# EO4SD Data Portal

<http://www.eo4sd.brockmann-consult.de>

The header of all following pages consists of constant links to the EO4SD website and from there back to the data portal.

## Code

The code is stored in the versioning system GitHub. It is plain HTML that loads fast.

## Start page

The start page consists of the world map, which was also used for the EO4SD brochure.

The different regions are marked by circles which I used to define an HTML image map.

If you click on a circle, you will get to the page of the corresponding region.

* Western Indian Ocean  
  The contained data for the selected region is displayed in a table. The columns of the tables are the same on all pages. Their content is taken from the corresponding metadata XML. The mapping of Metadata to Column Text has been pre-defined by the team.

Example: The content of the Description cell comes from the "abstract" tag in the XML.

If there is long text, it can be folded. All available downloads for an item are contained in one table cell. All linked files are stored in the EO4SD Google Cloud bucket. The type and size of the downloads are also specified, so that the user can decide if he wants to download the file on his particular device. I will speak about devices later on.

If there is data available for the region in the PML GIS portal, an example link to the GIS portal is provided, along with the user guide for the portal. It is an example link, because I chose an arbitrary day. But the user can set the parameters in the portal according to his needs. Use the up arrow to get back to the start page.

West Africa. This page differs from the others, because it had to be subdivided again by countries. The countries for which data are available or will be available are provided with a link. If you click on it, you will get to the corresponding page with the data. The structure is the same as on the other pages. With the arrow pointing to the left you get back to the West Africa map; with the up arrow you get back to the start page, from where you can start again.

Devices: The pages are optimized for mobile devices, which means that the pages fit to the viewport size​ of the respective device.