

VLab Report of Activities

The Questions in this form should be answered based on the VLab activities of your Centre of Excellence for the period from January to December 2015.

About the Centre of Excellence

1. Please select your Centre of Excellence (CoE) from the list below. *

Republic of Korea ▼

2. What is the profile of the people supporting training activities in the CoE? *

Please select all options that are relevant.

- Training Manager
- Full time trainer
- Part time trainer
- Researcher
- Forecaster
- Administrative staff
- University lecturers
- Other:

Please use the space below to provide any additional comments regarding Question 2

Comments could include number of staff, proportion of support received from different institutions supporting the CoE or anything else regarding the support to plan and offer training in the CoE.

1~2 staffs are manage the training course. However, satellite products developer, satellite image analyzer and former forecasters are supporting the offline lecture according to the subject.

3. Is training (on the subject of training and education) offered to

trainers supporting the activities of the CoE? *

Yes

No

Please comment on the answer above *

If training is offered, please comment on the sort of training provided and frequency. If training is not offered, please comment if there is a need for this sort of training in the CoE and if so, what are the difficulties to provide it.

The KMA H.Q. run a 3days training course every year to facilitate the teaching skills of trainers. However not every trainers can attend that course every year, because the KMA including NMSC don't have fulltime trainers.

4. What were the major achievements of the CoE during this reporting period? *

1. Run offline and 8 times online training course for KMA forecaster to preparer the effective use of Himawari-8 data
 2. Join a National Himawari-8 Training Campaign phase 1 & phase 2 from Jan to June and monthly RFG meeting hosted by Australian CoE
 3. Support the event week on Nov. hosted by WMO-VLab and science week on July hosted by BMTC by giving lecture related to "Development of GEO KOMPSAT-2A and its meteorological products"
 4. Give a lecture regarding to "Application of COMS RGB imagery to the Korean Peninsula" at the training session on meteorological satellite data usage in the AOMSUC-7 on Nov. 2015 in Tokyo
 5. Held the 1st KMA international Meteorological Satellite Conference(KIMSC-1) from 16 to 18 Nov in Seoul.
 6. Successful running the offline training course of COMS satellite data analysis for Philippines, which was a part of project " Establishment of communication, ocean an meteorological satellite data analysis system in the philippines"
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5. What were the main difficulties of your CoE during this reporting period? *

Insufficient trainers, no full-time trainers

About Training

6. Is any kind of Learning Management System used by your CoE to conduct training activities? *

- Moodle
- Edmond
- ConnectEDU
- Learning Management System is not used
- Other:

7. Is any kind of Online Conferencing System used by your CoE to conduct training activities? *

- Saba Centra
- Blackboard Collaborate
- GoTo (Webinar, Meeting)
- Cisco Webex
- Online Conferencing System is not used
- Other: internal online conference system

8. Please list any training resource you have developed over this reporting period *

For each Training Resource please include: 1) Title of Training Resource, 2) Type of resource (e.g. text book, video, Moodle course, PowerPoint slides, recorded lecture, etc) and 3) Availability of resource (can be shared, institutional use only).

1. Title : Understanding of Himawari-8 data and its usage to nowcasting

2. Type : ppt slides and recorded lecture (in Korean)

9. What sort of training resources would you be interested in borrowing from other CoEs or training programmes, to adapt and reuse in your CoE? *

If the CoE is not interested in adapting and reusing training resources, please indicate reasons.

1. RFG meeting recording files in Australian CoE especially the use of RGB products from Himawari-8.

About VLab collaboration

10. Is the CoE working closely together with the CoE's sponsoring Satellite Operator/Agency in VLab training activities? *

Yes

No

Please comment on the answer above and, if applicable, suggest ways to improve collaboration *

In KMA, NMSC is satellite operator and CoE at the same time.

So if we need other countries' satellite data such as Himawari-8, they try to provide it ASAP .

11. What sort of support would you like to receive from other CoEs, Supporting Satellite Operators/Agencies, WMO Space Programme, VLab Co-chairs and TSO? *

Sharing training resources such as analyze skills for fog, dust, Rapidly developing thunderstorm and several kinds of new RGB products from next generation satellite. Especially differentiating skills such as fog from low-level clouds, fine dust from yellow dust using satellite images are very difficult and important issue in KMA.

12. What sort of support could you offer to other CoEs, Supporting Satellite Operators/Agencies and WMO Space Programme? *

This could be any kind of support. For example: collaborate in RFG sessions organised by other CoEs, organise joint training events in a particular subject, or any other support/collaboration you think the CoE could offer.

We just participate on the several events hosted by JMA, Australian CoE and WMO-VLab whenever there's request, till now.

In the future, we're trying to host the RFG session 2 times a year jointly with Australian CoE and share training resources and web facilities based on the collaboration between KMA and BOM.

Training Events organised in 2015

Please prepare a table containing all training events organised by the CoE during this reporting period. If you have submitted your events to the VLab Online Calendar, all you need to do is to download your report (CSV/Excel spreadsheet) directly from there. If the CoE had conducted other training events considered as part of their VLab activities, that for some reason were not submitted to the Online Calendar, please add them to the spreadsheet downloaded from the Online Calendar.

In the case the CoE has not submitted the training events to the Online Calendar, please prepare a table or spreadsheet (Excel or word) containing the data as indicated in the figure below.

The table/spreadsheet containing the training events organised by the CoE in 2015 should be sent to the VLab TSO by email at luveeck@gmail.com

Example of Table of Events

Date	Title of Event	Location	WMO Region	Host	Type (online, classroom, blended, RFG)	Language	Number of trainees	Country of origin of trainees

*

- By selecting this option I confirm that a table/spreadsheet containing the information about training events organised by this CoE (as requested above) will be sent by email to the VLab TSO by the 30th of April 2016 (at the latest).

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Table of Events

Date	Title of Event	Location	WMO Region	Host	Type (online, classroom, blended, RFG)	Language	Number of trainees	Country of origin of trainees
1.~7. March (7days)	Management training course as part of project for 『 Establishment of Communications, Ocean & Meteorological Satellite Data Analysis System in the Philippines』	Jincheon	RA II	NMSC	classroom	English	8	Philippines
31. May~13. June (2weeks)	Satellite data analysis course as part of project for 『 Establishment of Communications, Ocean & Meteorological Satellite Data Analysis System in the Philippines』 (management course)	Jincheon	RA II	NMSC	classroom	English	10	Philippines
7.~27., June (3weeks)	International training course on weather forecasting for operational meteorologists	Seoul	RA II	KMA	classroom	English	12	Cambodia, Laos, Mongolia, Myanmar, Uzbekistan, Vietnam, Ethiopia, Qatar (8 countries)
1. June	Understanding of Himawari-8/9 data and its effective usage	NMSC	RA II	NMSC	classroom	Korean	71	KMA forecasters and staffs in NMSC
16~29 July (2 times per week)	Understanding of Himawari-8/9 data	NMSC	RA II	NMSC	offline	Korean	132	KMA forecasters