



World Meteorological Organization

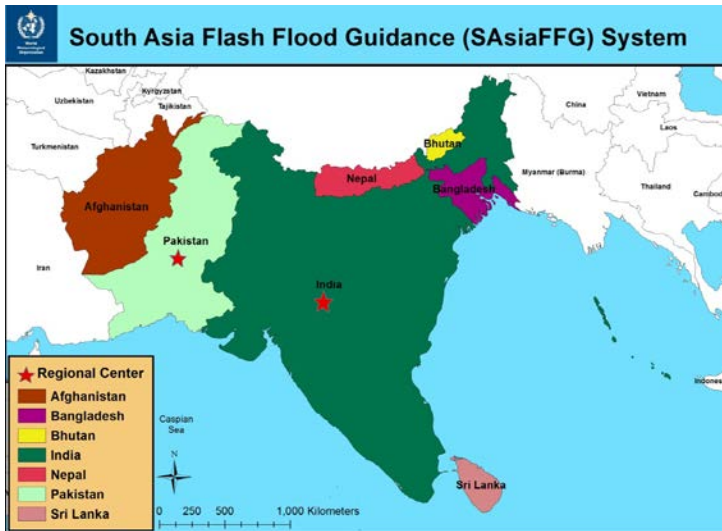
Weather • Climate • Water

# South Asia Flash Flood Guidance (SAsiaFFG) Project

## Responsibilities of the Regional Centre



# Responsibilities of the Regional Centre



- The Regional Centre has the responsibility to assist with tasks during the SAsiaFFGS development and implementation phases. These responsibilities include: being the focal point for the collection of the required historical hydrometeorological data and spatial (GIS) data needed for system development from the participating countries; and assisting the HRC in coordinating country-specific reviews of various products created and data sets used during system development;
- The Regional Centre will maintain a focal point for all operations and activities;



# Responsibilities of the Regional Centre

- The Regional Centre will provide appropriate communications, infrastructure facilities and human resources to maintain and operate the SAsiaFFGS computational hardware that is used to develop and disseminate regional and country graphical products and data for the participating National Meteorological and Hydrological Services (NMHSs) in the Central Asia region;
- Regional Centre hydrometeorologists, which will have successfully completed the Flash Flood Hydrometeorologist Training Programme, will work directly with their participating NMHSs counterparts in assessing the SAsiaFFGS products and will provide hydrometeorological expertise and advice on how to improve forecast skill levels, when and where required;
- Where appropriate, the Regional Centre will prepare briefings and lead discussions to properly evaluate flash flood potential using the SAsiaFFGS and other available tools;



# Responsibilities of the Regional Centre

- The Regional Centre hydrometeorologists will work with the participating NMHSs forecasters to ensure that they understand the flash flood forecasts and warnings to ensure consistency, including evaluating and interpreting the applicability of SAsiaFFGS products;
- The Regional Centre will evaluate the SAsiaFFGS products from a regional perspective ensuring accuracy and consistency of FFGS products throughout the region and will communicate its perspectives to the participating NMHSs, as appropriate;
- The Regional Centre will provide regional and national verification of SAsiaFFGS flash flood forecasts and warnings and will advise the participating NMHSs of any concerns with system products;



# Responsibilities of the Regional Centre

- Where appropriate, the Regional Centre will assist the participating NMHSs with the issuance of flash flood watches and warnings in a consistent format using the SAsiaFFGS as well as other information and tools that may be available. However, the participating NMHSs retain the responsibility for disseminating forecasts and warnings to users within their respective jurisdictions;
- The Regional Centre, in collaboration with WMO, will organize and provide routine training on system operations, product interpretation, product verification, and other items as deemed appropriate to participating NMHSs forecasters. The Regional Centre may provide on-the-job training to forecasters from participating NMHSs;



# Responsibilities of the Regional Centre

- The Regional Centre will have adequate intranet and internet network capabilities: to allow participating NMHSs to access the SAsiaFFGS products; to exchange data among participating NMHSs and the SAsiaFFGS developer (Hydrologic Research Center); and to download global satellite precipitation data and participating NMHSs in-situ meteorological data through the WMO Global Telecommunications System (GTS) and/or the WMO Information System (WIS);
- The Regional Centre will provide on-going quality assurance and quality control of its processing tasks and data and forecast products; and
- As needed, the Regional Centre will maintain the SAsiaFFGS database, which was developed and provided as part of the SAsiaFFGS project, and will make data available to participating NMHSs in text, GRIB or netCDF formats.





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Thank you for your attention

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