MRCFFGS Project Implementation Status

Hydrologic Research Center
San Diego, California

Eylon Shamir  Eshamir@hrcwater.org

Initial Training Workshop & First Steering Committee Meeting (SCM 1)
29 November – 1 December, 2016
Phnom Penh, Cambodia
MRCFFGS is operational since October 2009 at the Regional Flood Management and Mitigation Center (RFMMC), Phnom Penh, Cambodia.

The program is now part of the **Flash Flood Guidance System with Global Coverage Project.** A partnership between WMO, USAID/OFDA, HRC and NOAA.

Pending Tasks with the upgraded MRCFFG system:
- Revise the geographic extent
- Additional calibration, precip. bias adjustment, WRF adaptation
- Purchasing and installing a server at the RFMMC
- Onsite installation support for the software
- Two additional steering committee meetings
- Online training (prerequisite for the HRC training)
- Operational training at HRC, San Diego California
- A regional training workshop
New System / New Features

- Numerical Weather Prediction Model WRF for the entire domain. Twice daily 11x11 km, possibly 6x6 km
- New precipitation estimates
  - Microwave adjusted by Global Hydro Estimator
  - Gauge mean areal precipitation
- Improved bias correction procedure
- Dashboard: