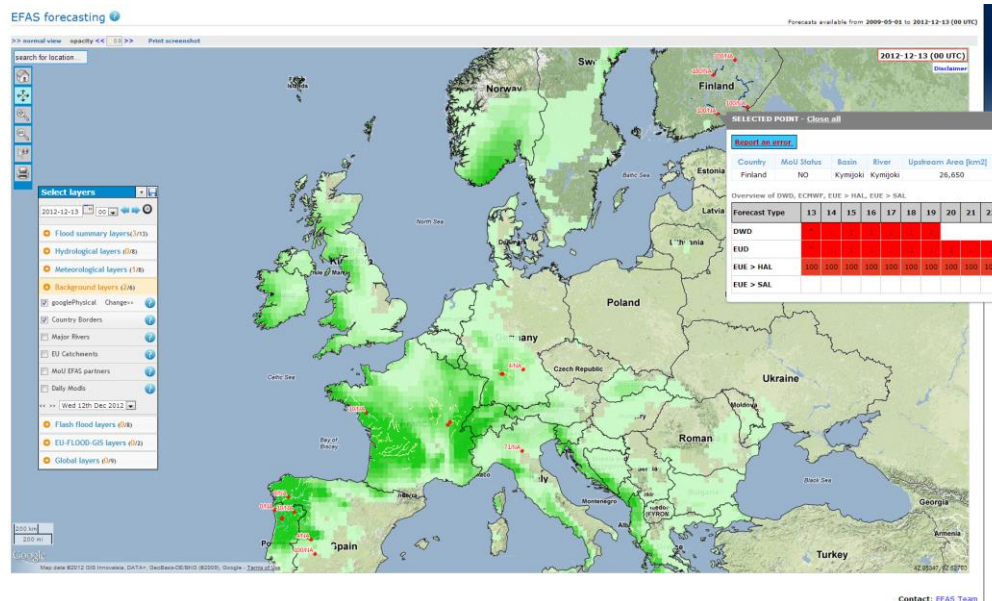


European Flood Awareness System (EFAS)

- **Need:** lack of coherent flood information and coordination in Europe for trans-national flood events, e.g. during Elbe and Danube floods in 2002
- **Added value of EFAS:** better preparedness and improved disaster and crisis management in Europe with trans-national flood early warning information to EC civil protection and Member State authorities
- **JRC :** Provides since 2007 pre-operational flood forecasts to >30 Member States authorities



- In 2012 operational 7/365 service with funding of Copernicus (ex-GMES) and DG ECHO. Operational service is provided by Member State consortia (ECMWF, SE, NL, SK,ES)
- Now EFAS fully funded as Copernicus Emergency Management Service

For further info:
www.efas.eu

Global Flood Awareness System (GloFAS)

Flood early warnings for large river basins around the world

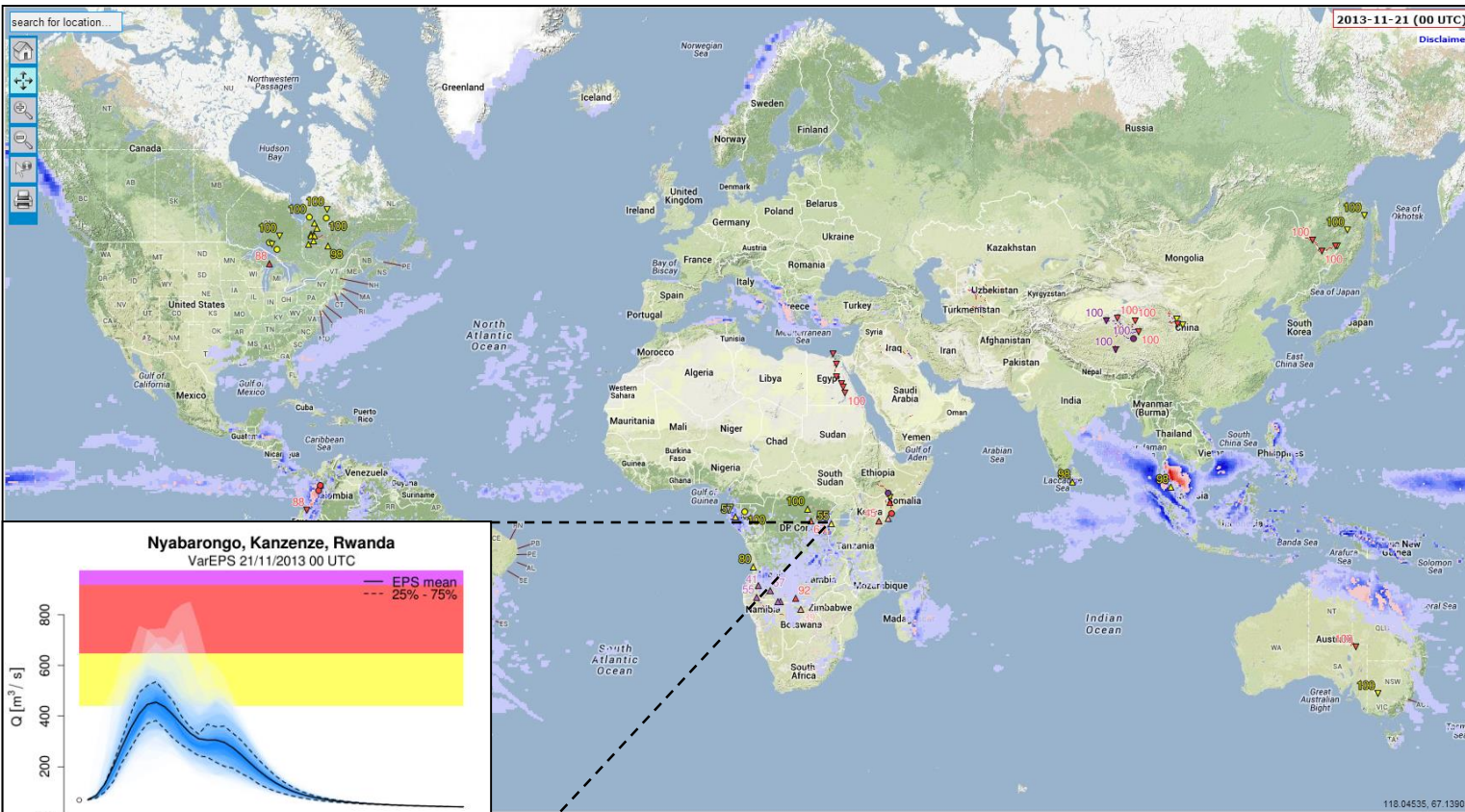
Developed by: Joint Research Center of the European Commission & European Center for Medium Range Weather Forecasting

Forecast lead time:
Up to 20 days

Minimum river
basin size:
10.000 km²

Forecast frequency:
Daily

Forecast type:
Probabilistic



The European Drought Observatory (EDO)



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EDO:

- Internet-based tool
- provides different types of information and tools
- at multiple scales
- through multiple indicators, including high level indicators targeted to decision makers

Reports

<http://edo/jrc.ec.europa.eu>

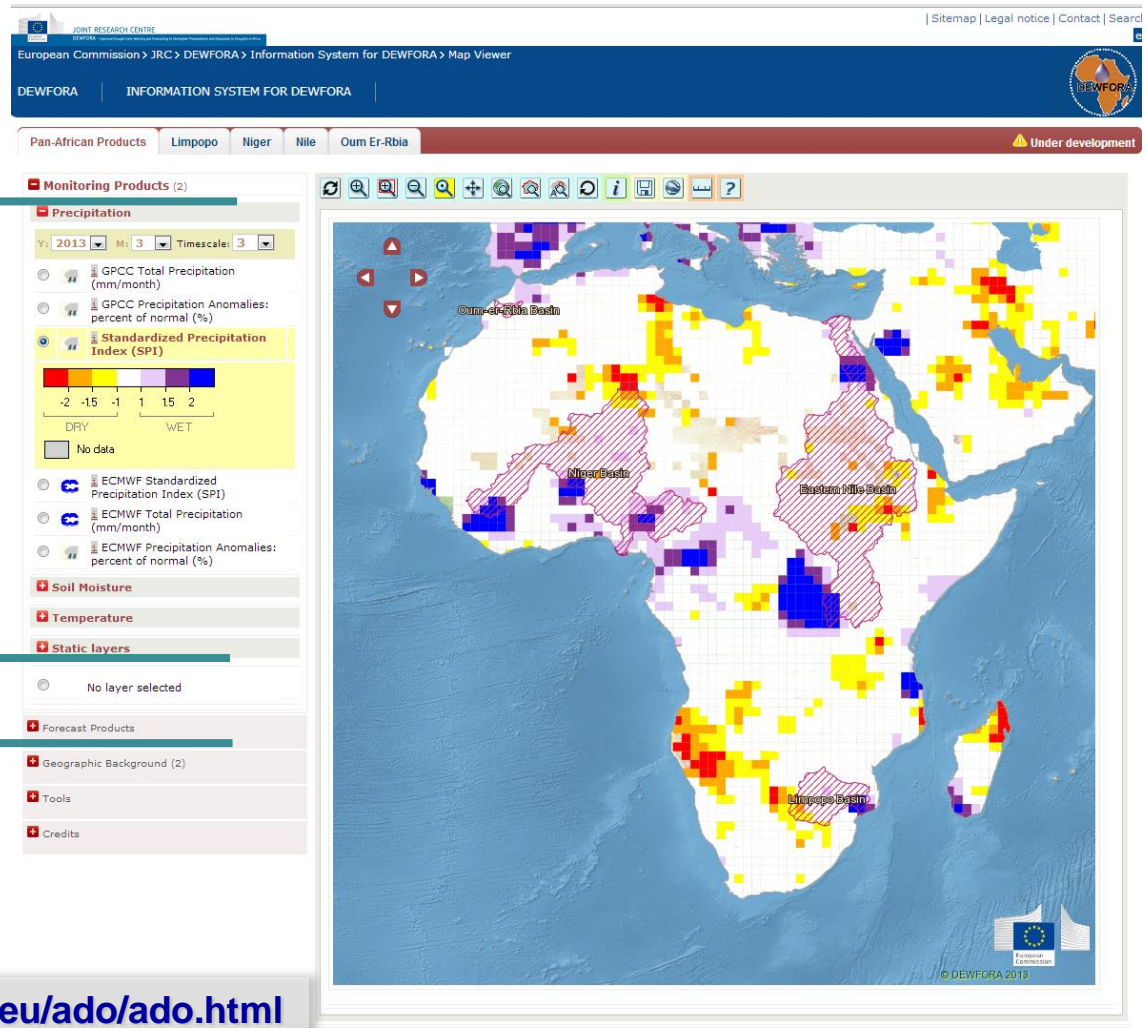
The screenshot shows the EDO website homepage. At the top, there is a navigation bar with the European Commission logo and the text 'JOINT RESEARCH CENTRE EDO - European Drought Observatory'. Below this is a secondary navigation bar with links for 'EDO HOME', 'CURRENT DROUGHTS', and 'DATA & TOOLS'. The main content area features a welcome message: 'Welcome to the European Drought Observatory!' followed by a paragraph explaining the site's purpose and a note about data updates. A prominent map of Europe is displayed, showing drought indicators with a legend: Watch (rainfall deficit), Warning (soil moisture deficit), Alert (vegetation stress), Partial recovery, and Full recovery. To the right of the map, there are sections for 'current DROUGHT information for YOU' with a photo of a dry field, and a 'last REPORTS' section listing news items from August 2014, March 2012, and April 2011. At the bottom, there is a 'Compare Indicators' section and a footer with various tool links like 'Current Droughts', 'Fact sheets', 'Data Availability', 'Map Viewer', 'In the Media', 'Time Series', 'Compare Layers', 'Data Download', 'Compare Dates', 'MD Catalogue', and 'MapGenerator'.

Drought Monitoring

- Precipitation
- Temperature
- Soil Moisture
- SPI

Drought Risk and Vulnerability maps

Seasonal forecast



<http://edo/jrc.ec.europa.eu/ado/ado.html>

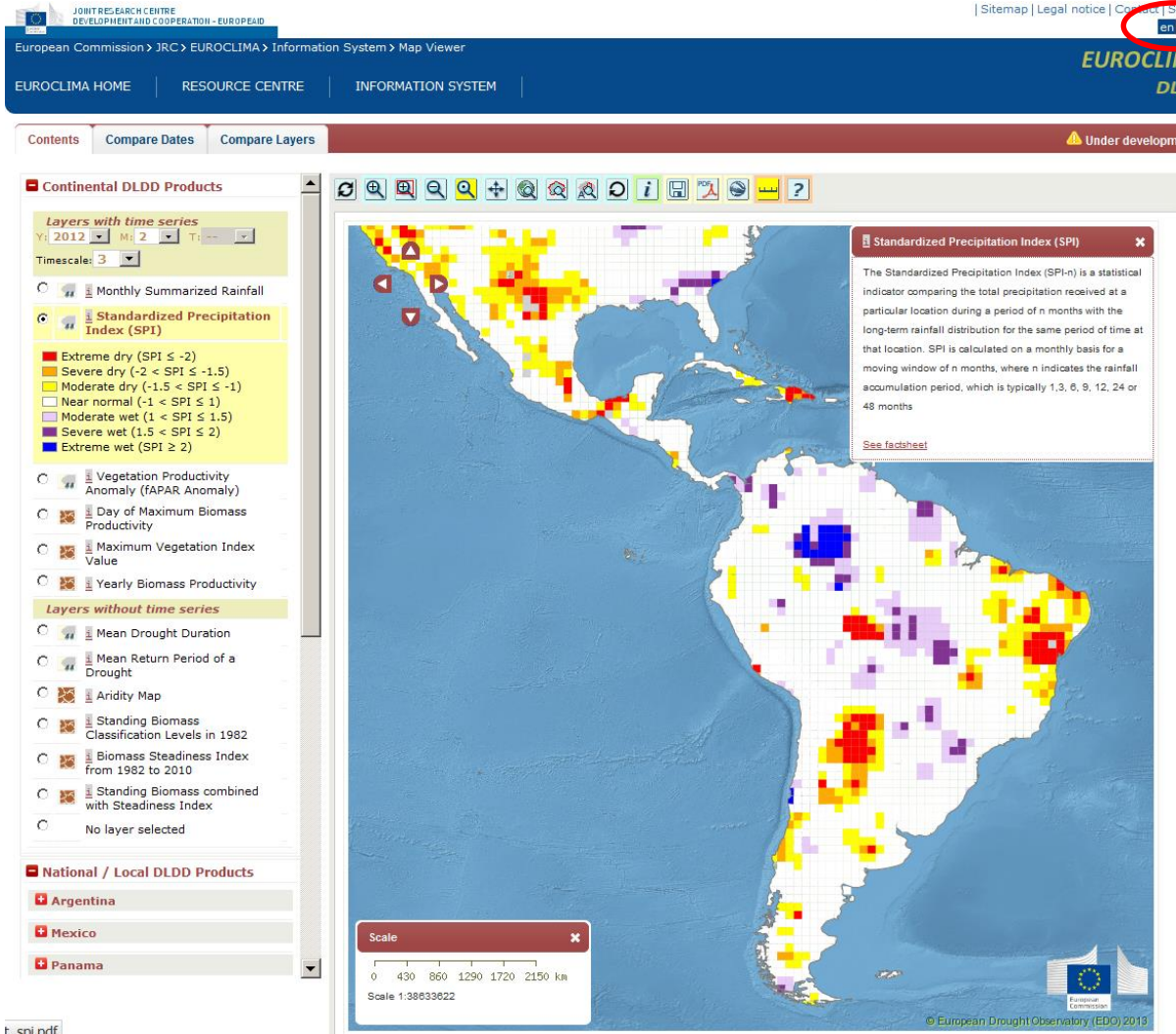
South and Central American Drought Observatory (SCADO)



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DLDD

- Multilingual support
- Continental Products
- National/Local Products
- Layers with time series
- Layers without time series
- Drought Products
- Land Degradation Products
- Metadata descriptors



Network of Latin American institutions



<http://edo/jrc.ec.europa.eu/scado/php/index.php?id=3120>

