



Emergency Management

CEMS week - EFAS Annual Meeting 2021

EFAS Dissemination Centre

How your feedback improves the EFAS service

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Why to provide feedback?

To help improve the system!

Feedback enables the EFAS development team to:

- verify case studies
- validate skill scores
- assess the performance of the system

What can I provide feedback on?

- Formal Flood Notifications (soon Informal too)
- Flash Flood Notifications
- Missed events



A new feedback collection system integrated in EFAS-IS was introduced last year to streamline feedback providing, collection, and analysis.

Feedback on Formal Flood Notifications and missed events was covered in detail in the last EFAS webinar (26th May 2020).



Multi-Partner Feedback Process

This webinar provides information on the new EFAS feedback collection tool

<https://www.efas.eu/webinars>



Similar to the workflow for Formal Flood Notifications

EFAS Flash Flood Notification*

Country(ies): POLAND
Region(s): Podlaskie, Warszawski stołeczny, Wielkopolskie, Łódzkie
Earliest predicted peak: Wednesday, 14th of October 2020 - 06:00
Percent of affected area susceptible to landslides: Very High: 0%, High: 0%, Moderate: 0%
Forecast date: 2020-10-12 12 UTC
Comment: -

This is the only notification you will receive for this event! Please follow the evolution of the event on [EFAS](#).

EFAS FORECASTER ON DUTY

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** indicating a high probability of extreme precipitation and potential flash flooding*

LEAVE A FEEDBACK FOR THIS NOTIFICATION

[Leave the Feedback!](#)

Important! the user needs to be logged in www.efas.eu to be able to provide feedback

- Each notification can have more than one feedback item
- Only one piece of feedback is allowed from each partner

Provide feedback by clicking on the link in the EFAS Formal Flood Notification



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Feedback on Flash Flood Notifications



Overview

User Info	Event Info
Name: marc.girons@smhi.se	Date: 13/10/2020 - 07:45
Organization: Swedish Meteorological and Hydrological Institute, core services department	Country: POLAND
Country: Sweden	Basin: Wisla
	River: Narew, above Bug

*Was a flood observed in or around the area? **

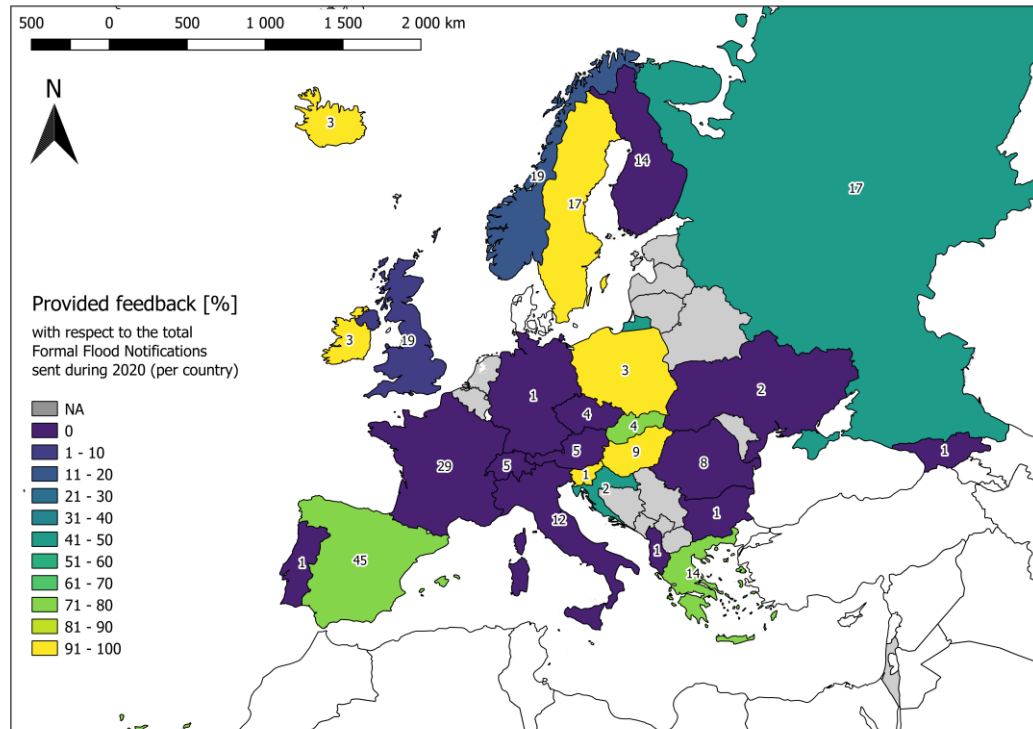
Drop some lines:

This notification was very helpful, thank you!

When the fields are filled*, click the "Send Feedback!" button to submit your feedback

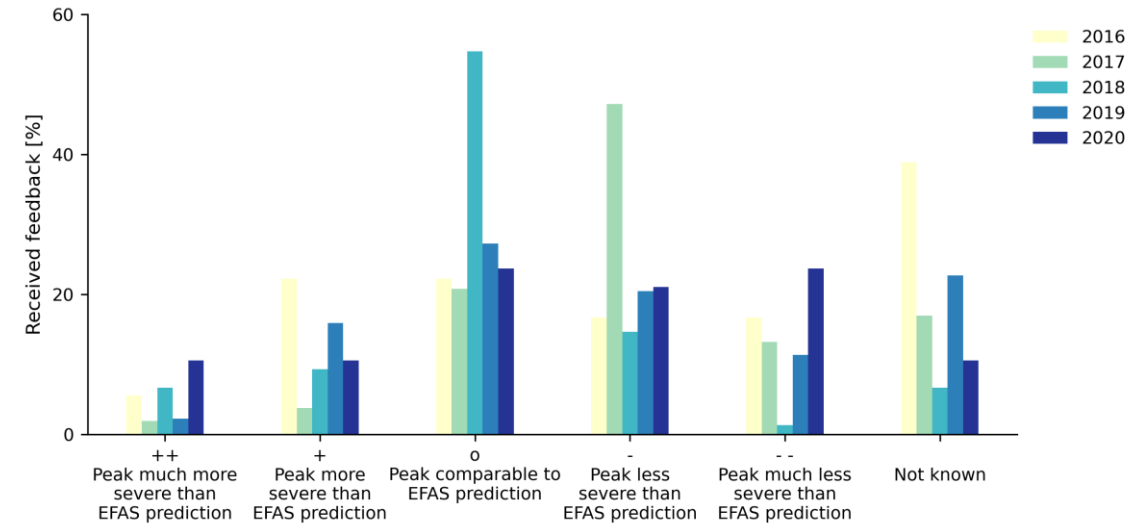


Analysis of feedback during 2020

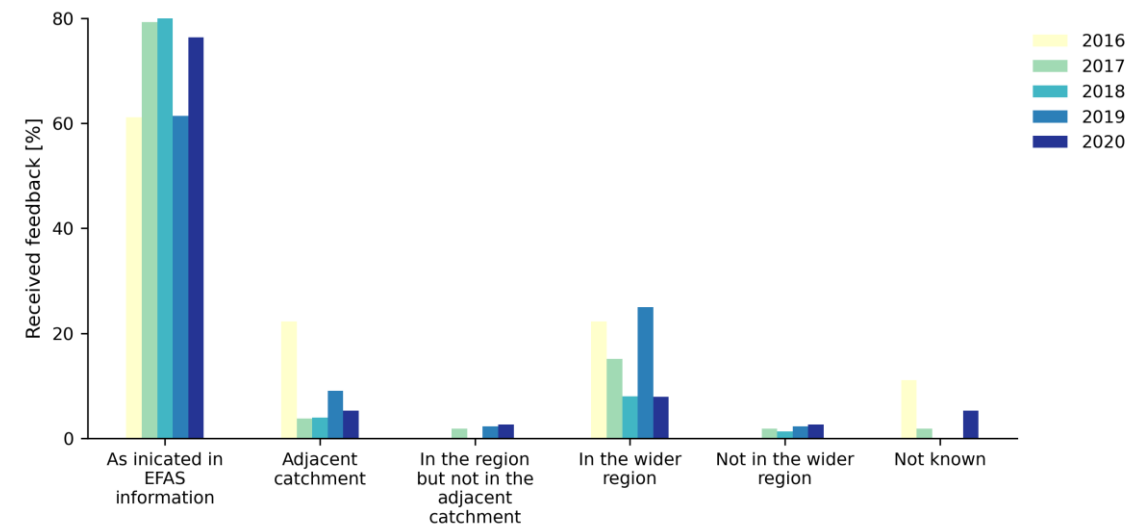


Every year, we analyse the received feedback on notifications in terms of accuracy and relevance to the EFAS partners.

How accurate was the notification (peak magnitude)?

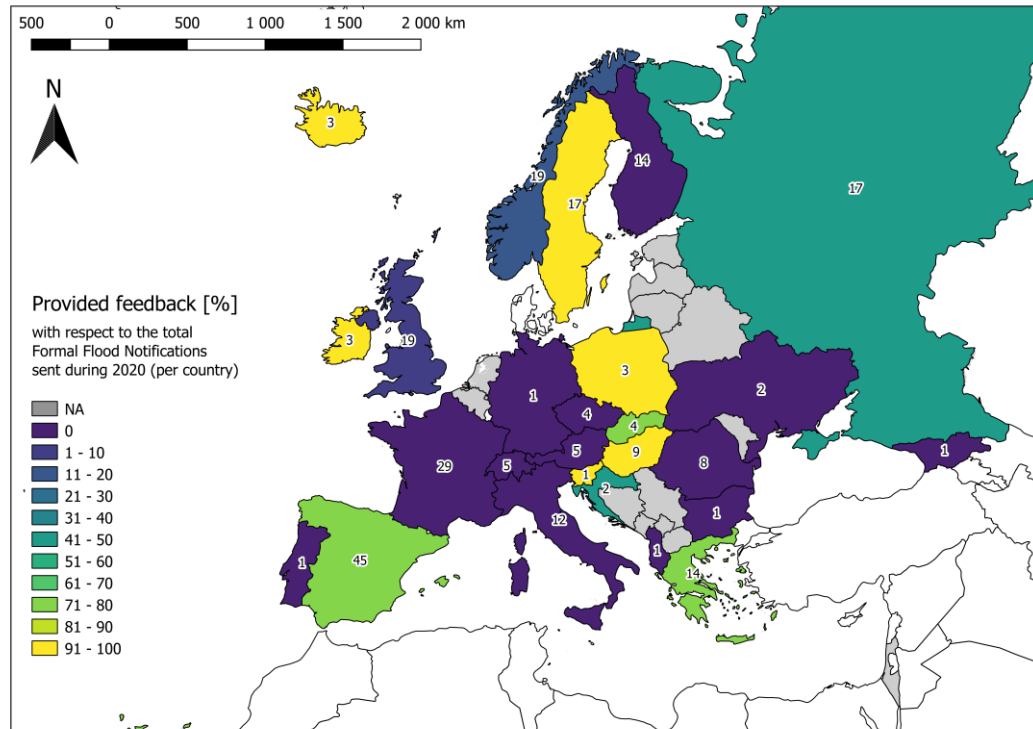


How accurate was the notification (location)?

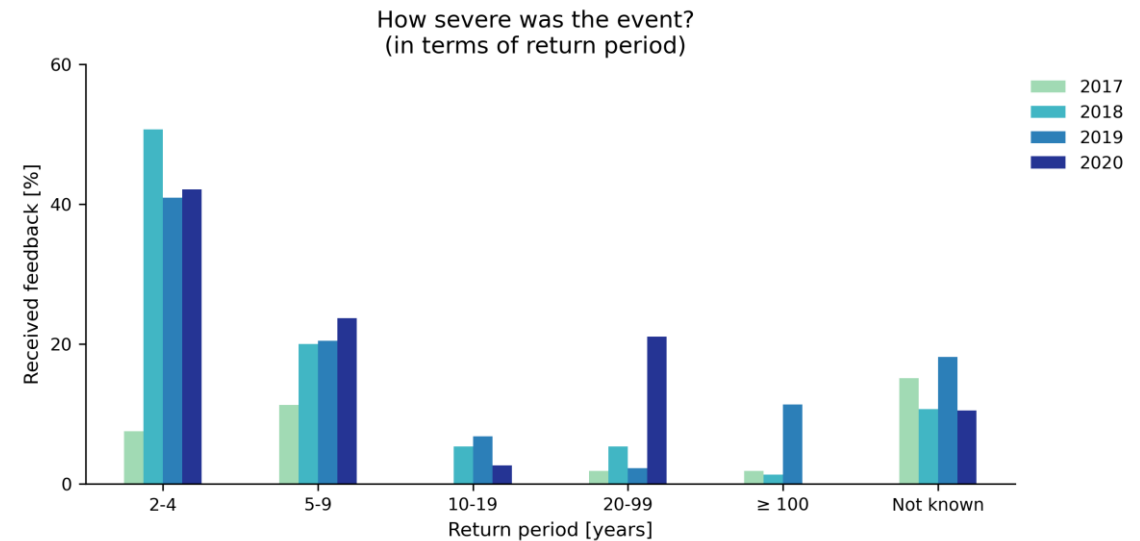
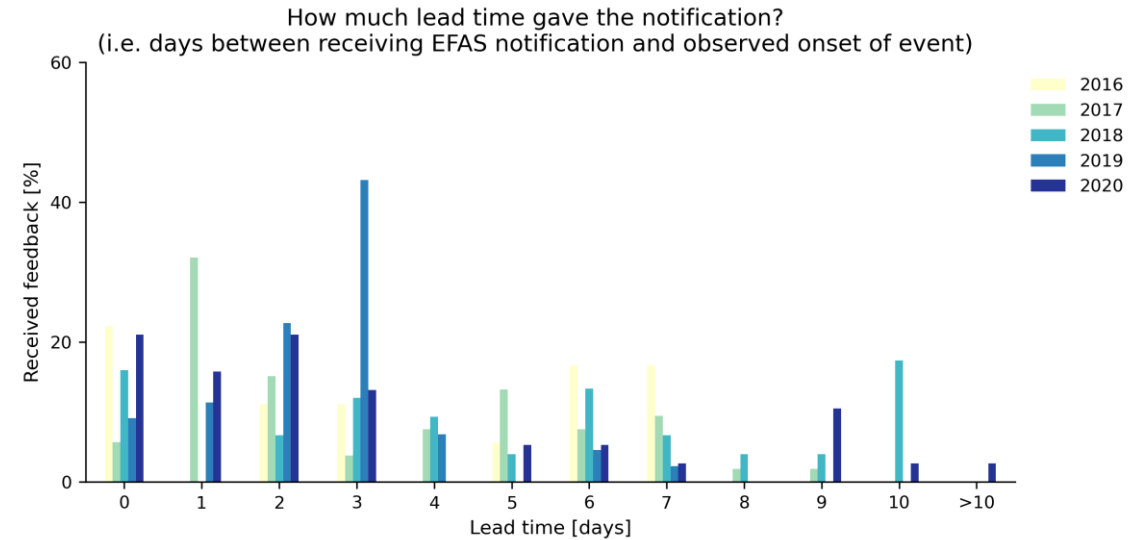




Analysis of feedback during 2020

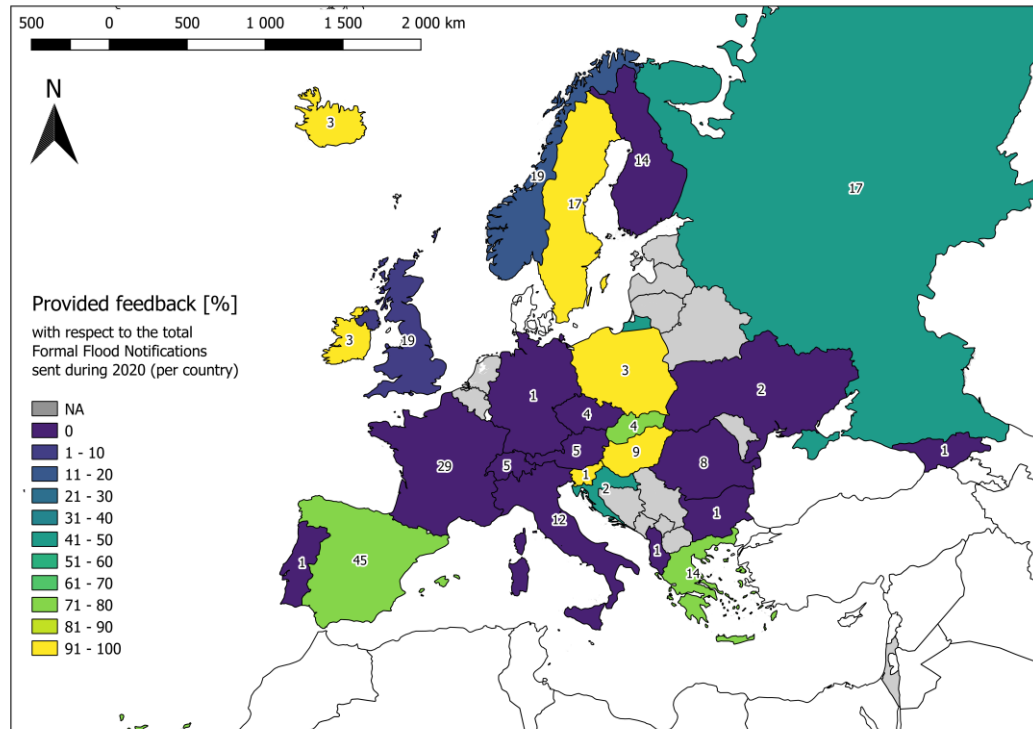


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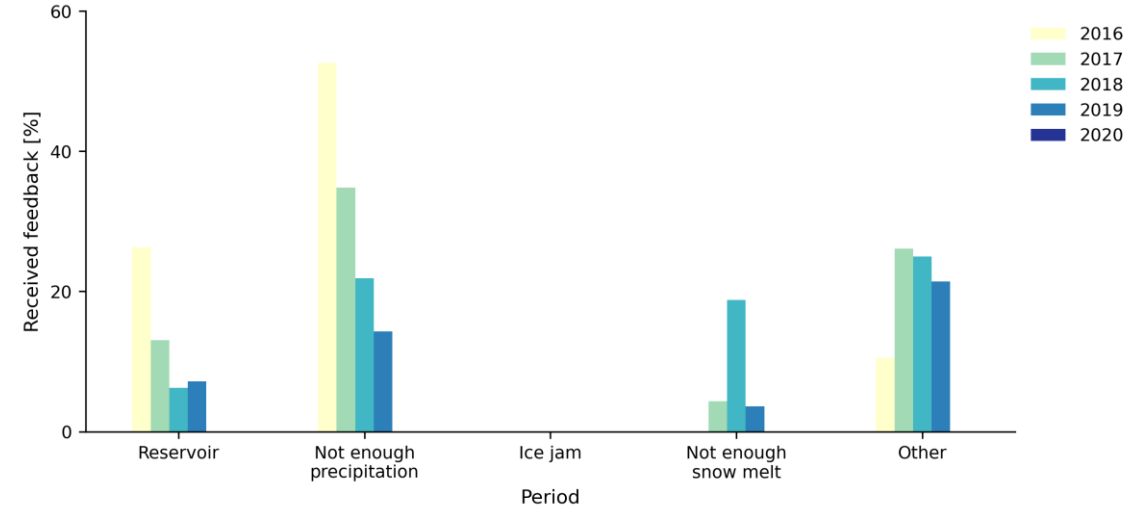


Analysis of feedback during 2020

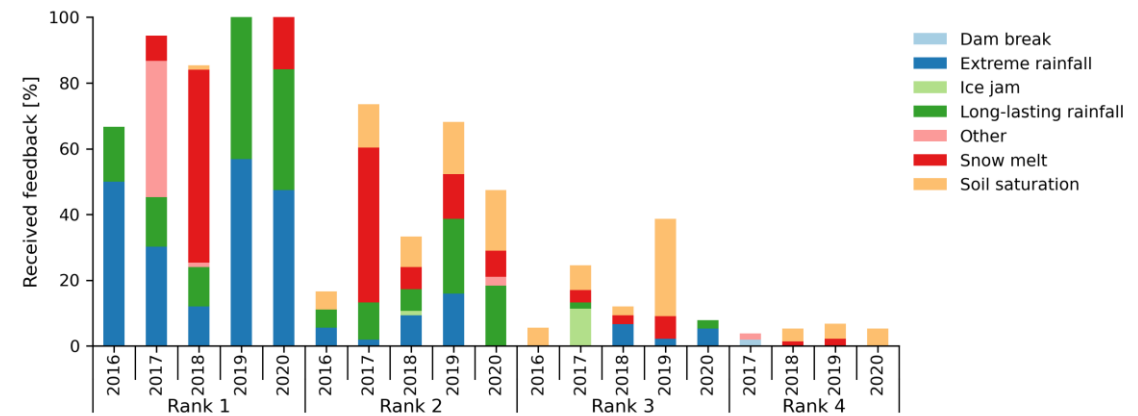


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If no flood, do you have an idea why the event did not occur?



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





Proposed improvements

Upgrade criteria for issuing Notifications

1. Information on model performance to be used as assessment criterion and guide notification-relevant decision-making.
2. Use of the forecasting skill score to identify the critical lead time (in days) in which forecasts are skillful and accordingly issue notifications.

Improve visualisation and data availability

1. Include information showing the observations used for model initialisation (precipitation and temperature).
2. Introduce a "Degree of regulation" product that visualizes the level that discharge is affected due to reservoir regulations.
3. Introduce a graph (similar to the ERIC graph) with the return periods of the forecasted extreme rainfall event.



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Thank you for your attention!

Contact EFAS DISS: info@efas.eu

