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Roles and Responsibilities of the Department of Meteorology and Hydrology of Myanmar

WEATHER CLIMATE WATER
TEMPS CLIMAT EAU



WMO OMM

World Meteorological Organization

Organisation météorologique mondiale

Role and Responsibilities

- Coordinate with the project partners, including WMO, HRC, NOAA;
- Provide historical data to the Myanmar FFGS developer, HRC, during the development and implementation phases;
- Establish data transfer tools via secure FTP server to exchange data between DMH and HRC;
- Host high performance servers to run Myanmar FFGS models to provide products and data, receive data from various sources such as Satellite Precipitation from NOAA, in-situ observations, QPF from NWP models and allow forecasters to access the operational products through internet;

Role and Responsibilities

- Maintain servers, operating system, and FFGS application software with the support of HRC;
- Monitor routinely the availability of the Myanmar FFGS products;
- Issue flash flood warnings and provide them to the national Disaster Management Agency in understandable messages;
- Conduct validation studies 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

- Provide training to local duty/shift forecasters to build local capacity to use the Myanmar FFGS products for issuing flash flood warnings;
- Cooperate and share FFGS products with national agencies, e.g., introduce Myanmar FFGS 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 HRC and WMO.



Thank you

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For more information please visit:

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

<http://www.hrcwater.org>