



USAID
FROM THE AMERICAN PEOPLE



WEATHER CLIMATE WATER
TEMPS CLIMAT EAU

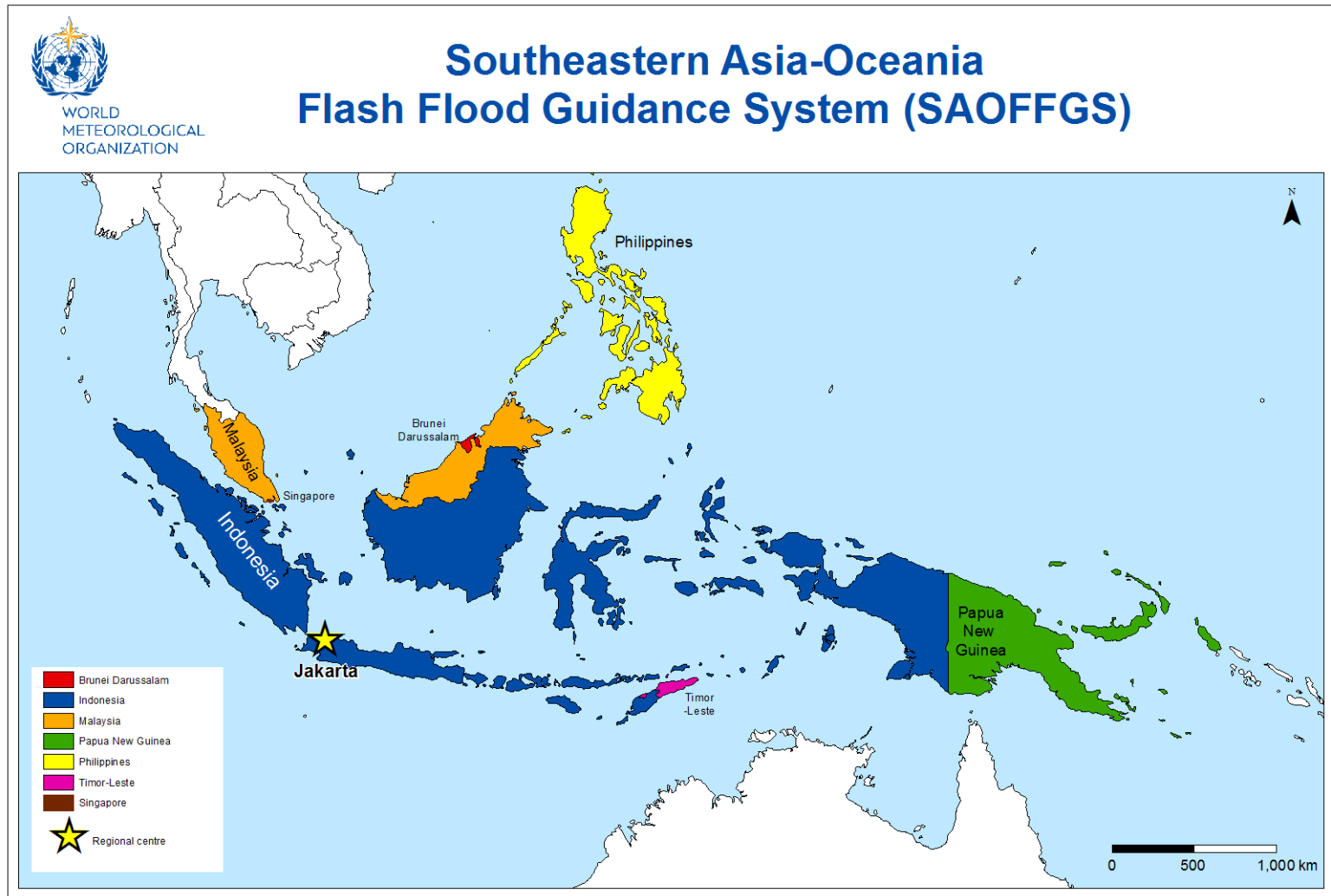
Responsibilities of the Regional Centre (RC) and NMHSs



WMO OMM

World Meteorological Organization
Organisation météorologique mondiale

Responsibilities of the Regional Centre (RC)



Responsibilities of the Regional Centre (RC)

The RC has the responsibility to assist with tasks during the regional FFGS development and implementation phases

These responsibilities include:

- Being focal point for the collection of the required historical hydrometeorological and spatial data from the participating countries establishing data transfer tools via secure ftp;
- Host high performance servers to run SAOFFG model and allow access to participating countries for SAOFFGS products, and to receive real-time data from various sources;
- Maintain servers, operating systems and FFGS application software with the support of HRC;



Responsibilities of the Regional Centre (RC)

- The RC will monitor routinely the availability of the SAOFFG products;
- The RC hydrometeorologists, which will have successfully completed the FF Hydrometeorologist Training Programme, will work directly with their participating NMHSs counterparts in assessing regional FFGS products and will provide hydrometeorological expertise and advice how to improve forecast skill level, when and where required;
- The RC will evaluate the SAOFFG products from regional perspective ensuring accuracy and consistency of FFGS products throughout the region and communicate its perspectives to the participating NMHSs;



Responsibilities of the Regional Centre (RC)

- The RC will provide regional and national verification of SAOFFGS flash flood forecasts and warnings and will advise participating NMHSs of any concerns with system products;
- Where appropriate, the RC will assist the participating NMHSs with the issuance of flash flood watches and warnings in a consistent format using SAOFFGS as well as other information and tools that may be available; and
- However, the participating NMHSs retain the responsibility for disseminating forecasts and warnings to users within their jurisdiction.



Responsibilities of the NMHSs

- The NMHSs have the responsibility to have good cooperation, collaboration and communication with RC for the implementation of SAOFFGS;
- To ensure transfer of historical and in-situ local data to the FFGS developer, HRC, through the RC during the development and implementation phases;
- To ensure use of the SAOFFGS and its products as a part of operational hydrometeorological forecasting;



Responsibilities of the NMHSs

- To cooperate with national agencies to introduce SAOFFG products for use (e.g. disaster/water management, agriculture); and
- To prepare case studies for local flash flood events and conduct verification studies, distributing their results to RC and HRC.



Thank you

Paul Pilon

ppilon@wmo.int

Ayhan Sayin

asayin@wmo.int

Petra Mutic

pmutic@wmo.int



WMO OMM

World Meteorological Organization

Organisation météorologique mondiale