LONG-TERM ACTIONS

➢ POSSIBILITY TO DOWNLOAD TIME SERIES FROM THE GLOFAS MAP VIEWER

Users will be able to download forecast time series (e.g. in csv format) for the reporting points of their interest.

➢ AI DRIVEN CHATBOT TO OBTAIN QUICK ANSWERS IN DIFFERENT LANGUAGES

As mentioned above, GloFAS and GFM provide a wealth of online material: documentation, user guides, tutorials. Improving these resources in terms of clarity, easiness of access, and completeness is a continuous and crucial task. Questions and specific feedback from the users are essential to identify opportunities for improvement and errors. However, setting up and maintaining such a large amount of information in several languages is not feasible, with the risk of inducing misunderstandings and misuse of GloFAS and GFM products and data.

However, CEMS-Flood team acknowledge the advantage of accessing information in different languages, especially under time pressure. For this reason, the provision of an AI driven chatbot capable of delivering answers in different languages has been classified as a medium-term development. More specifically, the Copernicus Land Monitoring Service has set up an AI chatbot, Copernicus Observia, which will provide information also about other Copernicus services such as CEMS and its tools (e.g. GloFAS, GFM). The chatbot is already accessible but it should be noted that this is a beta version and several improvements will still be added in the future.

➢ CROSS-COMPARISON OF HISTORICAL FLOOD EXTENT WITH FORECASTED CONDITIONS

GFM Sentinel-1 data cube offers information on historical flood extents. This product, combined with the availability of GloFAS forecast can support the analysis by users. Tools for direct cross-comparison of historical flood extent with forecasted conditions are currently not available. Nevertheless, CEMS-Flood agrees on the relevance of this analysis, work for this purpose is planned as a long-term development.

➢ INTEGRATION OF COASTAL FLOODS INTO GLOFAS

CEMS-Floods is aware and agrees on the importance of this major development.