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European
Commission

The new GloFAS user guide

2nd CEMS Global Flood Forecasting and
Monitoring Meeting

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CEMS Floods Analytics and Dissemination Centre



COPERNICUS
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SERVICE

The new **GloFAS** user guide

Who is it for?

Obviously, for GloFAS (and GFM) users

It shall:

- » Lower the threshold of getting started
- » Guide the user through the main components/products
- » Provide reference for further, more detailed/technical information available, i.e. complement existing documentation in the wiki and webpage

The new GloFAS user guide

How to access?



Implemented by the European Commission as part of the Copernicus Programme

Messages Profile Log out nina



Home About Products Data Access Resources **Forecast Wiki** Monitoring Wiki

<https://confluence.ecmwf.int/display/CEMS/GloFAS+User+Guide>





INNEHÅLL

> CEMS-Fire

1 > CEMS-Flood

> European Flood Awareness System

> Global Flood Awareness System **wiki**

2 > CEMS-Flood User Guide Corner

> Background on Copernicus Emergen

> EFAS User Guide

3 > **GloFAS User Guide**

> 1 Introduction to the services

• 2 GloFAS products (brief overview)

> 3 GloFAS interface (GloFAS-IS)

> 4 GloFAS resources

> 5 Contributing to GloFAS

• 6 FAQ in GloFAS

• 7 GloFAS Glossary

> CEMS-Flood Data User Guide

GloFAS User Guide



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Emergency Management Service



Global Flood Awareness System service providers



Involved institutions and organisations

The GloFAS User Guide provides information on the [Global Flood Awareness System \(GloFAS\)](#) and its many products and services for both the first-time users and those who want to learn more about available services and data. The complementary [Global Flood Monitoring \(GFM\)](#) data that can be accessed through GloFAS are presented as well.

Please use the shortcuts in the table of contents below to browse the content or the page tree to the left to navigate directly to the section of interest. Questions or suggestions for improvement are always welcome and can be send to us using the [GloFAS contact form](#).



Table of Contents

1 Introduction to the services

- 1.1 GloFAS and GFM at a glance
- 1.2 How to access the service


2 GloFAS products (brief overview)

3 GloFAS interface (GloFAS-IS)

- 3.1 GloFAS homepage
- 3.2 GloFAS Map Viewer
 - 3.2.1 GloFAS Map Viewer - Functionalities explained
 - 3.2.2 GloFAS Map Viewer - Layer categories explained
 - 3.2.3 Getting started using GloFAS

The new GloFAS user guide

What's in it?


 Copernicus Emergency Management Service - CEMS

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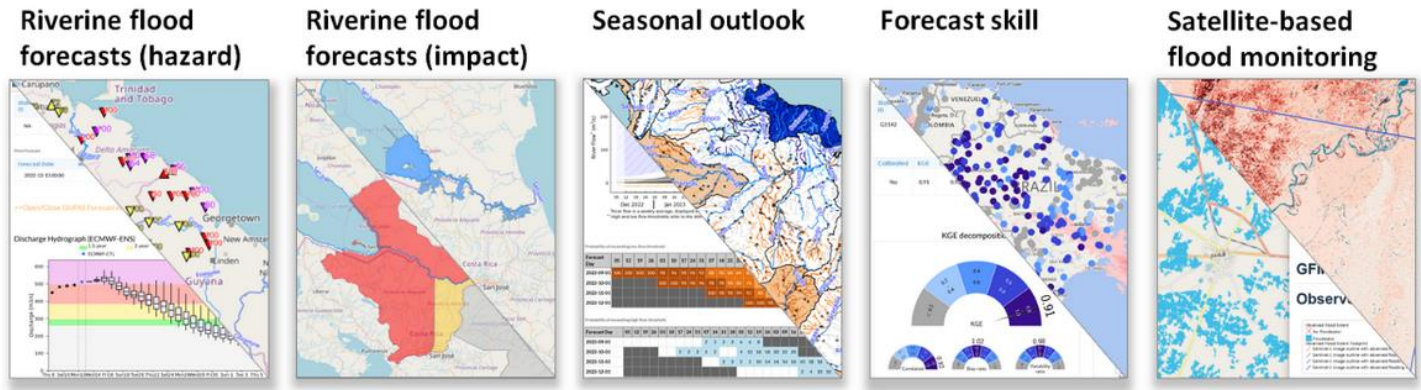
INNEHÅLL

- > CEMS-Fire
- v CEMS-Flood
 - > European Flood Awareness System
 - > Global Flood Awareness System
 - v CEMS-Flood User Guide Corner
 - > Background on Copernicus Emergency
 - > EFAS User Guide
 - v GloFAS User Guide
 - > 1 Introduction to the services
 - **2 GloFAS products (brief overview)**
 - > 3 GloFAS interface (GloFAS-IS)
 - > 4 GloFAS resources
 - > 5 Contributing to GloFAS
 - 6 FAQ in GloFAS

2 GloFAS products (brief overview)



The Global Flood Awareness System has a wide product portfolio covering the forecast of large-scale riverine floods by computing hazard as well as impact predictions, for the latter considering location specific vulnerability data. This is complemented through the embedding of the GFM (Global Flood Monitoring), which maps in an automatic manner floods in near real-time and computes associated impact estimations.



Overview on existing GloFAS and GFM product portfolio.

The new GloFAS user guide

What's in it?

- ▼ CEMS-Flood
 - › European Flood Awareness System
 - › Global Flood Awareness System
- ▼ CEMS-Flood User Guide Corner
 - › Background on Copernicus Emergen
 - › EFAS User Guide
- ▼ GloFAS User Guide
 - › 1 Introduction to the services
 - 2 GloFAS products (brief overview)
 - ▼ 3 GloFAS interface (GloFAS-IS)
 - 3.1 GloFAS homepage
 - ▼ **3.2 GloFAS Map Viewer**
 - 3.2.1 GloFAS Map Viewer - Fur
 - 3.2.2 GloFAS Map Viewer - Lay
 - 3.2.3 Getting started using Glo
 - › 4 GloFAS resources
 - › 5 Contributing to GloFAS
 - 6 FAQ in GloFAS

3.2 GloFAS Map Viewer

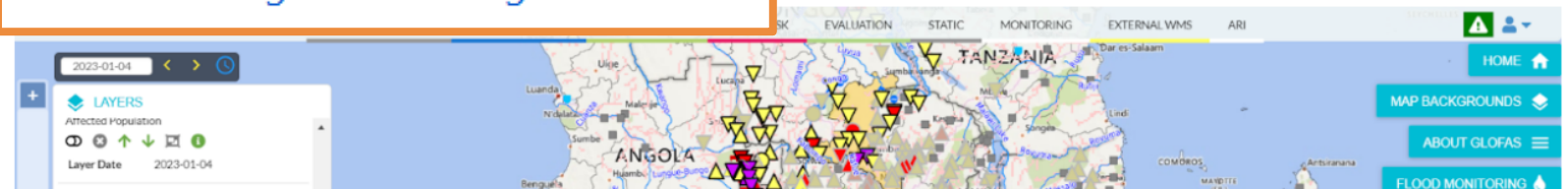


The [Map Viewer](#) of the GloFAS Information System (GloFAS-IS) is the main source of information for users. It can be accessed by registered users. Registration is free of charge and open to everyone.

After selecting to access the GloFAS map viewer, the user will be able to use various data and information from the service (see Figure below). Links to detailed information on the products can be found in [section 2 "GloFAS products"](#) of this user guide and in the [GloFAS wiki](#).

It can be helpful to read the following sections in order to make use of the numerous functions and layers of the Map Viewer:

- [3.2.1 GloFAS functionalities explained](#)
- [3.2.2 GloFAS layer categories explained](#)
- [3.2.3 Getting started using GloFAS](#)

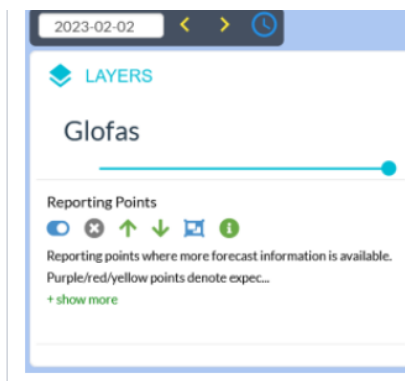


The new GloFAS user guide



What's in it?

- > CEMS-Fire
- ▼ CEMS-Flood
 - > European Flood Awareness System
 - > Global Flood Awareness System
 - ▼ CEMS-Flood User Guide Corner
 - > Background on Copernicus Emergency Mana
 - > EFAS User Guide
 - ▼ GloFAS User Guide
 - > 1 Introduction to the services
 - 2 GloFAS products (brief overview)
 - ▼ 3 GloFAS interface (GloFAS-IS)
 - 3.1 GloFAS homepage
 - ▼ 3.2 GloFAS Map Viewer
 - **3.2.1 GloFAS Map Viewer - Function**
 - 3.2.2 GloFAS Map Viewer - Layer categ
 - 3.2.3 Getting started using GloFAS
 - > 4 GloFAS resources
 - > 5 Contributing to GloFAS
 - 6 FAQ in GloFAS
 - 7 GloFAS Glossarv






3.2.1 GloFAS Map Viewer - Functionalities explained



To activate a layer, hover over the top menu bar, find your layer in one of the categories and press the toggle. Now, your activated layer will appear in the **LAYERS** menu on the left hand side. As an example, in the figure to the left, the *Reporting Points* layer was selected from the category *Hydrological*. You can move the whole layer menu by dragging and dropping at the top of the menu and hide/show by clicking on **LAYERS**.

You can select different forecast dates in the calendar on top of the layer menu (). Clicking on the clock symbol (), you select the latest GloFAS forecast. GloFAS forecasts are available from 01-01-2011 to real time. IMPORTANT NOTE: the available layers and their definition must always take into account the operational release version (e.g. not all the layers are available from 01-01-2011). Detailed information on the operational versions are provided on the wiki page [GloFAS versioning system](#).

Below each layer, a number of buttons are displayed which are explained below:

	Layers can be kept in the list but disabled by moving the on/off button (blue is enabled, white is disabled).
	Layers can be removed from the selection in two ways: (i) by clicking on the x in the list or (ii) by disabling them directly in the relative category of the menu bar on the top.
	In the list, the order of layers displayed can be changed by clicking up- or downward arrows.
	This button allows you to visualise the full extent of the layer, which by default is global extent in GloFAS.
	The legend for the layers pop up in a new window when clicking on the symbol i in the list.

The new GloFAS user guide

What's in it?

- › CEMS-Fire
- ▼ CEMS-Flood
 - › European Flood Awareness System
 - › Global Flood Awareness System
- ▼ CEMS-Flood User Guide Corner
 - › Background on Copernicus Emergency
 - › EFAS User Guide
- ▼ GloFAS User Guide
 - › 1 Introduction to the services
 - 2 GloFAS products (brief overview)
 - › 3 GloFAS interface (GloFAS-IS)
 - › 4 GloFAS resources
 - ▼ **5 Contributing to GloFAS**
 - 5.1 Request a fixed reporting point
 - 5.2 Share in situ discharge data
 - 5.3 Share a Case Study
 - 5.4 Providing feedback

5 Contributing to GloFAS

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We seek the collaboration of our users to constantly improve the service. Users are for example encouraged to [request a fixed reporting point](#) in the GloFAS Map Viewer, share in-situ discharge observations, and/or share their user case. The requirements and benefits of each option are briefly explained below:

- 5.1 Request a fixed reporting point
- 5.2 Share in situ discharge data
- 5.3 Share a Case Study
- 5.4 Providing feedback

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The new GloFAS user guide

What's in it?

- › CEMS-Fire
- ▼ CEMS-Flood
 - › European Flood Awareness System
 - › Global Flood Awareness System
- ▼ CEMS-Flood User Guide Corner
 - › Background on Copernicus Emergency
 - › EFAS User Guide
- ▼ GloFAS User Guide
 - › 1 Introduction to the services
 - 2 GloFAS products (brief overview)
 - › 3 GloFAS interface (GloFAS-IS)
 - › 4 GloFAS resources
 - › 5 Contributing to GloFAS
 - **6 FAQ in GloFAS**
 - 7 GloFAS Glossary

6 FAQ in GloFAS



Some very general and basic questions on the access and use of the GloFAS map viewer and products are summarised in the table below. Below that, more specific and expert questions are answered in this FAQ. In addition to the FAQ, there is also a [Glossary](#) available explaining technical terms frequently used in the GloFAS documentation and complementing this FAQ.

What do I do if I ...	How to find help
<i>... want to access the GloFAS map viewer?</i>	Go to https://www.globalfloods.eu/ and click on LOGIN to the upper right. Click on "Create an account", fill in your details and click on "Create account". You will then receive an email to activate your account.
<i>... don't remember my log-in information for GloFAS?</i>	Go to https://www.globalfloods.eu/ and click on LOGIN to the upper right. Click on "Forgot Password?", fill in your email-address and submit. You will then receive a link to reset your password.
<i>... I don't know what to look at</i>	You can check out section 3.2.3 Getting started using GloFAS in this GloFAS User Guide.

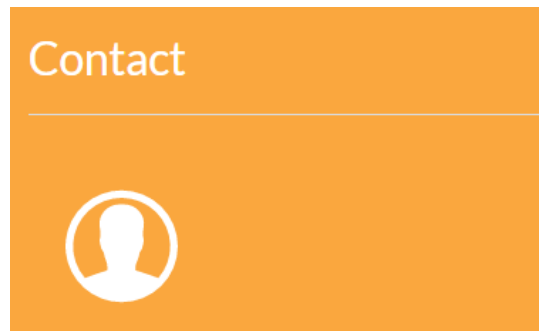
The new **GloFAS** user guide

What do you think?

We are happy to hear what you like about it and even more what you are missing!

Get in touch with us using the GloFAS contact form at

<https://www.globalfloods.eu/contact-us/>



What do you think?

Of the available products and services...

Please fill in the

GloFAS and GFM survey for 2022

<https://www.globalfloods.eu/news/129-glofas-and-gfm-annual-survey-leave-your-feedback/>

... to help improve the services overall!



STAY CONNECTED

EVENTS, ONLINE, and MAP VIEWERS



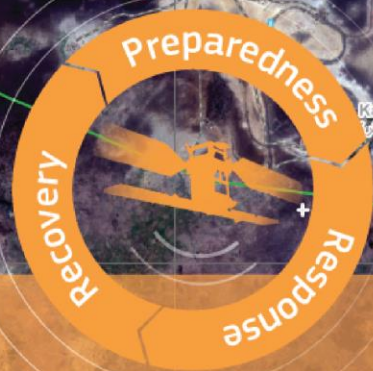
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Rapid Mapping



Risk & Recovery Mapping



Floods



Fires



Droughts



Population



Built-up areas



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