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Roles and Responsibilities of the Regional Centre (RC) and NMHSs



WMO OMM

World Meteorological Organization
Organisation météorologique mondiale

Role and Responsibilities of the RC

- Provide effective coordination among the project partners, including WMO, HRC, NOAA as well as participating NMHSs;
- Host servers to run HDRFFGS models to provide products and data to the participating NMHSs, receive data from various sources such as satellite precipitation from NOAA, in-situ observations from GTS, QPF from NWP models and allow forecasters to access to the operational products through internet;
- Establish data transfer tools via secure ftp to exchange data between NHMSs and HRC;



Role and Responsibilities of the RC

- Maintain servers, operating system, and FFGS application software with the support of HRC;
- Monitor routinely the availability of the HDRFFGS products;
- Issue flash flood warnings and provide them to the national Disaster Management Agency in understandable messages;
- Conduct validation study on the flash flood warnings; and
- Facilitate and participate in flash flood hydrometeorologist training programme (Step 1-5) in cooperation with WMO and HRC.



Role and Responsibilities of the NMHSs

- Have good cooperation and contact with the RC;
- Monitor daily the HDRFFG system for their own respective country;
- Prepare flash flood watches/warnings/alerts when it is considered necessary and disseminate them to respective national agencies including Disaster Management Agency;
- Provide historical data to the HDRFFGS developer, HRC, through their RC during the development and implementation phases;
- Work with the RC for the provision of in-situ observation data through GTS and/or FTP to the RC;



Role and Responsibilities of the NMHSs

- Participate in the flash flood hydrometeorologist training programme (Step 1-5);
- Provide training to local duty/shift forecasters to build local capacity to use the HDRFFGS products in issuance of the flash flood warnings;
- Cooperate with national agencies, e.g., to introduce HDRFFGS products for disaster management, water management, and agriculture; and
- Prepare case studies for flash flood events and conduct verification studies, distributing the results to the RC and HRC.



Thank you

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For more information please visit:

<http://www.wmo.int/ffgs>

<http://www.hrcwater.org>