



First Steering Committee Meeting of the Mekong River Commission Flash Flood Guidance (MRCFFG) System

Responsibilities of the Regional Centre (RC) and NMHSs



WMO OMM

World Meteorological Organization

Organisation météorologique mondiale

Responsibilities of the Regional Centre (RC)

- Provide effective coordination among the project partners, including WMO, HRC, NOAA as well as participating NMHSs;
- Host high performance servers to run MRCFFG model 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;

Responsibilities of the Regional Centre (RC)

- Maintain servers, operating system, and FFGS application software with the support of HRC;
- Monitor routinely the availability of the MRCFFG 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.

Responsibilities of participating NMHSs

- Have good cooperation and contact with the RC;
- Monitor daily the MRCFFG 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 MRCFFG 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;



Responsibilities of participating 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 MRCFFG products in issuance of the flash flood warnings;
- Cooperate with national agencies, e.g., to introduce MRCFFG products for disaster management, water management, and agriculture; and
- Prepare case studies for flash flood events and conduct verification studies, distributing the results to RC and HRC.

Thank you

Paul Pilon

ppilon@wmo.int

Ayhan Sayin

asayin@wmo.int



WMO OMM

World Meteorological Organization

Organisation météorologique mondiale