CONTINUED ACTIONS

➢ IMPROVING GLOFAS FORECASTS AND GFM MONITORING ACCURACY

CEMS-Flood constantly strives to enhance GloFAS and GFM accuracy for the global domain.

Improvements to the set-up and calibration of the OS LISFLOOD hydrological model at the core of GloFAS forecasts contribute to more accurate and timelier forecast. The hydrological model is calibrated using in-situ observation of discharge data, contributions from GloFAS users is crucial to expand the hydrological dataset, and eventually improve service quality:

https://confluence.ecmwf.int/display/CEMS/Share+your+data+with+GloFAS

The improvements included in GloFASv5.x (expected by the end on 2025) are explained in this presentation (recordings available from here).

Similarly, continued work on the interpretation algorithms and on their combination strategy lead to more accurate GFM products. The recent GFMv4 operational release included several major improvements, as described in this presentation (recordings available from here).

Forecast errors and monitoring errors reported by GloFAS and GFM users trigger internal analysis to identify causes and possible corrections in the operational set-up: users feedback is therefore highly valuable and it can be submitted via the contact form.

➢ PROVISION OF TRAININGS ON THE USE OF CEMS GLOFAS AND GFM FOR OPERATIONAL PURPOSES

Requests for trainings can be submitted via the contact form. CEMS-Flood team will contact the users to assess feasibility, modalities, and timeline of the training. Training material is also available in the form of pre-recorded webinars (currently available in English and French)