



GFCS International Climate Training Workshop – Sahel Project Niamey, Niger, 17 – 21 July, 2017

Sponsoring Agencies: ACMAD, NOAA, USAID, WMO

Local Host: African Centre of Meteorological Applications for Development

Venue: ACMAD, Niamey, Niger

Dates: 17 – 21 July, 2017

Organizing Committee: Dr. Wassila M. Thiaw, NOAA
Dr. Andre Kamga, ACMAD
Dr. Veronica Grasso, WMO
Dr. A. Sezin Tokar, USAID

Agenda	
Monday 17 July 2017	
09:00	Opening of the Workshop: <ul style="list-style-type: none"> • Welcome by ACMAD and Workshop Objectives • Remarks by NOAA
09:45	Group Picture & Coffee Break
Overview Products and Services	
10:00	Overview WMO Climate Services Information System, <i>Dr. Wassila Thiaw, NOAA/CPC</i>
10:30	ACMAD Climate Products and Services, <i>Dr. Andre Kamga and Mbaiguedem, ACMAD</i>
11:30	NOAA's Climate Prediction Center International Desks, <i>Dr. Wassila Thiaw, NOAA/CPC</i>
12:15	Discussion
13:00	Lunch
Geographical Information System	
14:00	Introduction to GIS and QGIS, <i>Dr. Miliaritiana Robjhon, NOAA/CPC</i>
15:15	Coffee Break
15:30	Lab Instructions and Exercises, <i>Dr. Miliaritiana Robjhon and Nick Novella, NOAA/CPC</i>
17:00	End of day
Tuesday 18 July 2017	
Data Management	
09:00	Current Architecture for Climate Data Management, <i>Bachir and Kabenguella, ACMAD</i>
09:10	Overview Data Exchange and Web Interface, <i>Dr. Vadlamani Kumar, NOAA/CPC</i>
09:30	Discussion
Generation of Climate Products	
10:00	Subseasonal to Seasonal Forecasting, <i>Dr. Wassila Thiaw, NOAA/CPC</i>

10:30	Regional Hazards outlooks for Food Security, <i>Dr. Wassila Thiaw, NOAA/CPC</i>
11:00	Coffee Break
11:15	Procedures for the Generation of Climate Products, <i>Bachir and Kabenguela, ACMAD</i>
12:15	Discussion
13:00	Lunch
Geographical Information System (Cnt'd)	
14:00	Working with Raster Data in QGIS, <i>Dr.Miliaritiana Robjhon and Nick Novella</i>
15:00	Lab Exercise with Raster Data
16:00	Coffee Break
16:15	Geoprocessing for Raster and Vector Data
17:15	Lab – Geoprocessing for Raster and Vector Data
19:00	End of day
Wednesday 19 July 2017	
Climate Monitoring Tool	
09:00	Overview CPC Climate Monitoring Tool, <i>Dr. Wassila Thiaw, NOAA/CPC</i>
09:30	Installation and Unpacking the CMT Software, <i>Dr. Vadlamani Kumar, NOAA/CPC</i>
11:00	Coffee Break
11:15	Downloading and Preparing Data – <i>Lab Session</i>
13:00	Lunch
Geographical Information System (Cnt'd)	
14:00	Geoprocessing and modeling, <i>Dr.Miliaritiana Robjhon and Nick Novella, NOAA/CPC</i>
15:30	Coffee Break
15:45	Vector Data Geoprocessing and Modeling – <i>Lab Session</i>
17:00	End of day
Thursday 20 July 2017	
Climate Monitoring Tool (Cnt'd)	
09:00	Editing and Scripting (Schell and GrADS ctl files) – <i>Lab Session</i>
10:00	Running CMT – <i>Lab Session</i>
11:00	Coffee Break
11:15	Visualization – <i>Lab Session</i>
13:00	Lunch
Geographical Information System (Cnt'd)	
14:00	Map Making, <i>Dr.Miliaritiana Robjhon and Nicholas Novella, NOAA/CPC</i>
15:30	Coffee Break
15:45	Making Production Level Maps (Continued) – <i>Lab Session</i>
17:00	End of day
Friday 21 July 2017	
Climate Monitoring Tool (Cnt'd)	
09:00	Trouble Shooting – <i>Lab Session</i>
11:00	Coffee
11:15	Customizing Plots – <i>Lab Session</i>
13:00	Lunch
Geographical Information System (Cnt'd)	
14:00	Making Production Level Maps (Continued) – <i>Lab Session</i>
15:30	Coffee Break
15:45	Making Production Level Maps (Continued) – <i>Lab Session</i>
16:15	Closing Remarks by ACMAD and NOAA
17:00	End of Workshop