



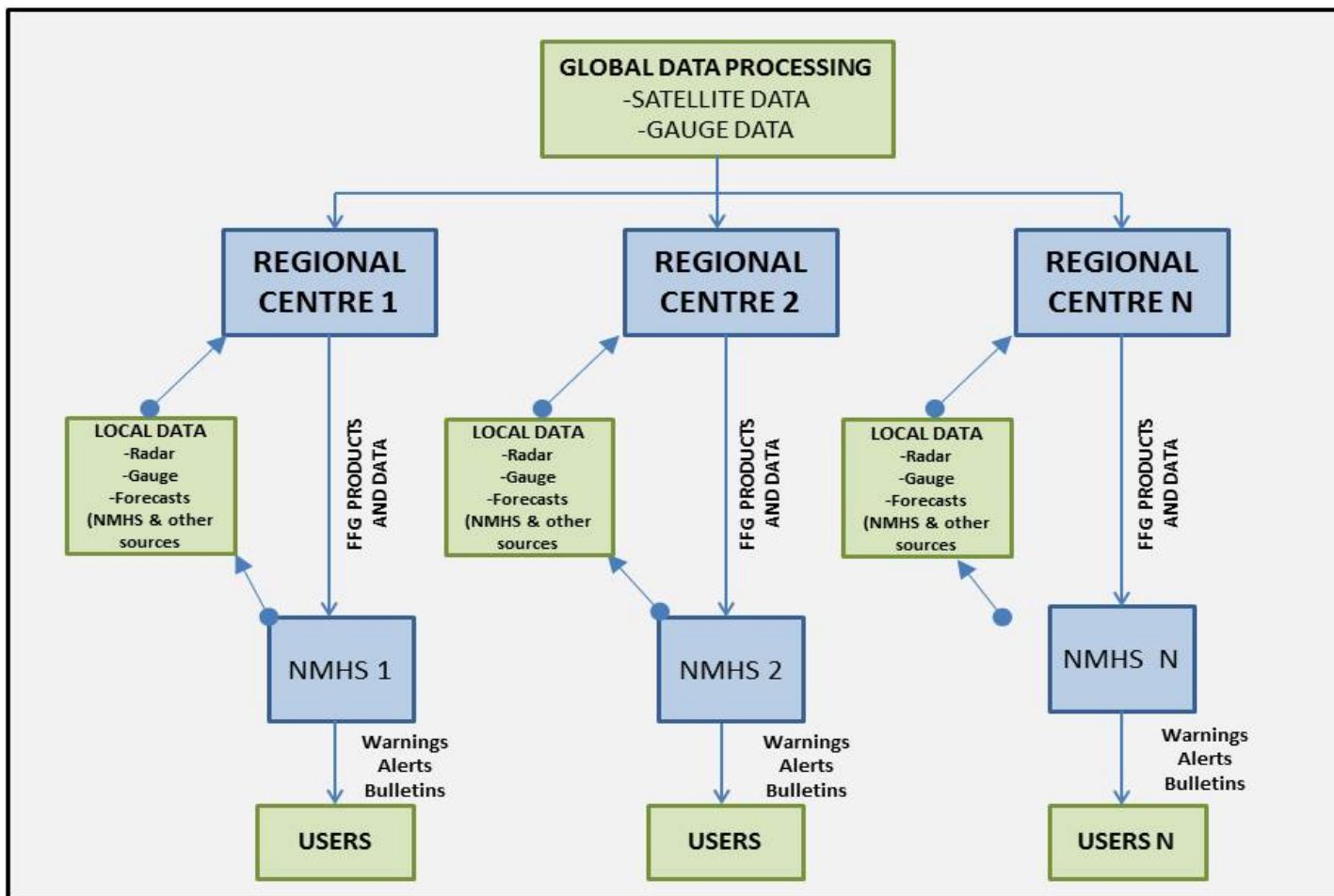
# World Meteorological Organization

Weather • Climate • Water



## Organizational and Managerial Aspects of Project Planning and Implementation

# Regional and National Set-up



# Roles and Responsibilities of the Regional Centre(s)

- Provide effective coordination among WMO, HRC and NHMSs.
- Host high performance servers to run South America FFG model and allow access to participating countries for South America FFG products, to receive real-time data from various sources (e.g., in-situ data from GTS, QPF from meteorological limited-area models);
- Establish data transfer tools via secure ftp to exchange data between NHMSs and HRC;
- Maintain South America FFGS hardware and software with the support of HRC;
- Monitor routinely the availability of the South America FFG products;
- Make routine regional hydrometeorological analysis and regional hazard identification;
- Validate local and regional products;
- Provide daily regional guidance to NMHSs; and
- Facilitate regional training in cooperation with WMO and HRC.

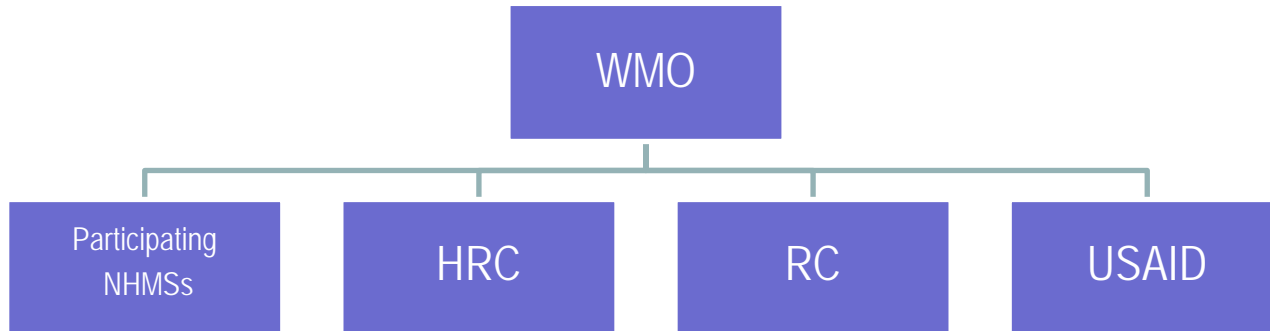


# Roles and Responsibilities of the NMHSs

- Have good cooperation and contact with RC;
- Monitor daily the South America FFG 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 Authorities;
- Provide historical data to the South America FFGS developer, HRC, through their RC during the development phase;
- Provide real-time in-situ data to the RC in six-hour intervals;
- Participate in regional and long-term training;
- Provide training to local duty/shift forecasters to build local capacity to use the products in daily forecast production;
- Cooperate with national agencies, e.g., to introduce flash flood guidance products for disaster management, water management, and agriculture;
- Prepare case studies for flash flood events and conduct verification studies, distributing the results to RC and HRC.



# Project Steering Committee (PSC)



- Project steering committee will consists of delegates from WMO, RCs, NHMSs, Hydrologic Research Center, and USAID such that each will be represented with one delegate. On the other hand, if deemed necessary, additional experts/representatives might attend the PSC meeting on an ad-hoc basis as required. WMO will work with PSC members in coordination and steering of the project.



# COMMUNICATIONS

- Available communication channels shall be open between each Regional Center and its participating NHMSs
- Operational performances of the system depend on, among others, the exchange of knowledge, ideas, information, data and products.
- Lack of communication may not only cause interruption of the services but also decrease the quality of products and services provided.



# Common Principles

- Data providers remain owners of data;
- Access to data and information generated by the project for project partners and beyond – where applicable – as per WMO Resolutions 25 (CG-XIII) and 40 (CG-XII);
- Services provided by Technical Development Partner (HRC) and the Regional Centre(s) are of an Advisory Nature;
- Full responsibility for national guidance and warning services remains with the participating NMHSs.



# Tentative Implementation Timeline

TASK NAME	Year 1												Year 2											
	Months												Months											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
Initial Planning Meeting	█																							
Sever Purchase		█																						
Letters of commitment and points of contact provided-India			█	█	█	█	█																	
Obtain static and historical hydromet data						█	█	█	█	█	█													
Obtain real-time data information - data availability/access										█	█	█	█											
Training Workshop - Step 1 (Steering Committee Meeting #1)											█													
National/Regional Centers complete online courses - Step 2											█	█	█	█	█									
Complete system development				█	█	█	█	█	█	█	█	█	█	█	█									
Regional Center develop and provide real-time data format								█	█	█	█	█												
Regional Center operational (to collect real-time data)										█	█	█	█	█	█									
National Centers operational and provide real-time data access													█	█	█									
Complete operational training at HRC - Step 3													█											
Steering Committee Meeting #2																█								
Onsite system installation at Regional Center																		█						
Follow-up operational workshop																				█				
Steering Committee Meeting #3 (Step 4 training)																								█







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Thank you for your attention

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