

EDO MapViewer: overview

Layer list

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en - English

European Drought Products

- Soil moisture
- Precipitation
- Vegetation response
- Drought-related products

Ten-day period: 2012-05, 1st

WFS WCS Combined Drought Indicator

Watch, level 1	level 2	level 3
Warning, level 1	level 2	level 3
Alert, level 1	level 2	level 3
level 4		

No layer selected

From Drought Metadata Catalogue

- National / International Drought Information
- Regional / Local Drought Information
- Tools
- Geographic Background (1)
- Credits

Refresh

Pan/Zoom

Zoom to full extent

Zoom to country/other zooms

Reset

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EDO MapViewer: European Drought Products

Date selection

European Drought Products (1)

- Soil moisture
- Precipitation
- Vegetation response (1)

Y: 2012 M: 12 T: 3rd

fAPAR Archive

0 1

Increasing plant photosynthetic activity

fAPAR Anomaly Archive

- Vegetation Water Content (NDWI) not available
- Vegetation Water Content (NDWI) Anomaly not available
- Vegetation Productivity (fAPAR)
- Vegetation Productivity Anomaly (fAPAR Anomaly)

Drought-related products

Ten-day period: 2012-05, 1st

- WMS WMS Combined Drought Indicator
- No layer selected

From Drought Metadata Catalogue

Overlay the layer in Google Earth

Information on layer (factsheet, webpage)

EDO MapViewer: permanent WMS layers, multi-scale approach

The screenshot displays the EDO MapViewer interface. On the left, a sidebar titled "European Drought Products" lists categories: Soil moisture, Precipitation, Vegetation response, and Drought-related products. Below these, a "Ten-day period" dropdown is set to "2012-05, 1st". There are radio buttons for "WCS", "WCS", and "Combined Drought Indicator", with "No layer selected" currently chosen. A "Drought Metadata Catalogue" section is partially visible. The main map area shows a map of Europe with a color-coded overlay representing drought severity. A toolbar at the top includes navigation and tool icons. A language dropdown is set to "en - English".

Annotations with red arrows point to specific features:

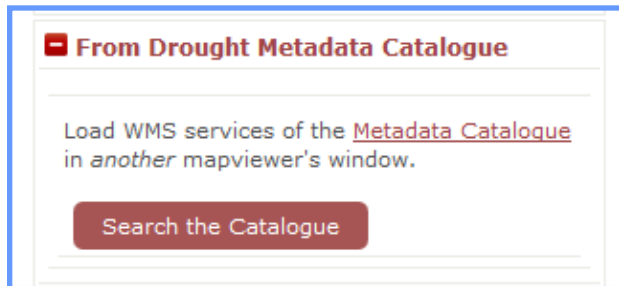
- Provider-side service (e.g. WCS)**: Points to the "WCS" icons in the layer selection area.
- Zoom to Layer Extent**: Points to a zoom icon on the map toolbar.
- Information on layer (factsheet, webpage)**: Points to the "i" (info) icon on the map toolbar.
- Date selection**: Points to the date and index dropdowns at the bottom of the sidebar.

The map shows a color-coded overlay representing drought severity. A legend indicates the following categories:

- Extremely dry ($SPI \leq -2$)
- Severely dry ($-2 < SPI \leq -1.5$)
- Moderately dry ($-1.5 < SPI \leq -1$)

The map shows significant areas of extreme and severe dryness in Central Europe, particularly in Germany and Poland, and moderate dryness in the Balkans and parts of Eastern Europe. The European Commission logo and "© European Drought Observatory (EDO) 2012" are visible in the bottom right corner.


EDO MapViewer: catalogue-retrieved WMS layers




- 1) Open Drought
Metadata Catalogue

FROM Metadata Catalogue: WMS layers

Drought Metadata Catalogue


AREA 

Use map





KEYWORDS (* as wildcard)

CHE


TYPE 


Services

PROVIDER 

DROUGHT VOCABULARY 

- + Drought
 - GPCC data
 - Hydrology
 - Meteorology
- + Natural hazard
 - Remote sensing
 - Soil
 - Statistics

DATE 

THESAURUS 

From Drought Metadata Catalogue

Load WMS services of the [Metadata Catalogue](#) in *another* mapviewer's window.

Search the Catalogue

- 1) Open Drought Metadata Catalogue

- 2) Search the Catalogue

EDO MapViewer: e-retrieved WMS layers

Drought Metadata Catalogue

AREA

Use map

KEYWORDS (* as wildcard)

CHE

TYPE

Services

PROVIDER

DROUGHT VOCABULARY

- + Drought
 - GPCC data
 - Hydrology
 - Meteorology
- + Natural hazard
 - Remote sensing
 - Soil
 - Statistics

DATE

THESAURUS

Search Clean

2) Search the Catalogue

Drought Metadata Catalogue

User Password Login

AREA

Use map

KEYWORDS (* as wildcard)

CHE

TYPE

Services

PROVIDER

DROUGHT VOCABULARY

- + Drought
 - GPCC data
 - Hydrology
 - Meteorology
- + Natural hazard
 - Remote sensing
 - Soil
 - Statistics

DATE

THESAURUS

Search Clean

Results

Results 1 to 10 from 10

- CHE Water Framework Directive WFS**
The Web feature service provides data related to the WFD of the Ebro River Basin District in GML format version 3.1.1 in accordance with the OGC WFS Implementation Specification 1.1 standard...
- CHE Hydro Index WMS**
The Web Map Service provides geographic visualization of the data relative to the Ebro River Basin District hydrological index. This service implements the OGC WMS Implementation 1.0 Specification...
- CHE Water Points Inventory WFS**
The Web feature service provides data related to the Ebro River Basin District Inventory of Water Points in GML format version 3.1.1 in accordance with the OGC WFS Implementation Specification 1.1 standard...
- CHE Hydrogeological Data WFS**
The Web feature service provides hydrogeological of the Ebro River Basin District in GML format version 3.1.1 in accordance with the OGC WFS Implementation Specification 1.1 standard...
- CHE Hydro Index WFS**
The Web feature service provides data related to the Ebro River Basin District Hydrological Index in accordance with the OGC WFS Implementation Specification 1.1 standard...
- CHE catalogue**
The catalogue service enables the search and retrieval of geographical metadata corresponding to Water Framework Directive, parts of inventory (DPA) and other data of references of the Ebro River Basin District in Dublin Core format. This service implements the OGC OAI Specification 2.0.2 standard...
- CHE gazetteer**
The Gazetteer service enables the search and retrieval of geographical names corresponding to WFD features, parts of inventory (DPA) and other data of references of the Ebro River Basin District. This service has been implemented in accordance with the OGC recommendation (OGC Best Practice Document)...
- CHE Water Framework Directive WMS**
The Web map service provides geographic visualization of the data relative to the WFD of the Ebro River Basin District. This service implements the OGC WMS Implementation 1.1.1 Specification and standard OGC Style Description Layer Specification 1.0.0 standard...
- CHE Water Points Inventory WMS**
The Web map service provides geographic visualization of the Ebro River Basin District inventory of water points. This service implements the OGC WMS Implementation 1.1.1 Specification and standard OGC Style Description Layer Specification 1.0.0 standard...
- CHE Hydrogeological Data WMS**
The Web map service provides geographic visualization of Ebro River Basin District hydrogeological reference data. This service implements the OGC WMS Implementation 1.1.0 Specification and standard OGC Style Description Layer Specification 1.0.0 standard...

3) Get results



From Drought

Load WMS service in another map

Search the

1) Open Drought Metadata Catalogue

EDO MapViewer: re-retrieved WMS layers

Drought Metadata Catalogue

AREA

Use map

KEYWORDS (* as wildcard)

CHE

TYPE

Services

PROVIDER

DROUGHT VOCABULARY

- [-] Drought
 - GPCC data
 - Hydrology
 - Meteorology
- [-] Natural hazard
- [-] Remote sensing
- [-] Soil
- [-] Statistics

DATE

THESAURUS

Results list

Results 1 to 10 from 10

- CHE Water Framework Directive WFS
- CHE Hydro Index WMS
- CHE Water Points Inventory WFS
- CHE Hydrogeological Data WFS
- CHE Hydro Index WFS
- CHE catalogue
- CHE gazetteer
- CHE Water Framework Directive WFS
- CHE Water Points Inventory WMS
- CHE Hydrogeological Data WMS

1) Open Drought Metadata Catalogue

2) Search the Catalogue

3) Get results

4) Back to EDO MapViewer

From Drought Metadata Catalogue

INDICES-HIDRO-WMS

Y: 2012 M: 12

- Drought indexes
- Regulated
- Not regulated
- Water stored in reservoirs
- Monthly water stored in reservoirs
- 12 month average water stored in reservoirs
- 5 years average water stored in reservoirs
- Monthly average flows

Remove all services

Load WMS services of the [Metadata Catalogue](#) in *another* mapviewer's window.

Search the Catalogue

EDO MapViewer: re-retrieved WMS layers

The screenshot shows the 'Drought Metadata Catalogue' search page. It features a search bar with the text 'From Droug' and a 'Search the' button. Below the search bar are several filter sections: 'KEYWORDS (*)' with 'CHE' entered, 'TYPE' with 'Services' selected, 'PROVIDER', and 'DROUGHT VOC' with a list of categories including 'Drought', 'GPCC data', 'Hydrology', 'Meteorology', 'Natural hazard', 'Remote sensing', 'Soil', and 'Statistics'. At the bottom, there are 'DATE' and 'THESAURUS' sections.

1) Open Drought Metadata Catalogue

2) Search the Catalogue

This screenshot shows the search results page of the 'Drought Metadata Catalogue'. It displays a 'Results list' with 'Results 1 to 10 from 10'. The results include various WFS services such as 'CHE Water Framework Directive WFS', 'CHE Hydro Index WMS', 'CHE Water Points Inventory WFS', 'CHE Hydrogeological Data WFS', 'CHE Hydro Index WFS', 'CHE catalogue', 'CHE gazetteer', 'CHE Water Framework Directive WFS', 'CHE Water Points Inventory WFS', and 'CHE Hydrogeological Data WFS'. A 'DROUGHT VOCABULARY' section is also visible, listing categories like 'Drought', 'GPCC data', 'Hydrology', 'Meteorology', 'Natural hazard', 'Remote sensing', 'Soil', and 'Statistics'. A 'DATE' section is set to 'THESAURUS'.

3) Get results

4) Back to EDO MapViewer

The screenshot shows the EDO MapViewer interface. It features a 'From Drought Metadata Catalogue' window with the 'INDICES-HIDRO-WMS' layer selected. The interface includes a search bar, a 'Search the Catalogue' button, and a 'Load WMS services of the Metadata Catalogue in another mapviewer's window.' button. The date is set to 'Y: 2012' and 'M: 12'.

This screenshot shows the configuration panel for the 'INDICES-HIDRO-WMS' layer. It includes a legend with the following categories: 'Emergency' (red), 'Alert' (orange), 'Pre-alert' (yellow), and 'Normality' (green). There are also checkboxes for 'Regulated', 'Not regulated', 'Water stored in reservoirs', 'Monthly water stored in reservoirs', '12 month average water stored in reservoirs', '5 years average water stored in reservoirs', and 'Monthly average flows'. A 'Remove all services' button is at the bottom.

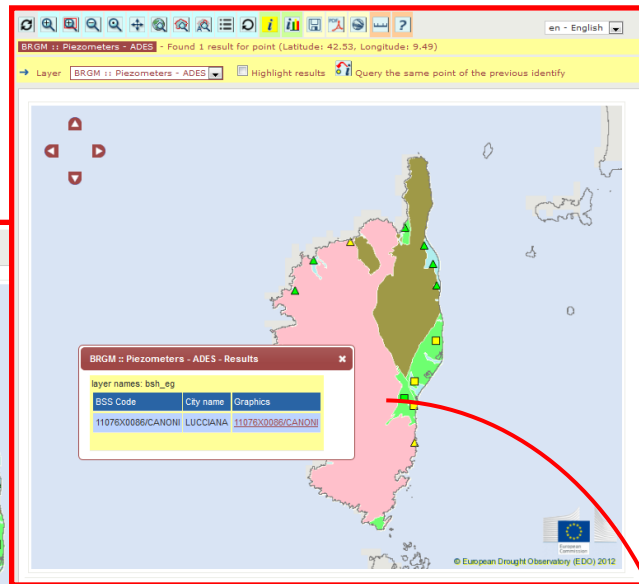
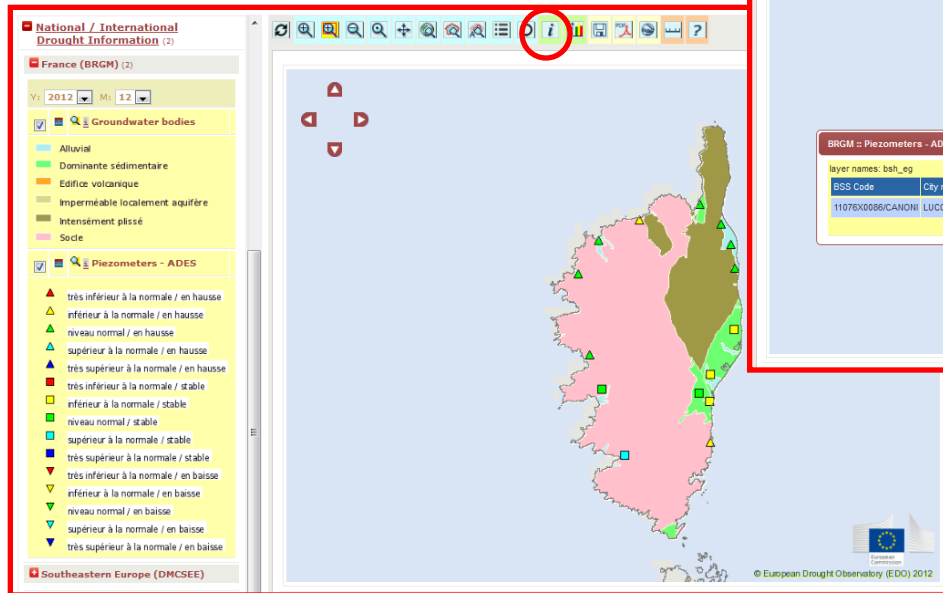
The screenshot shows the EDO MapViewer map displaying the 'INDICES-HIDRO-WMS' layer. The map shows a geographical area with various colored regions representing different drought indices. The legend on the left indicates the colors: red for 'Emergency', orange for 'Alert', yellow for 'Pre-alert', and green for 'Normality'. The map also shows a search bar, a 'Search the Catalogue' button, and a 'Load WMS services of the Metadata Catalogue in another mapviewer's window.' button. The date is set to 'Y: 2012' and 'M: 12'. The EDO logo and '© European Drought Observatory (EDO) 2012' are visible at the bottom right.

5) Display layer

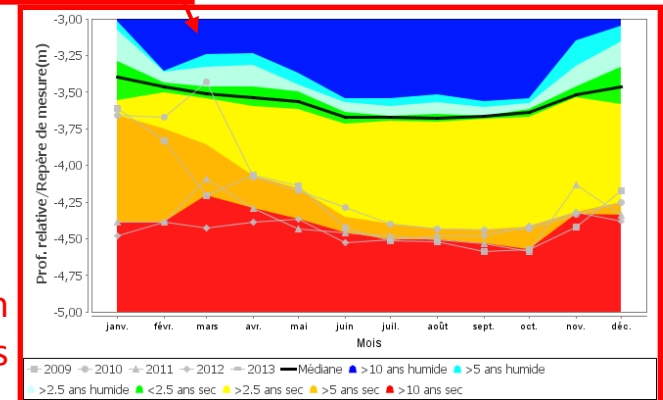
EDO MapViewer: WMS GetFeatureInfo

1) Select layer and click object on the map

2) Get result



3) Open
additional resources



EDO MapViewer: multilingual support

The image displays three overlapping screenshots of the EDO MapViewer interface, each demonstrating a different language setting. The interface includes a top toolbar with navigation icons, a left sidebar with metadata and layer selection options, and a main map area showing a drought severity map of Europe. The map uses a color scale from red (extremely dry) to yellow (moderately dry). The bottom right corner of the map area features the European Commission logo and the text '© European Drought Observatory (EDO) 2012'.

English: The top screenshot shows the language dropdown menu set to 'en - English'. The interface text is in English, including 'Ten-day period: 2012-12, 3rd', 'Combined Drought Indicator', and 'No layer selected'.

Spanish: The middle screenshot shows the language dropdown menu set to 'es - Español'. The interface text is in Spanish, including 'Período de 10 días: 2012-12, 3º', 'Indicador de Sequía Combinado', and 'Ninguna capa seleccionada'.

French: The bottom screenshot shows the language dropdown menu set to 'fr - Français'. The interface text is in French, including 'Période de 10 jours: 2012-12, 3ème', 'Indicateur de Sécheresse Combiné', and 'Pas de couches sélectionnés'.

French

EDO MapViewer: compare indicators at the same date

Reference date

Year: 2012 Month: 8 10-day period: 3rd Zoom to: Greece

OpenLayers-style controls

Map 2

- baseLayer
- OpenStreetMap
- overlays
- DMCSEE :: SPI3 >> Click here to see legend
- Countries
- Major towns
- Sketches
- Map centre

SPI-3 blended and interpolated Map Graph

DMCSEE :: SPI3 Map Graph

To compare together
four different indicators
at the same date

Map layers

Graph at map centre
41.5253 Lat, 27.585 Lon - Years 2011 - 2012

Vegetation Productivity (fAPAR) Map Graph

Vegetation Productivity Anomaly (fAPAR Anomaly) Map Graph

Tools & Options

>> Display layers having only a map for the last available date: Yes No

>> Zoom to: Initial extent

>> Zoom to Country: Display Hide

>> Sketching on Map 1: On Off

>> Synchronize Map Navigation: Yes No

>> Graph time extent (years): before after

Switch map / graph

EDO MapViewer: compare the same indicator at different dates

Indicator: Combined Drought Indicator

Zoom to Country: Zoom to: France

2012-05, 1st

2011-05, 1st

2007-05, 1st

2005-05, 1st

To compare together
the same indicator
at four different dates

Synchronized sketching:
draw a point, a line or
a polygon on map 1 to
highlight an affected area
and check correspondences
within the other maps

Tools & Options

>> Display layers having only a map for the last available date: Yes No

>> Zoom to: Initial extent

>> Zoom to Country: Display Hide

>> Sketching on Map 1: On Off

>> Clean sketches on map: 1 2 3 4 All

>> Synchronize Map Navigation: Yes No

>> Graph time extent (years): 1 before 1 after