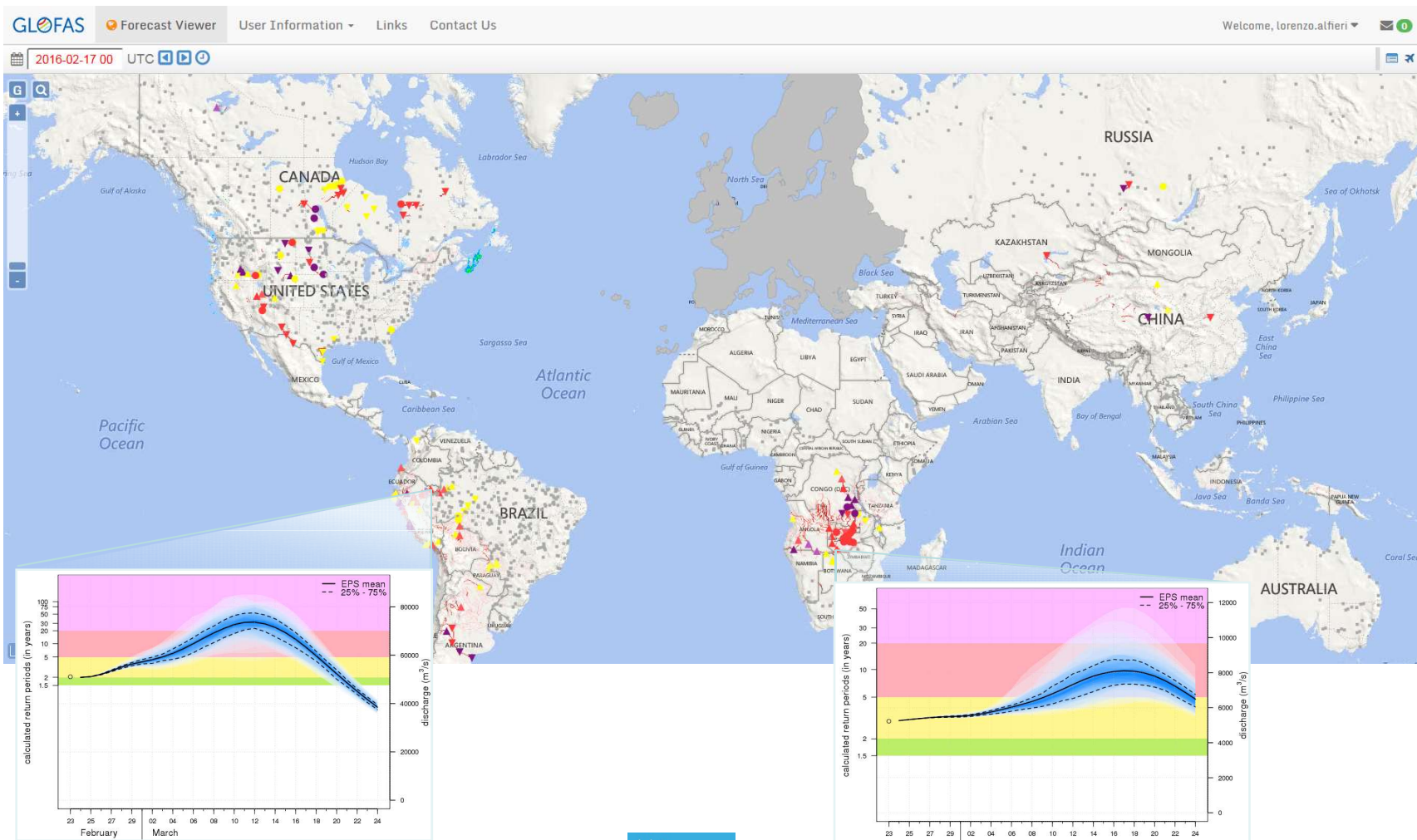




European
Commission

GloFAS - The Global Flood Awareness Systems



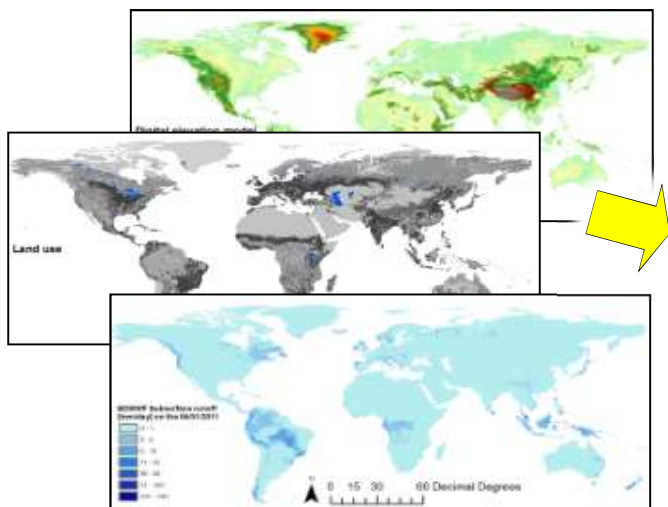
Joint
Research
Centre



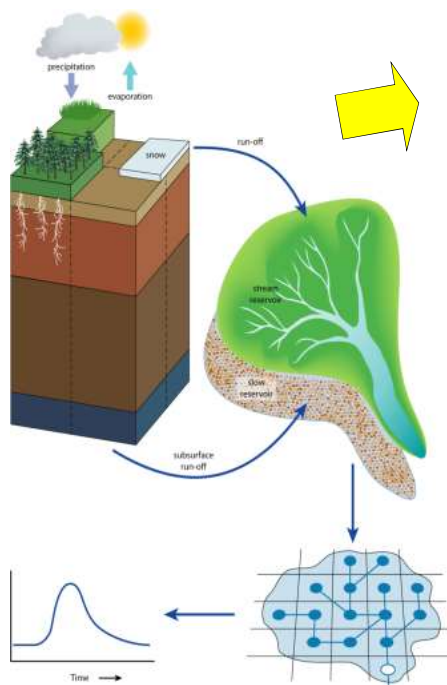
European Commission

System overview

Input data Global spatial information

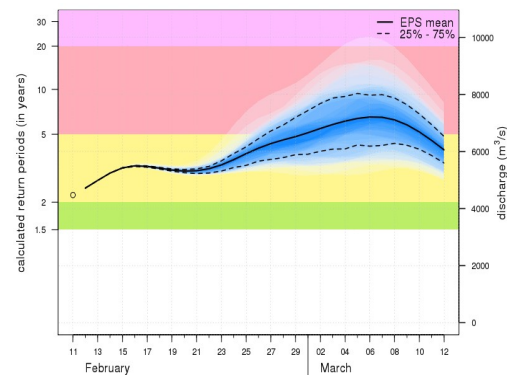


Hydrological model

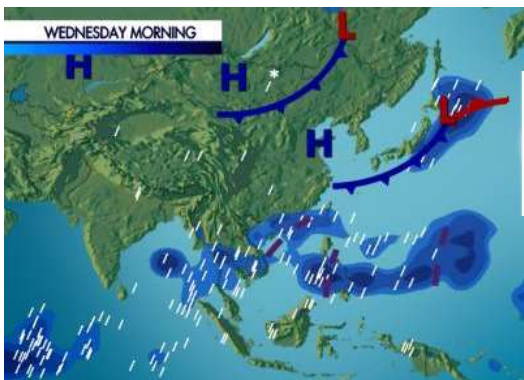


Grid resolution: 0.1° (~ 10 km)
Temporal resolution: 1 day

Output River flow forecast

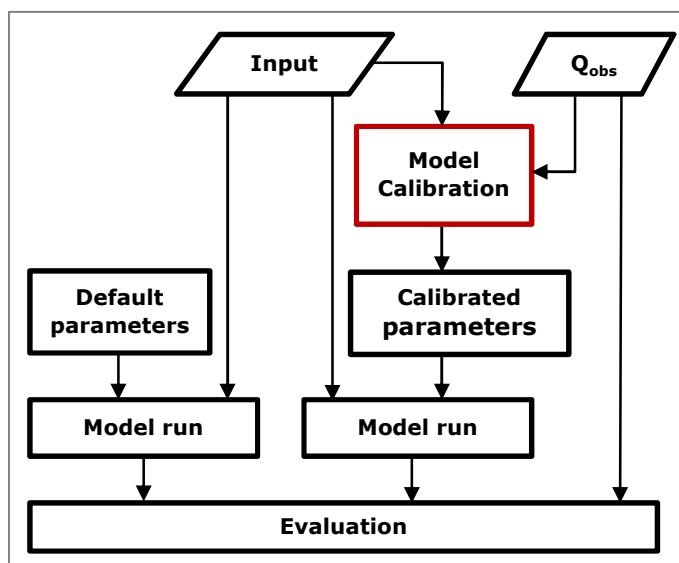


Flood warning

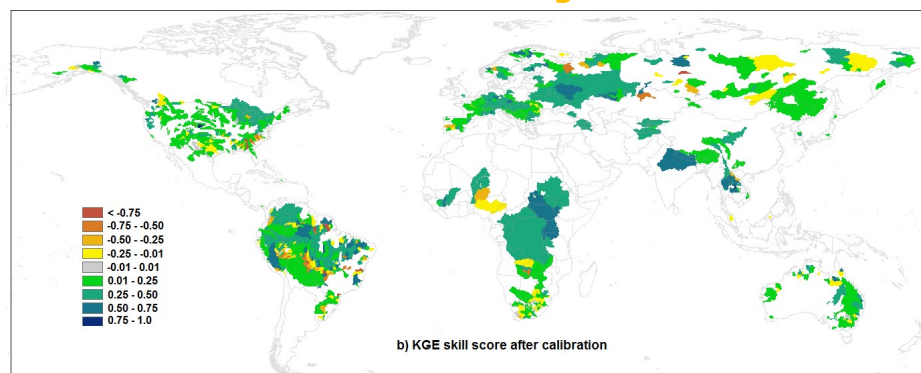


Weather observations/predictions

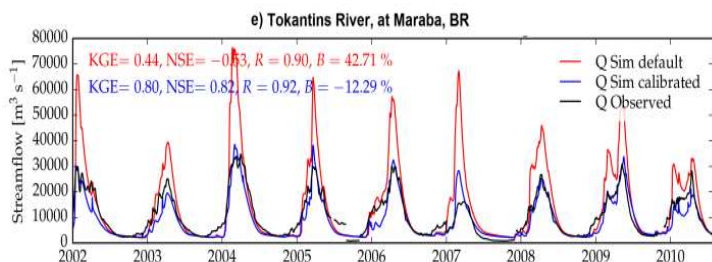
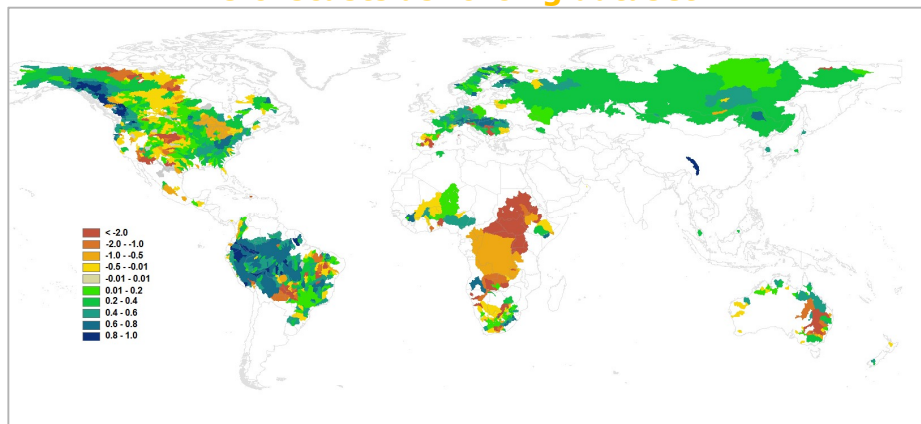
Calibration and Evaluation of GloFAS



ERA-Interim as forcing dataset



Reforecasts as forcing dataset



Lake & reservoir data assimilation in GloFAS

