AMSAF

East Africa Working Group

- NMHSs: Djibouti, Ethiopia, Kenya, Uganda, Rwanda, Somalia, Tanzania,
- RCC: ICPAC
- RTC: IMTR
- AUC, CIMA, EUMETSAT & ECMWF

1. Scientific role

Adapt / customize the NWC-SAF SW and tailored products for each region

a) Each NMHS to nominate a focal point; feedback from the users/survey [NWC SAF gaps, success, experience, areas of improvement, accuracy issues etc (***Action:*** Nomination for focal points for SEWA)
b) NMHSs to install NWC-SAF and concentrate on the software modules and products of interest
c) Use the existing NWC SAF products and customize as per the region; feedback from users
d) Define regional/country specific hazard of interest to inform RSMCS (KMD & TMA) product development and dissemination (the RSMCs can run the software for countries with no capacity)
e) Identify additional products required for the region
f) Recommendation: NWC SAF to ingest Polar Orbiting data

1. Scientific role

g) ***Action:*** EUMETSAT to provide specifications to inform and assess the technical capacities of each institution

h) Determine and find capacity (inf & HR) existing in the region: ICPAC, KMD and TMA; areas of collaboration e.g.

- ICPAC: HPCs, EUMETCast Terrestrial, HR expertise – technical, RCC provide guidance materials
- KMD RSMC; HR expertise – scientific, Technical
- Dar RSMC; HR expertise – scientific, Technical
- RTC Nairobi; Training, EUMETCast Terrestrial

1. Scientific role

Engage and Coordinate with an existing Scientific network in EA region

a) WMO SWFP EA discussions; leverage based on specific ToRs (Dar and Nairobi are part of this - RSMCs to take lead)

Products to be adapted on the main phenomena monitored observed in the region/countries covered

a) Identify the hazards per EA country
b) Products will be country specific based on hazards per country
c) Product development as per the hazards

Product validation activities

a) Nowcast forecast verification; user feedback mechanism
b) Use available data for validation (could be via collaboration of per country)

2. Operational role

Operate AMSAF

- Nairobi and Dar RSMC; 24/7 operation
  - Data acquisition and Data processing
  - Decide on the SOPs or build on the existing SOPs in the Forecasting process
  - Determine the user of the products

Disseminate products: Platforms

- Climweb (CAP alerts etc)
- Explore other platforms
- Nairobi and Dar RSMC

2. Operational role

Maintain product documentation

- Coproduction of products thus document follows same input including EUM, NWSAF team etc;
  - Use the existing documents for the existing products
  - Coproduce documentation for any new products developed including with the NMHSs
- EUM, NWC SAF to guide the process of documentation
- Nairobi and Dar RSMC, ICPAC, EUM, NWC SAF
- User Manual; products, NWC SAF

Run/maintain computation capabilities/dissemination infrastructure

- EUM to guide on specifications for computation capabilities etc
- ICPAC
- Nairobi and Dar RSMC, ICPAC
- Cloud services

3. Engagement with the users

Collect feedback

a) Feedback between users and NMHSs
b) Run a helpdesk; Between NMHSs and Nairobi, Dar RSMC – Products
c) Run a helpdesk; Between Nairobi, Dar RSMC and AMSAF Tech helpdesk
d) Between individual NMHSs and NWC SAF, EUM helpdesk; use an existing technical CoP and platform by NWC SAF
e) Maintain contact with user network
    - Existing user networks per country
    - Use cases / best practice

4. Training of users – RTC, RCC

a) Carry out a Training Needs Assessment in EA/Per country
b) Develop a training strategy
c) Identify the audiences; ToT (Focal Points), Users in NMHSs, Technical training
d) Develop training resources based on the needs
e) Establish training activities and platforms
f) Integrate the training with other existing training programs
g) Leverage on existing funding opportunities

Suggestions:

- Recommend the time frame for each of the roles:
  a) Scientific Role
  b) Operational role
  c) Engagement with the users
  d) Training
- Explore the challenges that may arise and the mitigation strategies to be put in place.