

ROLES AND RESPONSIBILITIES OF REGIONAL CENTRES IN FLASH FLOOD GUIDANCE SYSTEM (FFGS)

1. Provide coordination with the project partners and participating NMHSs and maintain a focal point for all operations and activities.
2. Assist during the FFGS development and implementation phases in collection of the required data from the participating countries; coordinating country-specific reviews of various products created and data sets.
3. Provide communications, infrastructure facilities and human resources to maintain and operate servers to run FFGS to provide products and data to the participating NMHSs.
4. Receive various data such as satellite and radar precipitation estimates, in-situ observations from participating NMHSs, QPF from NWP models.
5. Provide on-going quality control of FFGS processing tasks, data and products and monitor routinely the availability of the FFGS products.
6. Collect and share any concerns regarding the system's products with WMO, HRC and participating countries.
7. Maintain the FFGS operational database and make data available to participating NMHSs.
8. Evaluate the FFGS products from a regional perspective ensuring accuracy and consistency of FFGS products throughout the region and communicate its perspectives to the participating NMHSs.
9. Participate in the FFGS IT training – focus on technical and operational capacities for system administration, data management and system maintenance.
10. Organize and provide, in cooperation with WMO and HRC, routine training on system operations, product interpretation, product verification, and other items to participating NMHSs forecasters.
11. Provide hydrometeorological expertise and advice on how to improve forecast skill levels to prepare flash flood forecasts and warnings and where appropriate, assist the participating NMHSs with the issuance of flash flood watches and warnings.
12. Prepare regional teleconferences and virtual briefings and lead discussions to properly evaluate flash flood potential using the FFGS and other available tools.
13. Provide regional and national verification of flash flood warnings, assist NMHSs in undertaking verification, collect and share verification results with WMO, HRC and participating countries.