



15th
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EUMETSAT USER
FORUM IN AFRICA
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D'EUMETSAT
EN AFRIQUE

#15UFA #EOAfrica



Working Group #5:

TRAINING (ENG)

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DATA ACCESS

- Which platform do you use to view/ download the data?
- Do you have knowledge and skills to be able to access the satellite data?
- Do you require training on how to access data?

TRAINING NEEDS AND CHALLENGES

- How does your NMHS deal/address learning needs? What are the challenges?

MTG and RELATED TRAINING

- What would you like to learn with respect to MTG?

Which platform do you use to view/ download the data?

Do you have knowledge and skills to be able to access the satellite data?

Do you require training on how to access data?

- Mauritius: use PUMA and Synergie stations to view images, some data received by EUMETCAST, would need additional training to better access and manipulate the data
- Rwanda: Synergie and PUMA used, PUMA station often down so Eumetview often used to see data. Forecasters have some skills but with many new staff training is needed, before there was face to face training in IMTR by EUMETSAT, suggestion to restart these trainings especially for new staff (training will probably be resumed next year)
- Somalia: PUMA system used, some forecasters know how to access the data from PUMA station but more training is needed to use platforms to access the data!
- Ghana: PUMA station available, Training of trainers for PUMA stations is needed

How does your NMHS deal/address learning needs? What are the challenges?

- Rwanda: there is capacity building secretariat that takes care of capacity building, but there is lack of understanding for meteorological topics. Usually people have to travel to other countries to learn and that is not accepted because of high costs. **Main challenge is lack of understanding from the government for the need of building capacity in meteorology.**
- Mauritius: requests for training is received from training centres and then approval needed by ministry. However, training offers are rarely received - **communication between centres is a challenge** – not knowing who is offering which training. Information stops at PR office, focal points for training should also be notified!
- Ghana: training needs of staff looked every year, HR does the analysis, looked for funds. There are a lot of **training needs both in marine and forecaster staff**, the request has been sent to secretariat but there is still no answer.

What would you still like to learn with respect to MSG?

- Seychelles: need to learn more about the analysis and interpretation of the data, mostly for **marine applications, weather** (rapid developments, poor information from the models)
- Mauritius: currently images received, good quality, need to know about the **new data from MTG**. Mauritius is covered by Meteosat 9 IODC, for now MSG doing great job in allowing better monitoring over the ocean (no observations over the sea, satellite data very important!)
- Rwanda: **Online training through E-SAC** needs to be strengthened, training needed also for **maintenance of the system and interpretation of the new products**

MTG for Africa Training

1. MTG RGB product interpretation (particularly new RGBs) and enhancements to existing MSG-based RGBs
2. Cloud Identification
3. Convection, initiation, stages
4. Precipitating clouds, how to use precipitation products in forecasting.
5. Lightning. How to monitor lightning using LI, Integration of the LI data with other data products in forecasting operations
6. Pre-conditions conducive for fire development and spread and monitoring after fire development
7. Better dust monitoring

WHAT ELSE is missing?

Thunderstorm nowcasting

Satellite soundings

Products for the Ocean and Marine services (including training for marine forecasters)

Volcanic ash monitoring and forecasting

Integration of the data from ground stations, satellite, radar data : more expertise and assistance needed