

Discussion on new developments or improvements for EFAS

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(acknowledgements to all DISS and COMP)

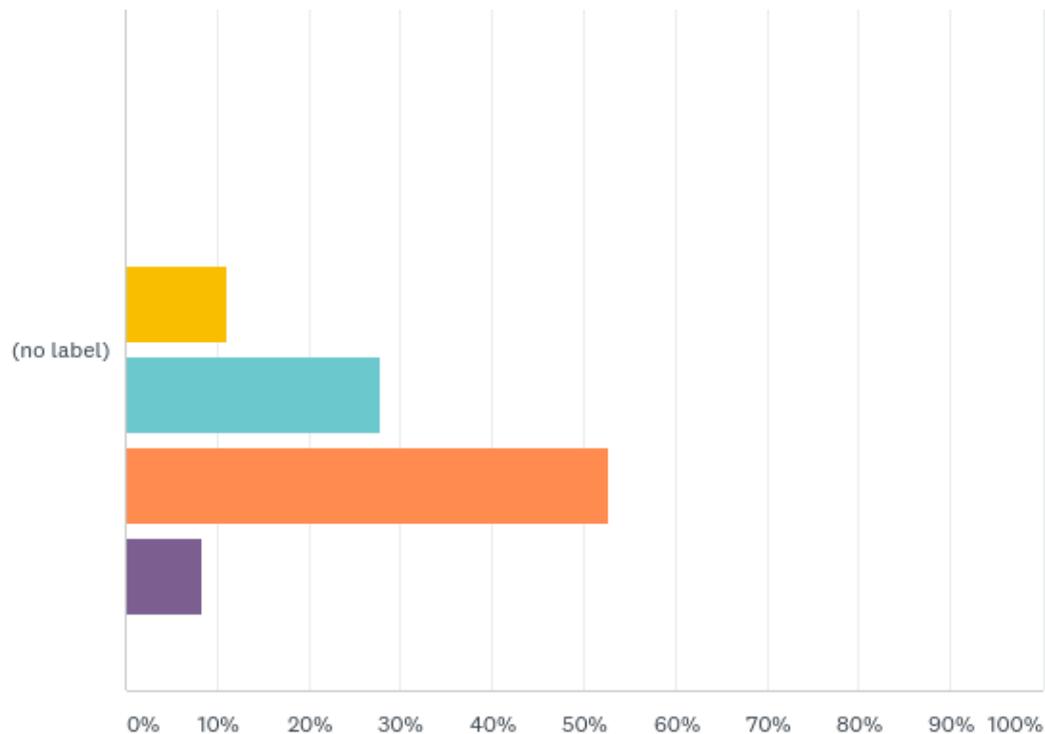
EFAS annual meeting 2019
21-22 May 2019, Stresa, Italy

Reporting from the 2 workshops



Results from the survey

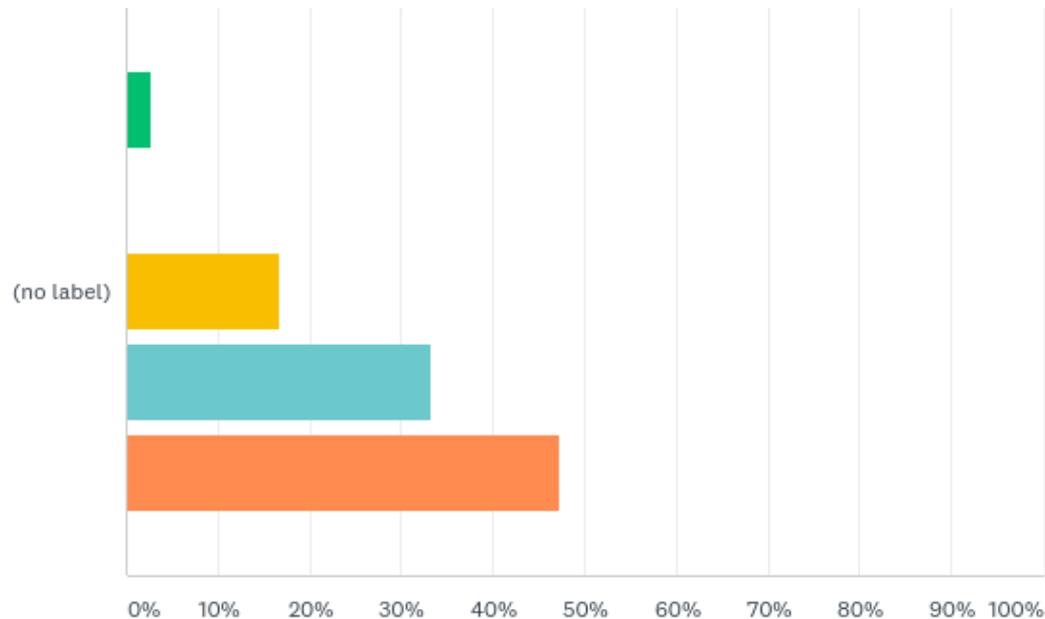
Q7: When we receive a notification from EFAS we always check our own information in more detail



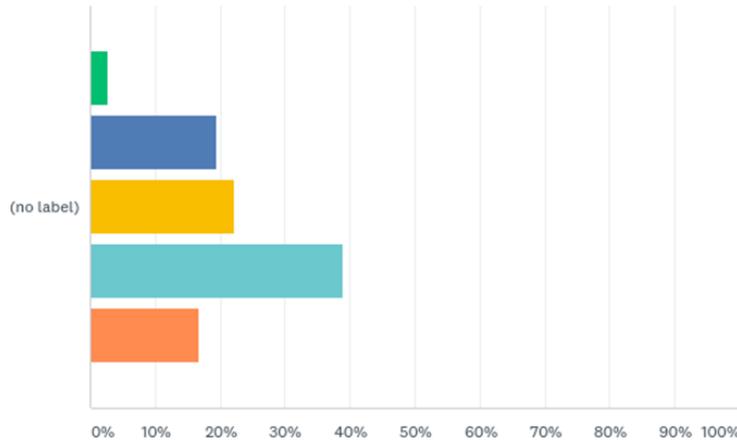
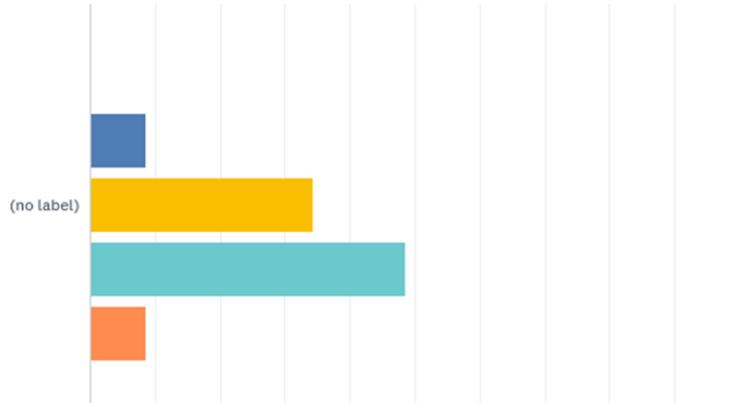
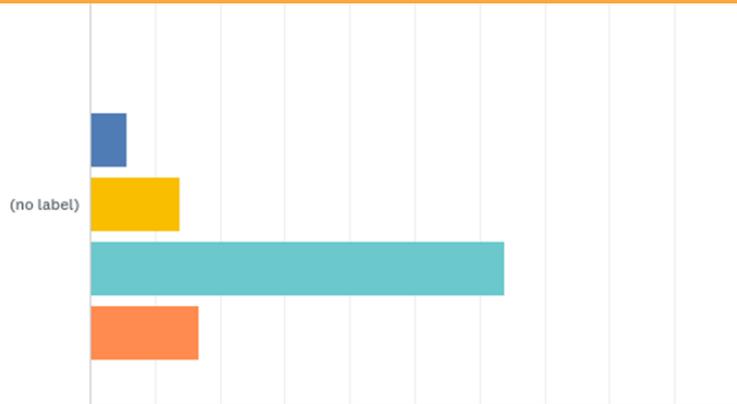
1 (strongly disagree) 2 (disagree) 3 (neutral) 4 (agree)
5 (strongly agree) no own system available

Results from the survey

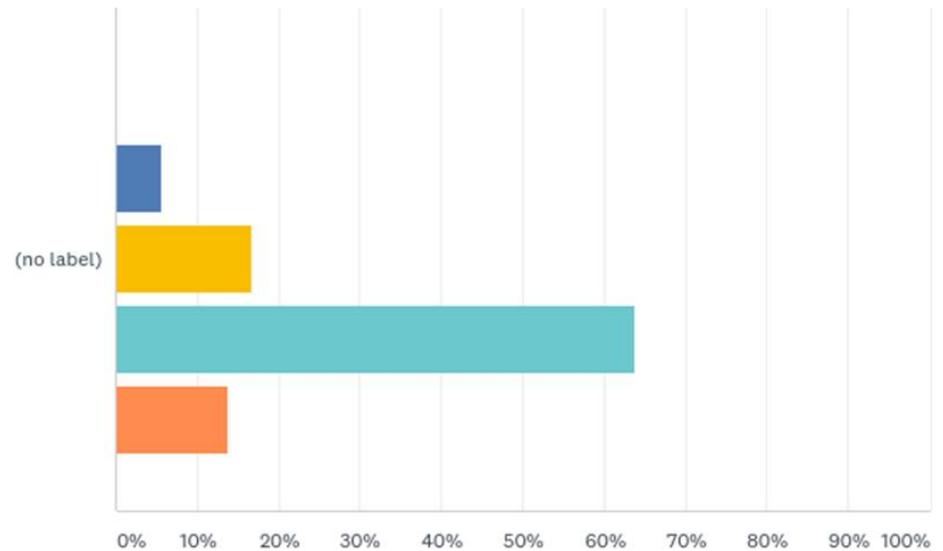
Q8: When we receive a notification from EFAS we always check the EFAS system



1 (strongly disagree) 2 (disagree) 3 (neutral) 4 (agree)
5 (strongly agree)



Q30: The products of EFAS represent added value for my organisation



■ 1 (strongly disagree)
 ■ 2 (disagree)
 ■ 3 (neutral)
 ■ 4 (agree)
 ■ 5 (strongly agree)

■ 1 (very low)
 ■ 2 (low)
 ■ 3 (neutral)
 ■ 4 (high)
 ■ 5 (very high)

Results from the survey

Q23: I would like a training or webinar on:

Model understanding:

- Hydrological modelling (LISFLOOD)
- Uncertainties, ensemble post-processing
- Model performance (historical, forecasts)

Nowcasting:

- ERICHA

Short range:

- Flash Flood forecasts/thresholds
- Impact forecasting

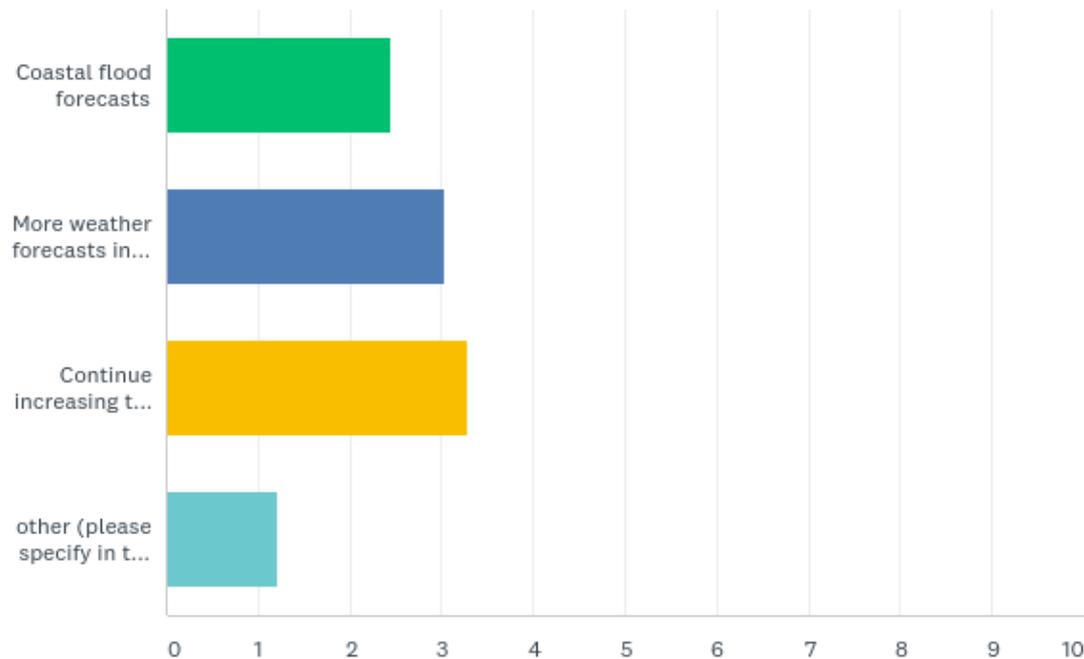
Long-ranges:

- Seasonal prediction

New EFAS products

Results from the survey

Q36: I think EFAS should be including in the future



Q37: I think EFAS should be including in the future:

1. Storm surge forecasts
2. Multi-modelling (hydro, seasonal climate models)
3. Flash flood forecasting skill
4. Reservoir influence on flood notifications
5. Drought indicators
6. ICON-EU-EPS
7. Automatic verification of events using real-time data
8. Point rainfall post-processed ensemble forecasts from ECMWF, probabilities of precip. type
9. EFAS should elaborate together with partners "best practices"

Q39: If you had three wishes for EFAS (e.g. additional suggestions, comments, new development and products, ...) what would those be?

1. More information about the layers
2. EFAS should also provide tools and methods to use in partner systems
3. Include additional NWP
4. River name in real time hydrographs
5. Support to Eastern European countries to improve their services
6. Extended horizons to sub-seasonal
7. Drought indicators
8. Improvements (resolution of gridded products; seasonal forecasts representation; flash flood module)
9. Automatic verification of events using real-time data
10. In notifications to be included amount of expected precipitation, their intensity and the peak of the discharge
11. Point rainfall post-processed ensemble forecasts from ECMWF

Other topics for open discussion

- ★ **How could visualization of the EFAS-IS be improved?**
- ★ **Do you have feedback on using seamless forecasts?**
- ★ **Feedback from Flash Flood Notifications**