



WMO-CGMS Virtual Laboratory
for Education and Training in Satellite Meteorology

Major Achievements of the CoE

1. Trained **200** students in long, medium and short courses.
2. Trained **two** Instructors on Delivery of On-line courses.
3. Established a Virtual Library where all training materials are deposited.
4. Utilized **Computer Aided Learning and MOODLE** in delivery of EUMETSAT-IMTR Satellite Applications Course (EISAC).
5. Attached of **one** Instructor for three months at the newly established Trainers Desk at EUMETSAT.
6. Trained **two** Instructors in application of satellite data in Agriculture.

Main Challenges faced by the CoE During this Reporting Period

1. Shortage of Instructors at IMTR
2. Limited funding in member countries to send students for training at IMTR/WMO-RTCs.
3. Understaffing in most NMHs and hence release of students for long courses was not possible.
4. Limited Internet Connectivity in the region.

Suggestions in Which VLab Can Provide Better Support To Our CoE

1. Training of more Instructors in instructional design for development of online/distance courses.
2. Training of Trainers in online delivery of courses.
3. Regular seminars on emerging technologies in virtual learning.
4. Attachment of more Instructors to specialised centres for three (3) months or so to gain experience in emerging issues.

Collaboration With Other Organizations

IMTR/WMO-RTC, in collaboration with EUMETSAT, organizes the annual EUMETSAT Satellite Application Course (ESAC) for English-speaking Africa. This collaboration can be strengthened by:

1. Working together to train IMTR/WMO-RTC staff in the development and delivery of online courses for the IMTR/WMO-RTC'S area of responsibility.
2. Working together to launch regular online courses in satellite applications.
3. Sponsorship of benchmarking exchanges with other CoEs.
4. Evaluation of the impacts of the training in satellite applications on the outputs at the NMHs.

Thank You