



CEMS - EFAS Annual Meeting 2022

EFAS Analytics and Dissemination Centre
Status of EFAS operational – experiences, issues, challenges

Assoc. Prof. Ilias Pechlivanidis (SMHI)

27 September 2022



EFAS Analytics and Dissemination Centre

– one of four Operational Centres

JRC (Joint Research Centre) is responsible for contract management of the Operational EFAS and coordinates the scientific and technical development.



The operational EFAS organization consists of four centres:

EFAS Hydrological data collection centre

A Spanish consortium consisting of REDIAM and Soologic is responsible for collecting historic and real-time discharge and water level data. And verifying the data



EFAS Meteorological data collection centre

A consortium consisting of KISTERS AG and the German Weather Service (DWD) collecting historic and real-time meteorological data across Europe.



EFAS Computational centre

The Computational centre is located at European Centre for Medium-Range Weather Forecasts (ECMWF). The centre runs the forecasts and post-processing calculations as well as the web interface of the EFAS-Information System.



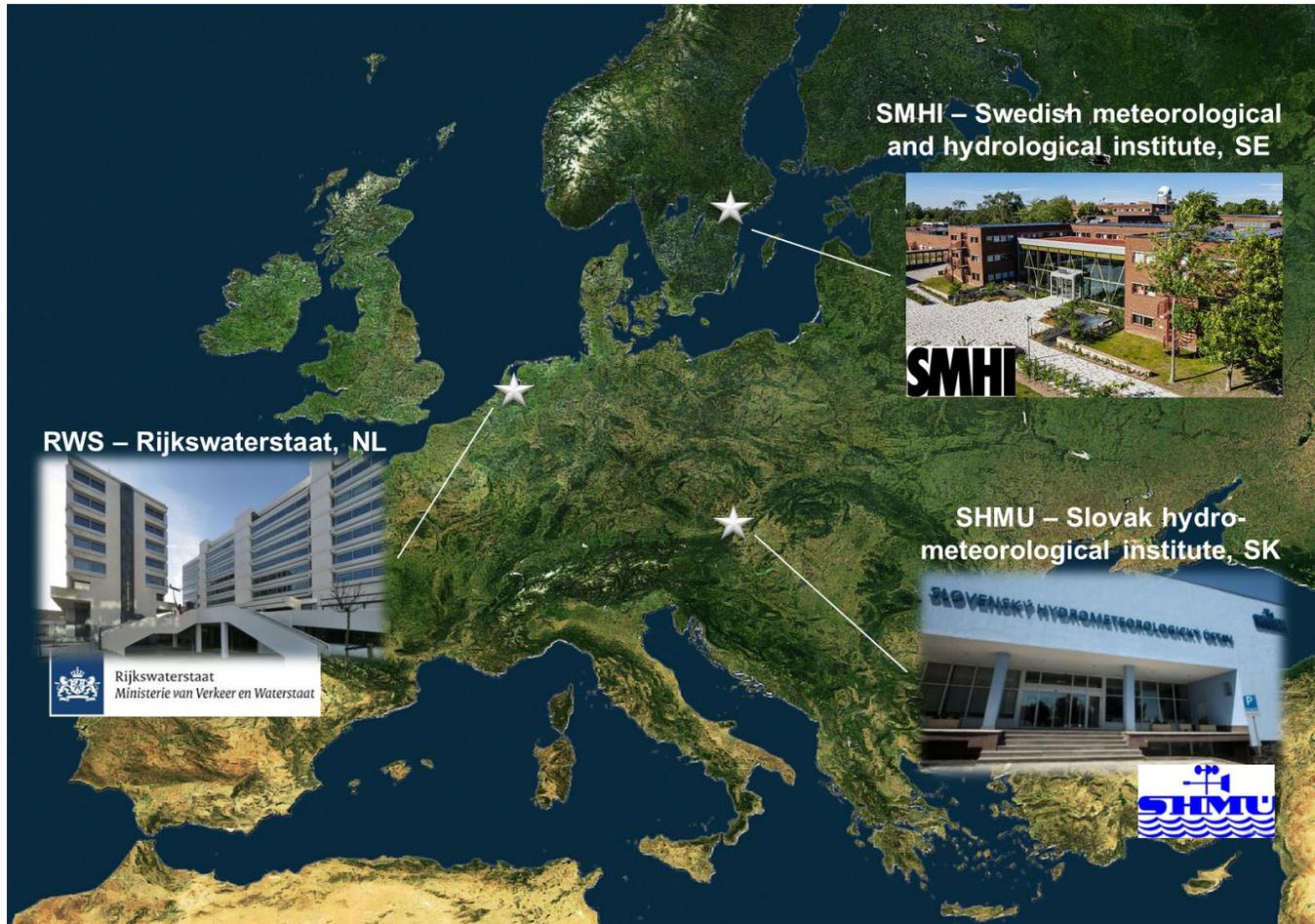
EFAS Analytics and Dissemination centre

The Dissemination centre is a consortium of Swedish Meteorological and Hydrological Institute, Slovak Hydrometeorological Institute and Dutch Rijkswaterstaat. The centre analyses EFAS results on a daily basis, disseminates information to the EFAS partners, organizes user meetings and provides training.





EFAS Analytics and Dissemination Centre



For EFAS Analytics and Dissemination Centre (DISS), it is important to:

- know what YOU, as an EFAS partner, need
- know how YOU use existing information
- understand what YOU are missing in EFAS
- collect feedback in order to improve EFAS service

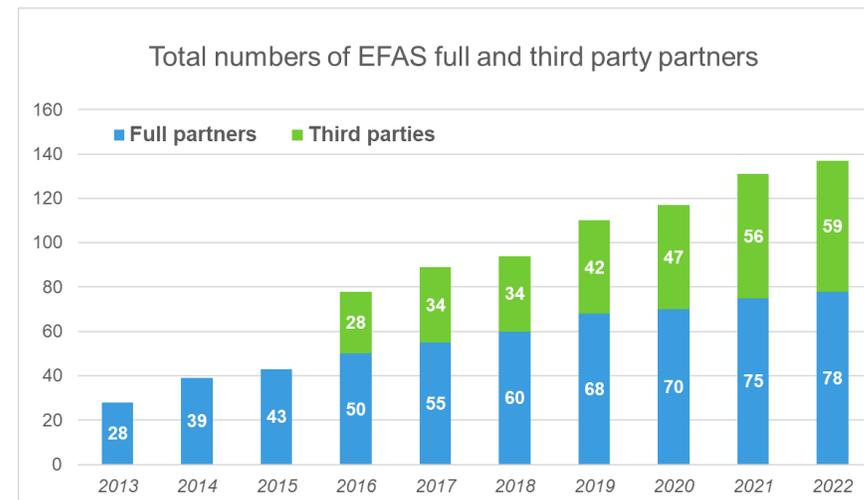
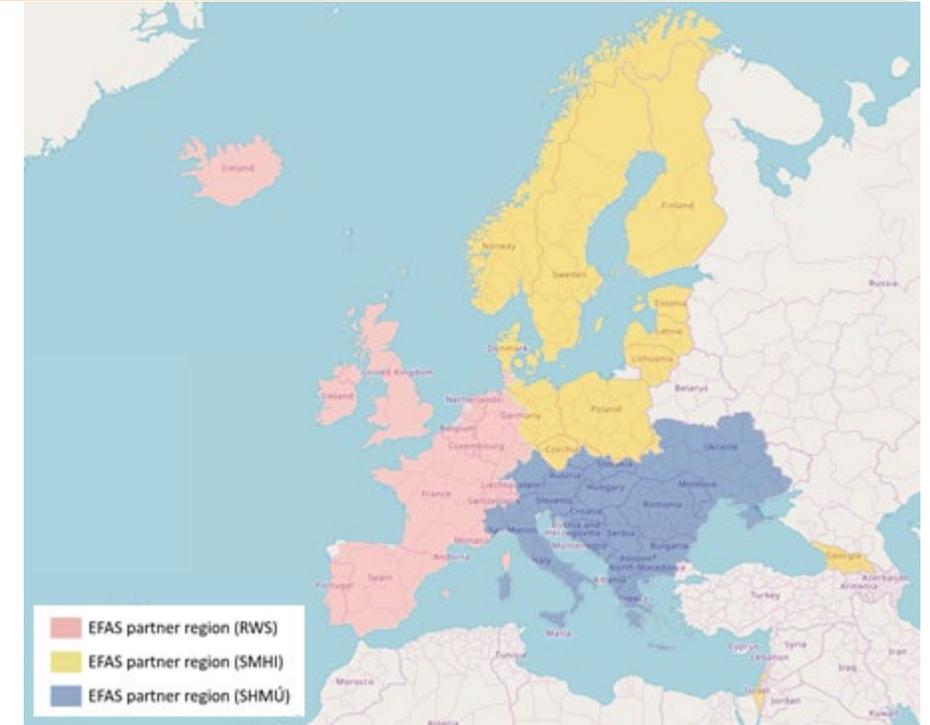
Key members of the EFAS DISS are available during this meeting. Send us an email to info@efas.eu or a message in the chat.



EFAS Partner network

Currently we are:

- ☐ 78 EFAS partners
- 3 new since the last annual meeting:
 - Direcció General d'Emergències i Interior, Spain
 - Landesbetrieb für Hochwasserschutz und Wasserwirtschaft Sachsen-Anhalt, Germany
 - Danish Meteorological Institute, Denmark



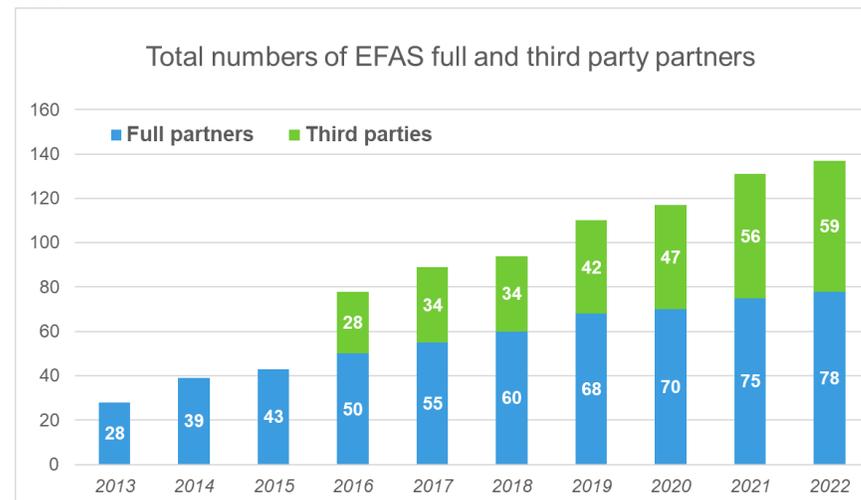
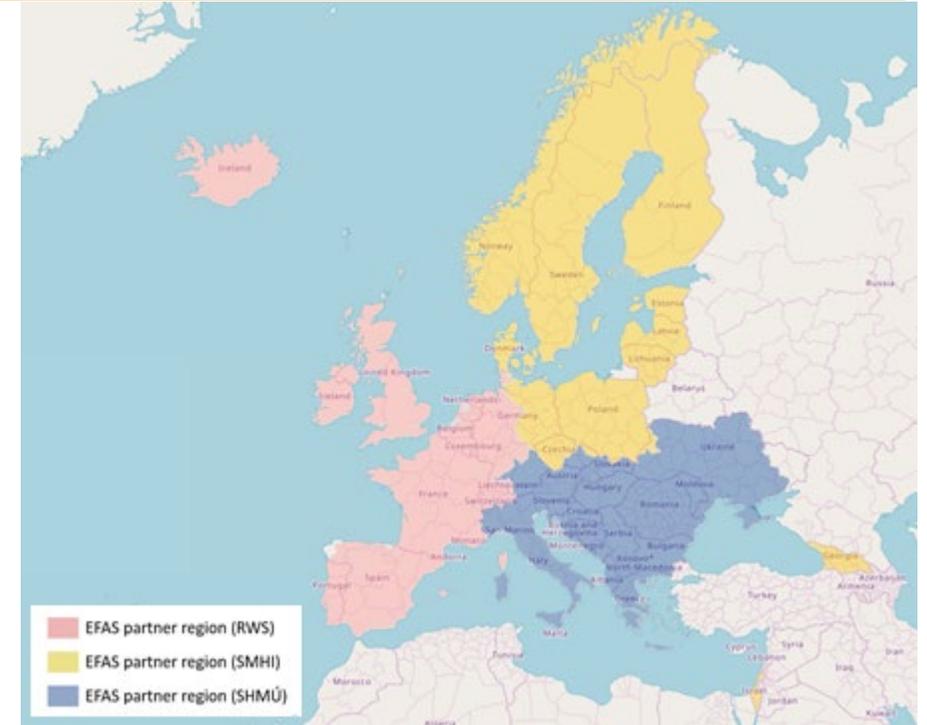


EFAS Partner network

Currently we are:

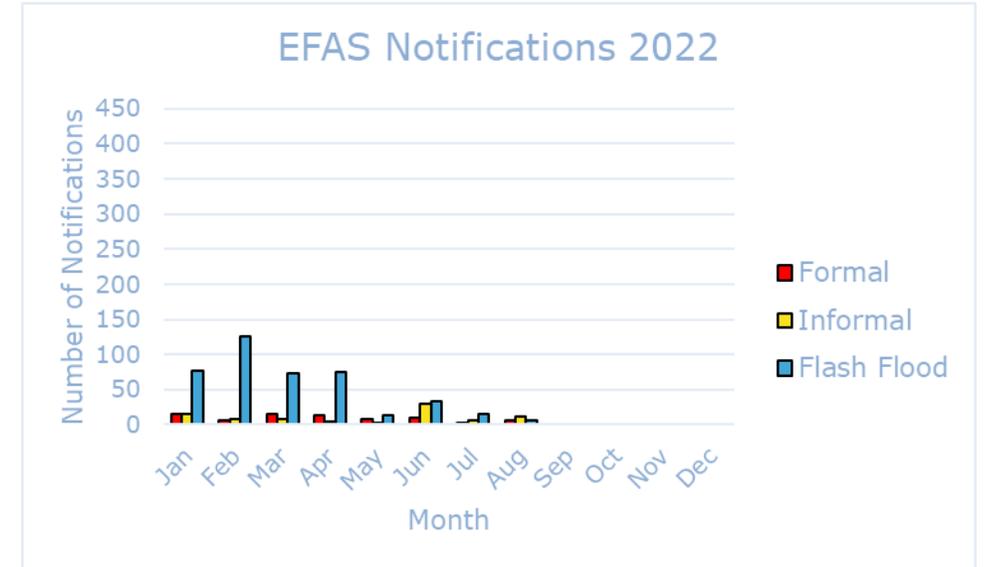
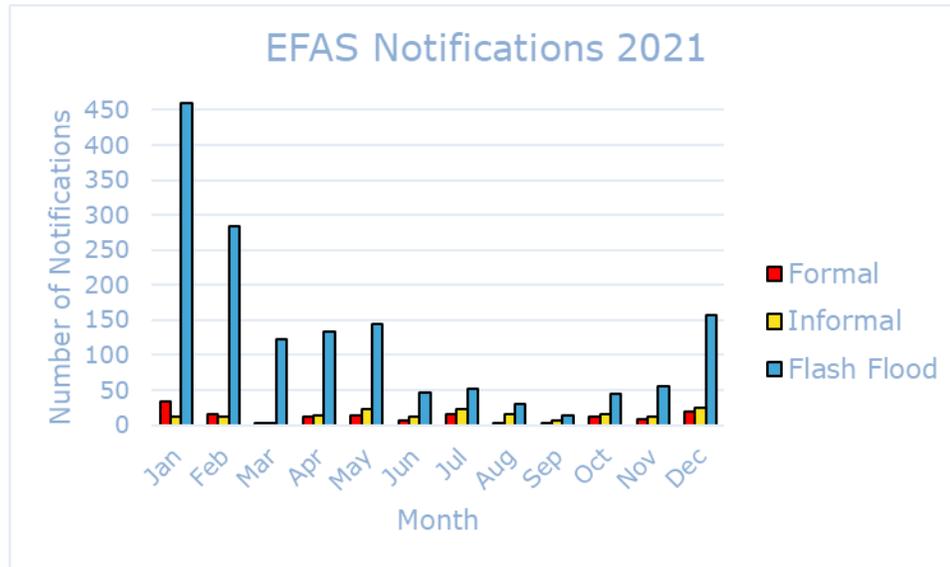
- ☐ 58 third party
4 new since the last annual meeting:
 - Royal Belgian Institute for Natural Sciences / Electricité de France, Belgium
 - Wasserverband Eifel-Rur / Eifel-Rur Waterboard, Germany
 - Slovak Water Management, Slovakia
 - Israel National Water Company, Israel

- ☐ 1 research partners
0 new since the last annual meeting





Issued notifications 2021 and 2022

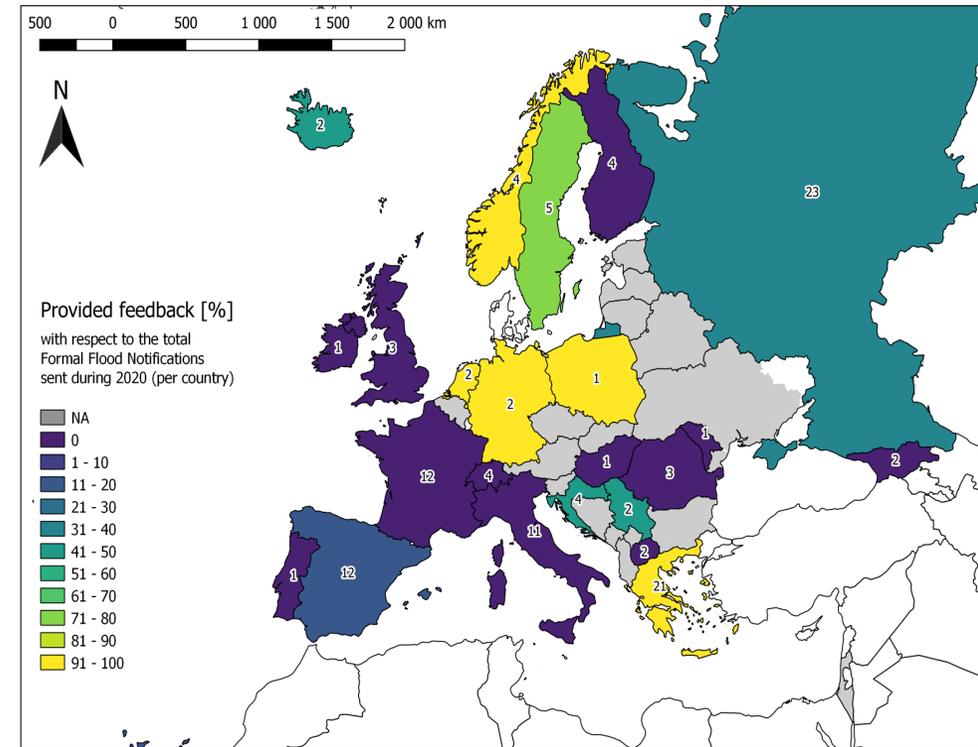
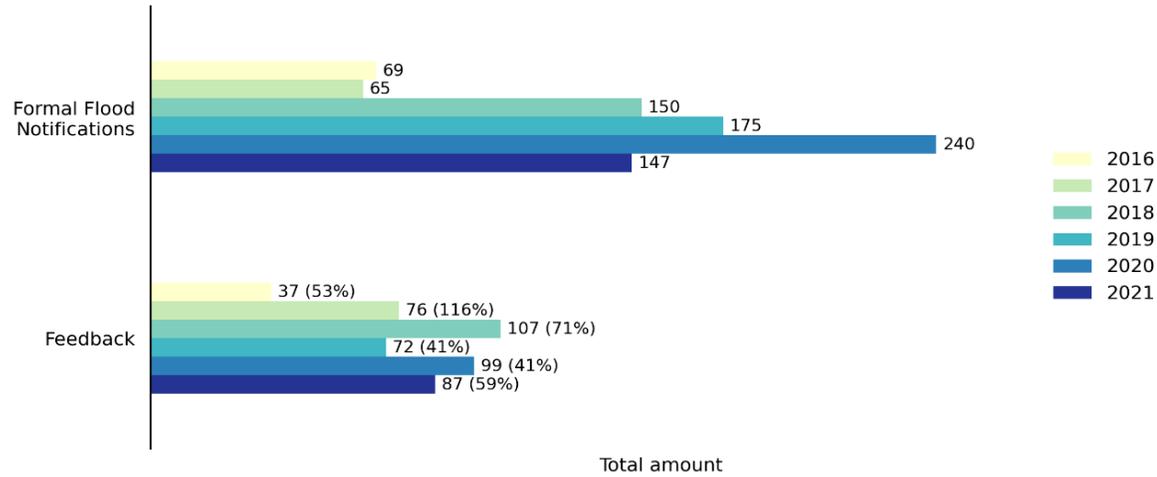


Year	Formal not.	Informal not.	Flash Flood not.
2021	147	169	1540
2022 (till Aug.)	78	87	420

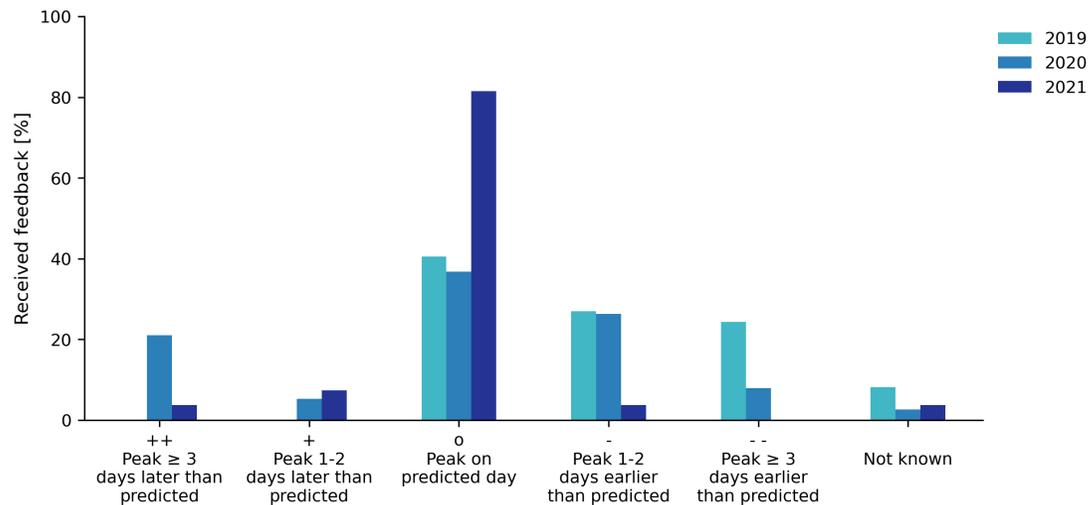


Analysis of notifications

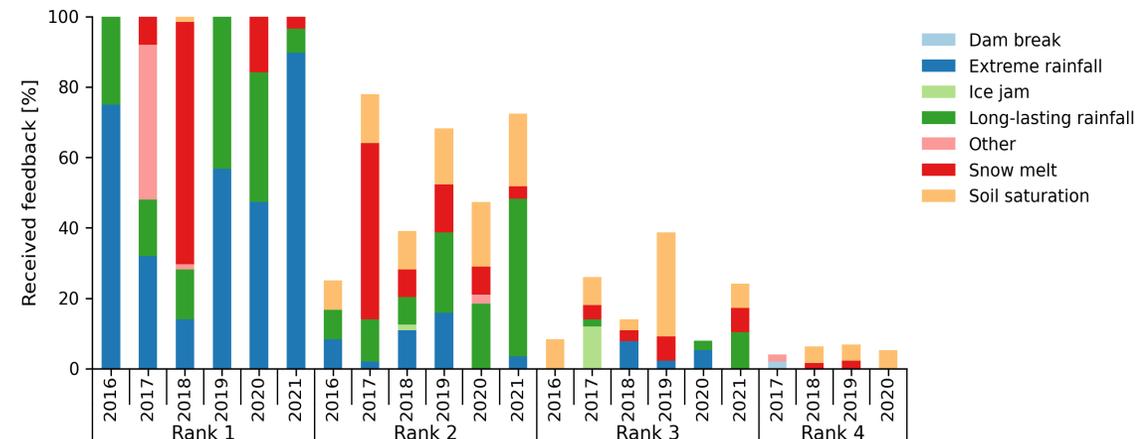
Issued Formal Flood Notifications vs. received feedback



How accurate was the notification (timing of peak)?

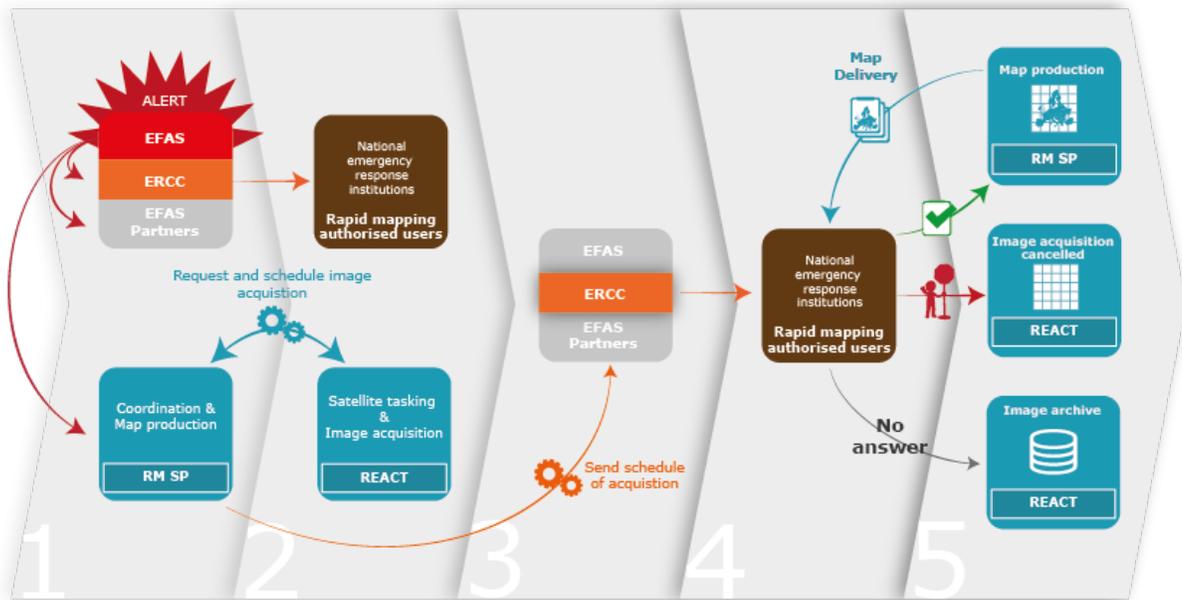


What caused the event?
(if more than one cause, please rank the alternatives)





Pre-tasking requests



Country	Warning email to Rapid Mapping	Expected event peak	Lead time (days)
Norway	23/06/2022	28/06/2022	5
Ukraine	19/04/2022	23/04/2022	4
Bosnia and Herzegovina	31/03/2022	01/04/2022	1
Spain	21/03/2022	22/03/2022	1
Spain	10/12/2021	11/12/2021	1



Partner contact information

To be able to provide you, the EFAS partner, with right information, it is essential that we have the right contact information to you.

We have three sorts of contacts (all types of contact receive notifications!):

1. **Administrative contact:** A person responsible for EFAS partner agreement.
2. **Technical contact:** A person working with the operational work, for example a forecaster. The request for feedback on our formal notifications is sent out to the technical contact.
3. **Other contacts during events:** Typically the whole group of officers, functional emails, etc.

Either check the information back home or talk to us during this annual meeting!

You can see which contacts are listed on EFAS homepage:

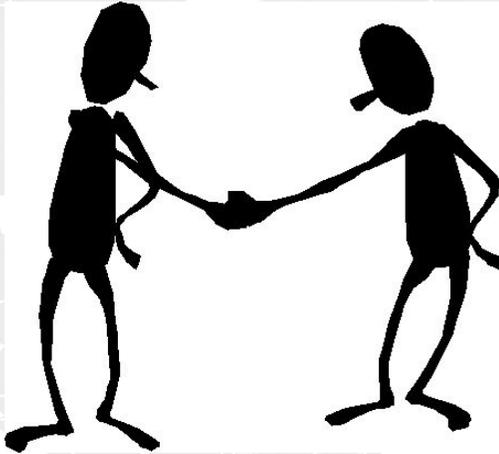
<https://www.efas.eu/en/partners-list-0> (note that you need to be logged in)



Emergency
Management

Opportunity

All EFAS partner have the opportunity to get EFAS training from the EFAS DISS.
Please contact EFAS DISS for this, info@efas.eu

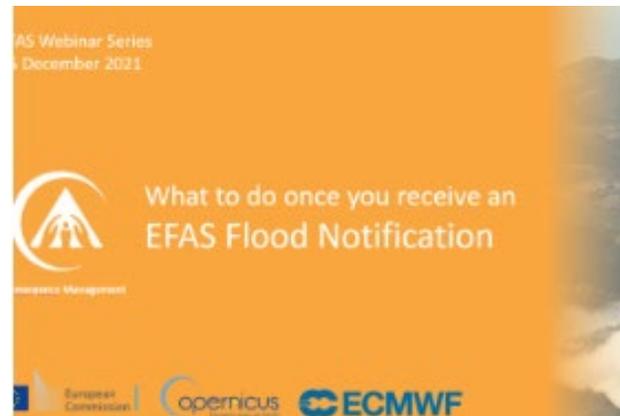




Opportunity

EFAS DISS has since last annual meeting (October 2021) held two webinars:

1. What to do once you received an EFAS notification
15th Dec 2021
2. An Introduction to EFAS
14th June 2022



All webinars are available at www.efas.eu/webinars

Please take the opportunity to give us suggestions to webinar topics.

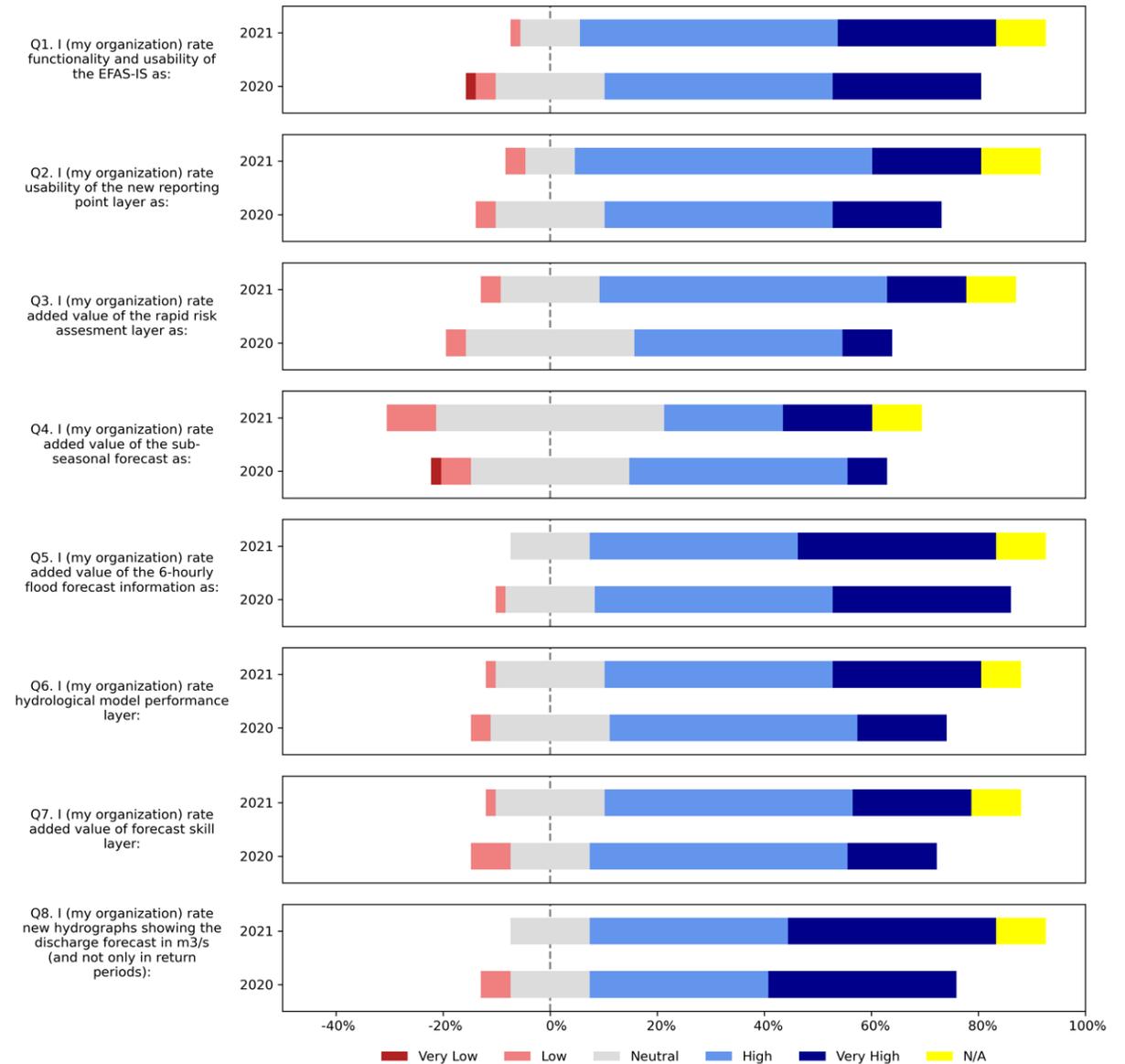


Emergency
Management

EFAS survey

An annual survey in order to
improve EFAS service!

All EFAS Partners will receive a link
in January 2023 and request for
feedback for the entire 2022.





Emergency
Management

EFAS User Guide – NEW!

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

EFAS User Guide

Skapad av Karen O'Regan, senast ändrad av nina...

The EFAS User Guide is intended for users of the European Flood Awareness System (EFAS) and those who want to learn more about the system. The page tree to the left for navigation and the Table of Contents for improvement are welcome and can be

Feedback welcome!
Please send it to info@efas.eu

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- 1.1 The Copernicus Emergency Management Service
- 1.2 CEMS Floods at a glance
- 1.3 EFAS user community

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- ▼ CEMS-Flood
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 - > Global Flood Awareness System
- ▼ CEMS-Flood User Guide Corner
 - ▼ **EFAS User Guide**
 - > 1 Background
 - 2 EFAS products
 - > 3 EFAS in use
 - > 4 Hands-on
 - > 5 EFAS resolution
 - 6 Contributing to EFAS
 - 7 FAQ in EFAS

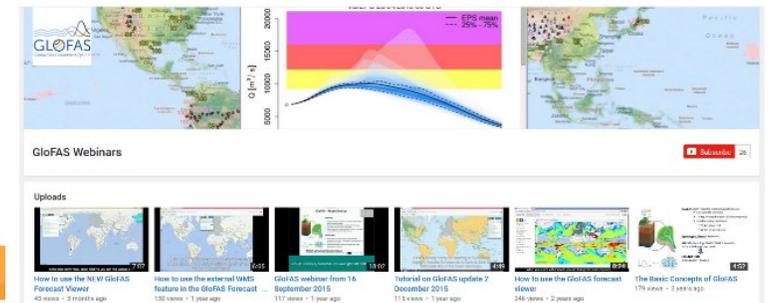
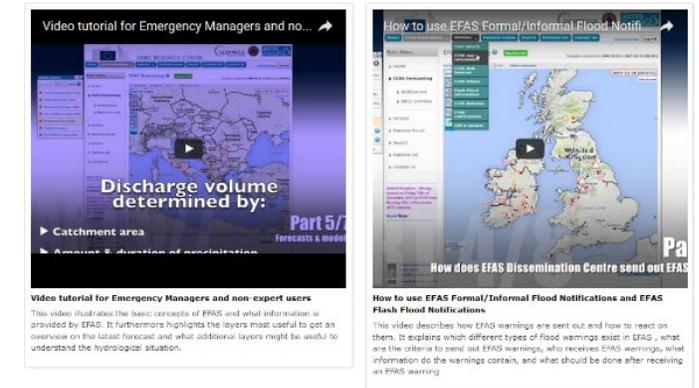


More information?

Looking for an answer to my question:

Check first under:

- the EFAS home page (a lot of methods, products and data have been documented here)
- All EFAS layers have a legend!
- Check the video tutorials on EFAS
- Attend organized webinars



If nothing helps write us an email 😊

info@efas.eu



Thank you for your attention!

Contact EFAS DISS: info@efas.eu
including any changes in contact details!