



## Agenda

### Day 1: 02 April 2025

Time (UTC)	Topic	Presenter
13:00 – 13:05	Opening and welcome	Peter Salamon (European Commission Joint Research Centre, EC JRC)
13:05 – 13:15	The <b>Global Flood Awareness System (GloFAS)</b> - a short introduction and latest news	Christel Prudhomme (CEMS COMP/European Centre for Medium-Range Weather Forecasts, ECMWF)
13:15 – 13:25	The <b>Global Flood Monitoring (GFM)</b> - a short introduction and latest news	Michaela Seewald (CEMS GFM/ GeoVille )
13:25 – 14:10	<p><b>Short Talks: GloFAS and GFM use cases and applications – Session 1:</b></p> <ol style="list-style-type: none"> <li>1. Strengthening Flood Early Warnings in Nigeria: Integrating GloFAS Forecasting with Save the Children’s Community-Driven EWS</li> <li>2. Impact of freshwater fluxes on ocean modelling systems: Towards the combination of in situ and satellite measurements with the GloFAS reanalysis to improve river discharge</li> <li>3. CENTAUR: Enhancing Climate Crisis Preparedness with Advanced Flood Early Warning and Impact Assessment Indices</li> <li>4. Forecasting River Flood Impact Estimates for the WMO Coordination Mechanism</li> <li>5. Riverine flood forecast skill assessment of GloFAS and Google Flood Hub in Mali</li> </ol>	<ol style="list-style-type: none"> <li>1. Odil Kurbanov (UDA Consulting)</li> <li>2. Thomas Vaujour (Magellium)</li> <li>3. Simone Riccardi (e-GEOS)</li> <li>4. Eliane Kobler (Institute for Environmental Decisions, ETH Zürich/Federal Office of Meteorology and Climatology MeteoSwiss)</li> <li>5. Els Kuipers (510, The Netherlands Red Cross)</li> </ol>
14:10 – 14:30	<i>GFM evolution 1: The latest <b>GFM major release</b> and the <b>integration of Sentinel 1C</b></i>	Florian Roth (CEMS GFM/ TU Vienna )
14:30 – 14:45	<i>BREAK</i>	

Time (UTC)	Topic	Presenter
14:45 - 15:05	<i>GFM evolution 2: Accessing the <b>GFM archive</b> using the <b>new Spatio-Temporal Asset Catalogue (STAC)</b></i>	Tobias Stachl (CEMS GFM/ Earth Observation Data Centre)
15:05 – 15:10	Introduction to interactive sessions in breakout rooms	Peter Salamon (EC JRC)
15:10 – 15:45	<i>Interactive session 1:</i> <b>Exploring and interpreting GFM layers</b> <i>Interactive session 2:</i> <b>How to make the most of the new Spatio-Temporal Asset Catalogue (STAC) of the GFM</b> <i>Note: Basic python knowledge is recommended for interactive session 2!</i>	<i>Interactive session 1:</i> Florian Roth (CEMS GFM/ TU Vienna ) <i>Interactive session 2:</i> Tobias Stachl (CEMS GFM/ Earth Observation Data Centre )
15:45 - 16:05	WMO pilot study of global riverine flood prediction products	Michael Schwab (WMO) & Andy Wood (UCAR)
16:05 – 16:25	The SEED-FD project: objectives and preliminary results	Vanessa Pedinotti (Magellium)
16:25 - 16:30	Closure day 1 and outlook to day 2	Peter Salamon (EC JRC)

## Day 2: 03 April 2025

Time (UTC)	Topic	Presenter
13:00 – 13:05	Welcome Day 2 and recap Day 1	Peter Salamon (EC JRC)
13:05 - 13:25	Predictions via the integration of GloFAS and GFM products: a case study of the July 2021 Alzette River flood, Luxembourg	Patrick Matgen (Luxembourg Institute of Science and Technology)
13:25 – 13:45	GloFAS evolution 1: The upgraded <b>seasonal and sub-seasonal products</b>	Ervin Zsoter (CEMS COMP/ ECMWF)
13:45 – 14:35	<b>Short Talks: GloFAS and GFM use cases and applications – Session 2:</b>  <ol style="list-style-type: none"> <li>Unprecedented Flood Events and Susceptibility Mapping in the Rio Grande do Sul, Brazil</li> <li>(provisional) Operational work together with a customer from the insurance industry</li> <li>GLOFAS in Action: Following the Forecast to Drive Anticipatory Action in Guatemala</li> <li>Advanced Flood Risk Assessments &amp; Early Warnings</li> <li>Updates from JBA's Flood Foresight</li> <li>Flood Inundation Mapping Using the HAND Approach and LiDAR DEM</li> </ol>	<ol style="list-style-type: none"> <li>Márcio Moraes &amp; Larissa Antunes (Brazilian Center for Early Warning and Monitoring of Natural Disasters)</li> <li>Benedikt Gräler (52°North Spatial Information Research GmbH)</li> <li>Reem AbuBaker (International Rescue Committee, IRC)</li> <li>Nikhilesh Kumar (Vassar Labs)</li> <li>Helen Griffith (JBA Consulting UK)</li> <li>Foad Brakhasi (Bureau of Meteorology, Australia)</li> </ol>
14:35 – 14:45	<b>BREAK</b>	

14:45 – 14:50	Introduction to interactive sessions in breakout rooms	Peter Salamon (EC JRC)
14:50 – 15:30	<p><i>Interactive session 1:</i>  <b>Tips &amp; tricks</b> on using the <b>GloFAS map viewer</b> and interpreting the <b>GloFAS forecasts</b></p> <p><i>Interactive session 2:</i>  <b>Accessing and downloading GloFAS data</b> from CEMS Early Warning Data Store  <i>Note: Basic python knowledge is recommended for interactive session 2!</i></p>	<p><i>Interactive session 1:</i>  Gurpreet Dass  (CEMS COMP/ ECMWF) &amp;  Nina Bosshard  (CEMS DISS/ Swedish Meteorological and Hydrological Institute)</p> <p><i>Interactive session 2:</i>  Mohamed Azhar  (CEMS COMP/ ECMWF)</p>
15:30 – 15:50	<i>GloFAS evolution 2:</i> <b>Hydrological model improvements and a new calibration</b> for GloFAS v5.x	Stefania Grimaldi (EC JRC)
15:50 – 16:10	GloFAS in the Emergency Response Coordination Center operations	Arjan Hijlkema (DG European Civil Protection and Humanitarian Aid Operations, European Commission)
16:10– 16:30	Performance of GFM during the Odra flood 2024 in Germany	Silke Mechernich (Federal Institute of Hydrology (BfG), Germany)
16:30– 16:35	What's next for CEMS GloFAS & GFM and closure of the meeting	Peter Salamon (EC JRC)