EVENT AND RESOURCES OF COE BEIJING, 2016-2017

-Beijing Component of WMO Regional Training Centre in China
-WMO/CGMS Virtual Laboratory Centre of Excellence

China Meteorological Administration Training Centre (CMATC)

MAIN ACHIEVEMENTS

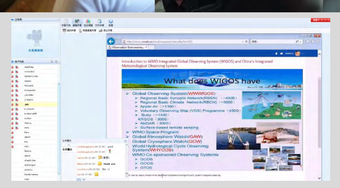
Training



International: 52 trainees from 23 countries
- Application of Met. Satellite Products,

Domestic: about 400 trainees, annually
- Application of FY4 satellite data
- Satellite Application for initial forecaster
- Satellite Data in Ecological Environment and Disaster Monitoring

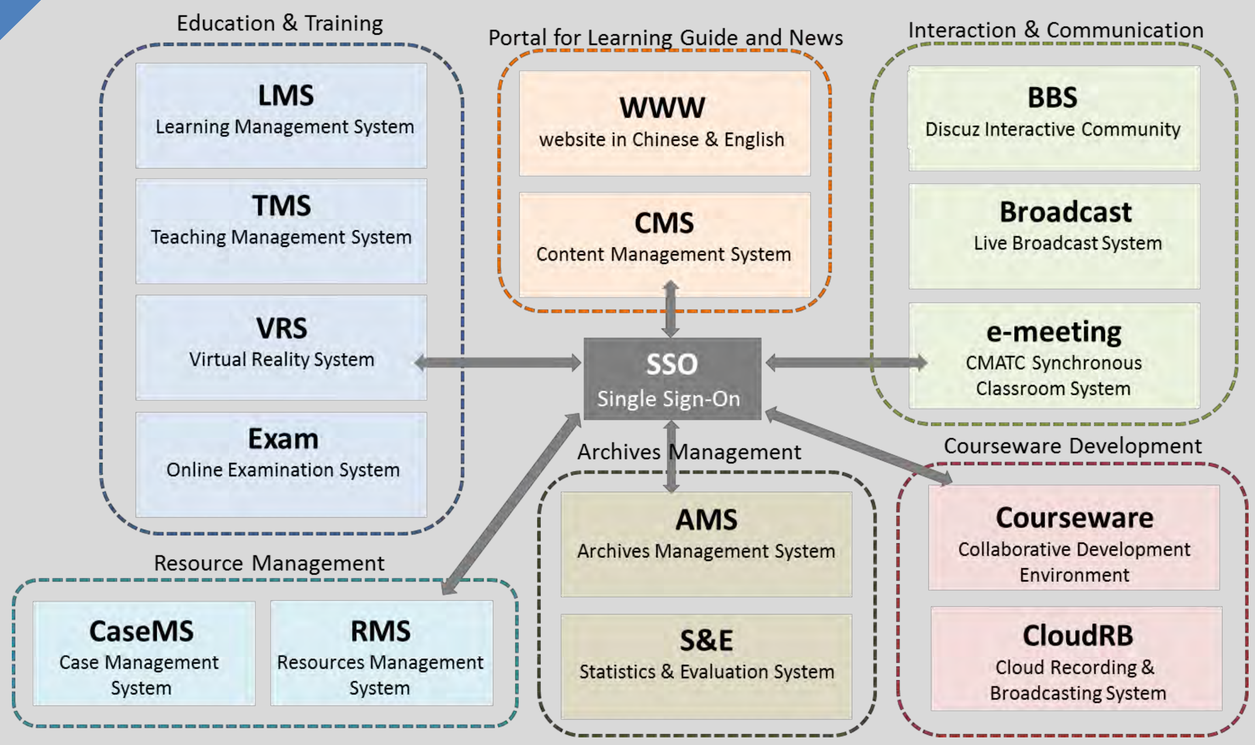
Online: 274 trainees from 55 countries
- Maintenance of Met. Observation Instruments

Instructors Communication
- Training Event on Satellite Data and Product Application (AOMUSUC-8)
- Established strong collaboration with NSMC, mutual visits between CMATC and NSMC, etc.

Capacity

- Moodle has been adopted and built to the existing LMS
- CoE Beijing has designed its own web pages
- offer adaptive online meeting tools to blended courses
- VR and Mobile technologies are induced to resources



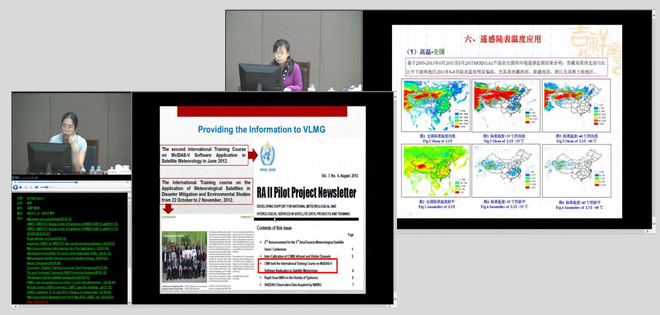
CMATC receives system/platform construction support from NSMC to further Met. Satellite Application Education and Training base on Internet.

Resources

the international and domestic satellite trainings provide more latest resources on the FY-3 & FY-4 satellite products to its main audience.

Resources in English
- Application of Met. Satellite Products
- FY-4A Observation capabilities and its potential applications
- Introduction of FY and retrieval products for Tropical Cyclone

Resources in Chinese
- Online Training Series of Satellite Remote Sensing Application, 48 hours (video)
- FY-3 Meteorological Satellite Application and Products, Interactive courseware

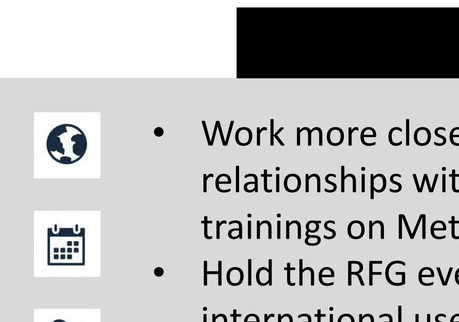


- Introduction of new generation Geostationary Met. satellite: FY-4A
- Land Surface Temperature Retrieval with Satellite Remote Sensing

handbook: Recognition and interpretation of Satellite Cloud Pictures

Document Resources collection in:

Evaluation



International trainings have been held for 10 years. According to the post-event three-level training evaluation system (based on Kirkpatrick-Phillips Model) , participants show great interests on related trainings.

FY series knowledge and information also attract trainees' attention when organizing for the introduction of FY-4 satellite products in 2017.

MAIN INTERESTS

- Keep up to date with the models and technologies of educational and training on Met. Satellite Application, such as blended learning solutions.
- Cooperate and communicate with other COEs. Share knowledge and exchange experiences in organizing and designing RFG events.
- Methodologies and tools for evaluation, tools and resources for materials development, tools for online meetings and LMS.
- Exchange training materials on satellite products with other institutions worldwide, such as FY, Himawari, etc.

MAIN CHALLENGES

- Curriculum of Met. Satellite
- Training capacity building
- Online Tools and Resources
- Language Barrier
- Knowledge update
- Budget

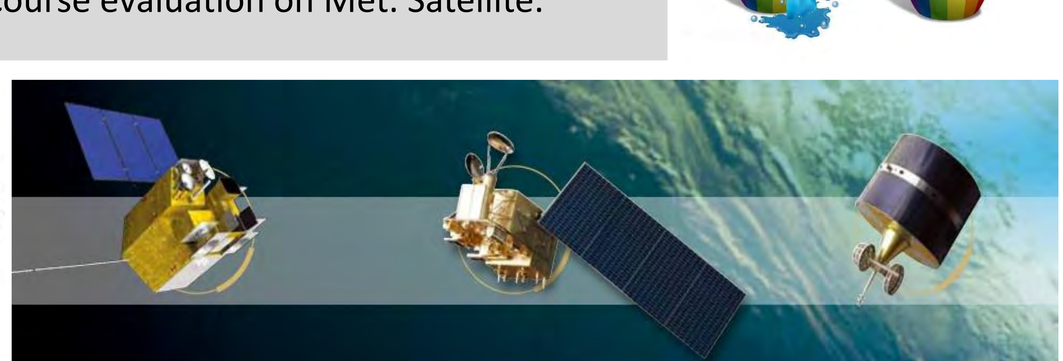
- Seek out more cost effective survey methods to make training needs identification more accurate.
- Improve training models on course designing.
- Strengthen resources sharing and advertising.
- Improve course evaluation on Met. Satellite.

FUTURE PLANS

- Work more closely with NSMC and establish cooperative relationships with more institutions worldwide, to broaden trainings on Met. Satellite Application.
- Hold the RFG events on FY series Satellite for domestic and international users, in cooperation with NSMC, etc.
- Get more experts involved in consulting and facilitating.
- Compose or compile more specific materials and develop more high-quality training cases on FY series Satellite.
- Strengthen training evaluation in order to identify users' needs with the help of more efficient tools.

Scheduled Events in 2018
- RFG online events (CMATC): the Application of FY4 Satellite Products (in English, from Aug. 2018)
- 2018 Online Training on Satellite Remote Sensing Application (in Chinese, Aug.)

CoE Beijing



CMA MOOC