicated Django portal, available at:

[https://stlucia.mydewetra.cimafoundation.org/hydromet\\_api/admin/](https://stlucia.mydewetra.cimafoundation.org/hydromet_api/admin/)



Selecting the “Documents” tool, user can add a new document



Document can be added from the local computer. Pdf, Word, PNG and JPEG can be uploaded.

File type can be “warning” or “document”.

The screenshot shows the 'Add document' form. It has fields for 'Name:', 'Desc:', 'Size:', 'DocType:', and 'File:'. The 'Name:' field is a text input. The 'Desc:' field is a large text area. The 'Size:' field is a text input. The 'DocType:' field is a dropdown menu. The 'File:' field has a 'Choose file' button and 'No file chosen' text. At the bottom, there are three buttons: 'SAVE', 'Save and add another', and 'Save and continue editing'.

Basic configuration of the script generating the plots and tables can be changed, working on the dedicated .json file:

*config\_lca.json*

```
{  
  "sensor_type": ["PLUVIOMETRO", "IDROMETRO", "ANEMOMETRO", "TERMOMETRO"],  
  "time_period": 48,  
  "time_frequency": 30,  
  "time_frequency_prec": 60,  
  "output_folder": "output",  
  "save_csv": "True",  
  "time_zone": "America/St_Lucia"  
}
```

Specifically, the desired time period can be defined as well as the aggregation frequency for the different variables (currently, 60 minutes for rainfall, 30 minutes for the others).