
[3.2.3] Relevant training activities in cooperation with RA II and RA V

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**JungSic Yoon(NMSC/KMA)
Bodo Zeschke(BMTC/BoM)**



Background

- ❖ The KMA/NMSC has become a member of the WMO CGMS Virtual Laboratory (VLab) Centre of Excellence (CoE) in satellite meteorology in 2010.
- ❖ The KMA/NMSC is the only geostationary meteorological satellite operator in South Korea providing national higher education and training focused on the effective use of data and products from Meteorological satellites.

- **International training course**

- **1st phase** : 9 years from 2007 to 2015

- ✓ Analysis of COMS Data

- **2st phase** : 3 years from 2016 to 2018

- ✓ Analysis and Application of Next Generation Satellite Data

- **[Online] Regional Focus Group meeting**

- KMA/NMSC has started to participate and hold online Regional Focus Group (RFG) weather discussion jointly with CoE-Australia since 2015

Accomplishments : International training course (1/3)

❖ International training course

▪ 1st phase : Analysis of COMS Data

COMS data receiving and processing system, ground system, satellite image interpretation and their application on the forecasting

✓ Period : 9 years from 2007 to 2015

✓ 119 persons from 14 countries in RA II & RA V regions

Year	Duration (days)	Participants	Region	Countries
2007	Sept. 2-17 (16)	13	RAII, RAV	13
2008	Sept.18~Oct.9 (22)	13	RAII, RAV	12
2009	Sept.3~24 (22)	14	RAII, RAV	14
2010	Aug.26~Sept.18 (24)	19	RAII, RAV	11
2011	Nov.20~Dec.3(14), June10~23 (14)	8	Sri Lanka	1
2012	Sept. 2~22 (21)	19	RAII, RAV	13
2013	June 30~July 30 (31)	15	RAII, RAV	8
2015	Mar.1~7(7), May31~June13(14)	18	Philippines	1
total		119		14

Accomplishments : International training course (2/3)

■ 2st phase : Analysis and Application of Next Generation Satellite Data

GK 2A satellite data processing, RGB products and application, satellite image interpretation, Applications of GEO and LEO satellite data

✓ Period : 3 years from 2016 to 2018

Year	Duration (days)	Participants	Region	Countries
2016	Oct.10~Nov.2 (24)	22	RAII, RAV	14
2017	Oct.30~Nov.23 (24)	17	RAII, RAV	12
total		39		14



Accomplishments : International training course (3/3)

❖ **Bilateral Collaboration between Korea and Australia**

■ **Mutual visits of trainers on satellite image analysis biennially**

- ✓ Sharing results of satellite analysis and new technologies using various satellites
- ✓ Sharing imagery to develop standard products for GK-2A and Himawari-8 for the region

	Exchange trainers	Periods	Activities
2016	Mr. Bodo Zeschke visited to NMSC	17~28 Oct	<ul style="list-style-type: none">• Contribute to KMA's International training course for developing countries• Contribute to 2day's training events of AOMSUC-7
2017	Ms. Hyesook Park visited to BMTC	12-20 May	<ul style="list-style-type: none">• Contribute to the BoM's Graduate Diploma in Meteorology Course• RFG weather discussion jointly• Discussion for "End-to-End User Case Study"
2018	Mr. Bodo Zeschke Visited to KMA	27 May - 3 June	<ul style="list-style-type: none">• 3 days' training for KMA forecasters• Interactive training methods(Socrative)

Future Plans : International training course

❖ **2018 International training course for RA II/RA V regions**

- Improvement of Meteorological Satellite Data Analysis and Application Capacity
 - ✓ Targets : RA II/RA V regions countries (12 Countries / 17 person)
 - ✓ **Periods : 21 October ~ 16 November 2018**
 - ✓ **Location : KMA, NMSC**

❖ **Bilateral Collaboration between Korea and Australia**

- **Mutual visits of trainers on satellite image analysis biennially**
 - ✓ Trainers : Ms. Hyesook Park(KMA/NMSC)
 - ✓ **Periods : May or June 2019**
 - ✓ **Location : CoE-Australia(BMTC)**

Accomplishments : Regional Focus Group meeting

❖ [Online] Regional Focus Group(RFG)

- The KMA/NMSC has commenced its participation in the online RFG meeting organized by the CoE-Australia since 2015.
 - ✓ 2016 year : 2 date(2 Aug, 13 Dec.)
 - ✓ 2017 year : 4 date(18 April, 18 May, 21 Sep, 20 Dec)
 - ✓ 2018 year : 1 date(31 Jul)

Thank you!

