



## Second Steering Committee Meeting of the Central Asia Region Flash Flood Guidance (CARFFG) System

# Project Implementation Status



**WMO OMM**

World Meteorological Organization

Organisation météorologique mondiale

# Main Activities



- Initial Planning Meeting of the Central Asia Region Flash Flood Guidance (CARFFG) System took place in Turkey on 5-7 May 2015. Representatives of **Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan** participated in the meeting. Kazakhstan was selected as the Regional Centre.



- First Steering Committee Meeting (SCM1) of the Central Asia Region Flash Flood Guidance (CARFFG) System took place in Kazakhstan on 14-16 September 2015. Representatives of **Kazakhstan, Kyrgyzstan, Tajikistan, and Uzbekistan as well as Russia and World Bank** participated in the meeting.



# Regional Component

## The Regional Centre:

- Maintain FFG servers to provide products and data to the participating countries,
- Collaborate with WMO to implement flash flood hydrometeorologist training programme,
- Evaluate FFG products from the regional perspective and conduct verification study in collaboration with participating countries,
- Have good internet connection to download and exchange data.



## Participating NMHSs:

- Have good cooperation, collaboration, communication with the Regional Centre for the implementation of the project,
- Provide historical and in-situ local data to the FFG system developer through the RC,
- Prepare and issue flash flood warnings and alerts to the public and national agencies including Emergency Management Authorities,
- Participate in the Flash Flood Hydrometeorologist Training Programme (Steps 1-5),
- Conduct verification studies.



# CARFFGS Operational Training at HRC

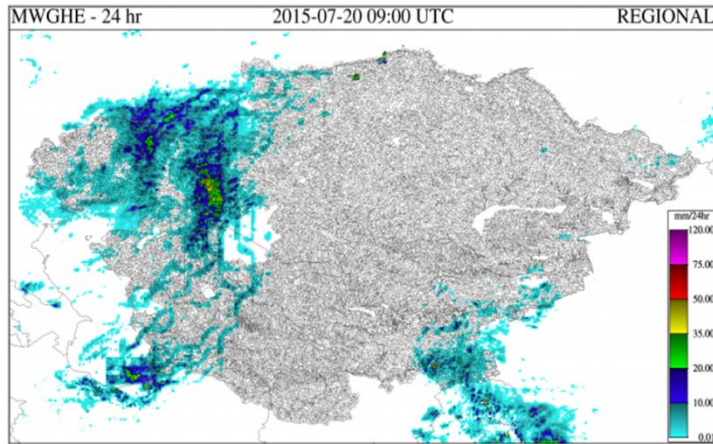


Countries	Trainees
Kazakhstan	Gulmira Akisheva
Kazakhstan	Adlet Jaxyeldinov
Kyrgyzstan	Elvira Omorova
Kyrgyzstan	Makhbuba Kasymova
Tajikistan,	Vohidjon Hamidov
Tajikistan,	Dzhamila Baydulloeva
Uzbekistan	Irina Dergacheva
Uzbekistan	Sergey Myagkov

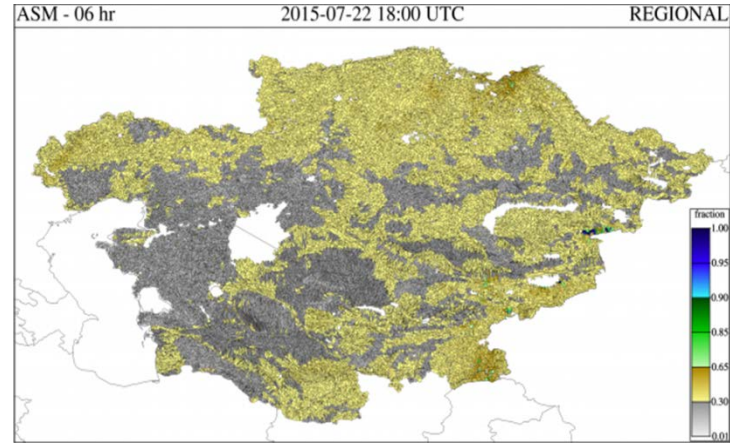
Operational training took place in San Diego, USA from 1 to 26 January 2016. Two forecasters (Meteorologist and Hydrologist) from each participating National Meteorological and Hydrological Service (NMHS) participated and successfully completed it.



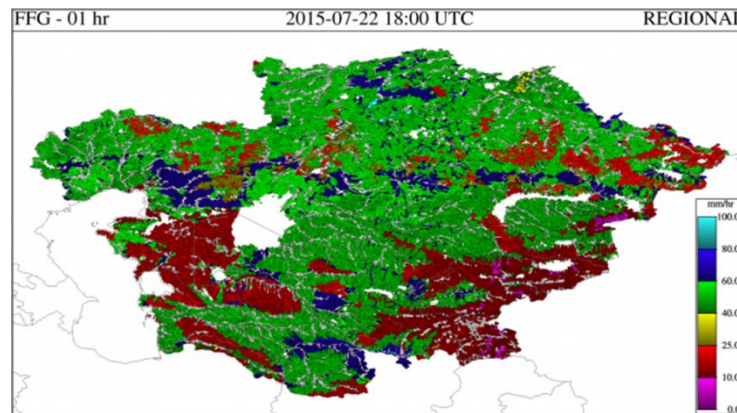
# Development and Implementation



Satellite Precipitation Estimation (GHE)



Average Soil Moisture (top soil) (ASM)



Flash Flood Guidance (FFG)



# CARFFG System Implementation Plan (SCM1)

		CENTRAL ASIA FFGS IMPLEMENTATION															
TASK NAME		2015								2016							
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Planning Meeting		DONE															
Server Purchase - Regional Center		DONE															
Letters of commitment and points of contact provided																	
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 rqmt																	
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																	
Regional Operations Workshop																	
Onsite system installation at Regional Center																	
Operations workshop - Step 4 (Steering Committee Meeting #3)																	



# Thank you

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