

# VLab Report of Activities for Supporting Agencies<sup>i</sup>

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

\*Required

## About the Institution

1. Please select your Institution from the list below. \*

<input type="checkbox"/>	Argentine National Commission for Space Activities - CONAE
<input type="checkbox"/>	Brazilian National Institute for Space Research - INPE
<input type="checkbox"/>	China Meteorological Administration - CMA
<input checked="" type="checkbox"/>	European Organisation for the Exploitation of Meteorological Satellites - EUMETSAT
<input type="checkbox"/>	Japan Meteorological Agency - JMA
<input type="checkbox"/>	Korea Meteorological Administration - KMA
<input type="checkbox"/>	Russian Federal Service for Hydrometeorology and Environmental Monitoring - ROSHYDROMET
<input type="checkbox"/>	United States National Oceanic and Atmospheric Administration's Environmental Satellite Data and Information Service - NOAA/NESDIS

2. Please select from the list below the Centre(s) of Excellence (CoEs) you directly support. \*

Please select all options that are relevant.

<input type="checkbox"/>	Argentina
<input type="checkbox"/>	Australia
<input type="checkbox"/>	Barbados
<input type="checkbox"/>	Brazil
<input type="checkbox"/>	China – Beijing
<input type="checkbox"/>	China – Nanjing
<input type="checkbox"/>	Costa Rica
<input checked="" type="checkbox"/>	Kenya
<input checked="" type="checkbox"/>	Morocco
<input checked="" type="checkbox"/>	Niger
<input checked="" type="checkbox"/>	Oman
<input type="checkbox"/>	Republic of Korea
<input type="checkbox"/>	Russian Federation

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<sup>i</sup> This template is based on the online form available at <http://goo.gl/forms/b804CRAr4K>

South Africa

3. What were the major achievements in supporting VLab CoE(s) during this reporting period? \*

Delivering the most recent ASMET materials: (ASMET 8 project)

- o [Extreme High Swell Events on the Moroccan Atlantic Coast](#)
- o [Using ASCAT Wind and Other Data in Marine Forecasting](#)
- o [Forecasting Heavy Rains and Landslides in Eastern Africa](#)
- o [Satellite-Derived Climatology Products for Monitoring Convection Over West and Central Africa](#)

Delivering the annual courses in Muscat, Niamey, Nairobi and Pretoria. In particular the online elements and RFGs where those have been possible

4. What were the main difficulties in supporting VLab CoE(s) during this reporting period? \*  
Properly engaging with the issue of resource mobilisation

The evolution of the training calendar has been sporadic

5. Does this institution have a webpage dedicated to explain its involvement and support to VLab (as indicated in the document "VLab Expectations from Satellite Operators)? \*

Yes  
 No

If "Yes" was selected from the question above, please provide the URL to access the webpage  
<http://www.eumetsat.int/website/home/Data/Training/VirtualLaboratory/index.html>

# About Training

6. Is any kind of Learning Management System used by your institution to conduce training activities? \*

<input checked="" type="checkbox"/>	Moodle
<input type="checkbox"/>	Edmond
<input type="checkbox"/>	ConnectEDU
<input type="checkbox"/>	Learning Management System is not used
<input type="checkbox"/>	Other: If other System is used, please write the system's name.

7. Can the CoE(s) supported by your institution request to use your Learning Management System in their VLab training events? \*

<input checked="" type="checkbox"/>	Yes
<input type="checkbox"/>	No
<input type="checkbox"/>	Learning Management System is not used

Please use the space below to provide any additional comments regarding Question 7 \*

8. Is any kind of Online Conferencing System used by your institution to conduce training activities? \*

<input checked="" type="checkbox"/>	Saba Centra
<input type="checkbox"/>	Blackboard Collaborate
<input type="checkbox"/>	GoTo (Webinar, Meeting)
<input checked="" type="checkbox"/>	Cisco Webex [meeting version not training version]
<input type="checkbox"/>	Online Conferencing System is not used
<input type="checkbox"/>	Other: If other System is used, please write the system's name.

9. Can the CoE(s) supported by your institution request to use your Online Conferencing System in their VLab training events? \*

x	Yes
	No
	Learning Management System is not used

Please use the space below to provide any additional comments regarding Question 9 \*

10. Please list any training resource your institution has 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).

Online lessons: publicly available:

ASMET resources are on: <http://www.meted.ucar.edu/communities/asmet/>

- o [Extreme High Swell Events on the Moroccan Atlantic Coast](#)
- o [Using ASCAT Wind and Other Data in Marine Forecasting](#)
- o [Forecasting Heavy Rains and Landslides in Eastern Africa](#)
- o [Satellite-Derived Climatology Products for Monitoring Convection Over West and Central Africa](#)

In meted lesson on [scatterometer and altimeter applications in forecasting](#)

On EUMeTrain <http://eumetrain.org/resources.html> new items on RGB applications and recorded webcasts including nowcasting SAF products, Hydrology SAF products and precipitation.

The library of conceptual models (hosted by EUMeTrain includes more southern hemisphere examples) [http://eumetrain.org/satmanu/index\\_conc.html](http://eumetrain.org/satmanu/index_conc.html)

Data viewers – publically available

EUMETView – [eumetview.eumetsat.int](http://eumetview.eumetsat.int) WMS data viewer for EUMETSAT data and products

ePort [data viewer](#) (flash based)

11. What sort of training resources would your institution be interested in borrowing from other satellite operators, CoEs or training programmes, to adapt and reuse? \*

The instructional design for user readiness and preparation campaigns / initiatives

## About VLab collaboration

12. Is this institution working closely together with the sponsored CoE(s) in VLab training activities? \*

x	Yes
	No

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

We have varying connection to the CoEs we support. Mostly the connection is focused on course organisation rather than planning strategically.

13. Do you maintain regular contact with the other VLab Supporting Satellite Operators/Agencies to discuss data access and format issues as well as training needs to improve the use of satellite data and products? \*

x	Yes
x	No

Please comment on the answer above and, if applicable, suggest ways to improve collaboration  
We work through CGMS to discuss formats – this is not solely a training issue. The same is true for EUMETCast / GEONETCast

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

Sharing of course designs and user readiness programmes

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

Sharing our materials and course designs.

We can also host visiting trainers if people wish to learn from us directly and we can learn from them during their visit.

# Training Events organised in 2015

Please prepare a table containing all training events organised by your institution 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 spread-sheet) directly from there. If the institution had conducted other training events considered as part of its VLab activities, that for some reason were not submitted to the Online Calendar, please add them to the spread-sheet downloaded from the Online Calendar.

In the case the institution has not submitted the training events to the Online Calendar, please complete the table below with the information required.

The table/spread-sheet containing the training events organised by the institution in 2015 should be sent to the VLab TSO by email at [luveeck@gmail.com](mailto:luveeck@gmail.com)

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

**All courses are included – there is no pure EUMETSAT course – everything we do is done in partnership!**

Start Date	End Date	Title	Location	WMO region	Host
01/01/2015	01/01/2015	Support to individuals 2015		VI Europe	
01/04/2015	02/07/2015	Satellite Application for the Middle East region Online Phase	Online	II Asia	PACA
02/22/2015	02/26/2015	Satellite Application for the Middle East region ESAC-ME-XI Classroom Phase	Muscat, Oman Pretoria, South Africa	II Asia	PACA
03/02/2015	03/06/2015	Satellite application for SADC Classroom Phase		I Africa	SAWS Estonian Environment Agency
03/17/2015	03/19/2015	Baltic+ Practical use of EUMETSAT data	Tallinn, Estonia	VI Europe	(ESTE) National Meteorological Agency of Ethiopia (NMA)
03/23/2015	03/27/2015	Land SAF Satellite Products on Applications in Agro Meteorology	Addis Ababa, Ethiopia	I Africa	
04/20/2015	04/20/2015	Planning training sessions, what information do you need? - 12:00 UTC	Online	VI Europe III South America	INPE
04/25/2015	04/29/2015	XVII Brazilian Symposium on Remote Sensing (XVII BSRS)	João Pessoa, Brazil	VI Europe	
04/27/2015	04/27/2015	How do you make training sessions more active? - 12:00 UTC	Online		The Swedish Meteorological and Hydrological Institute (SMHI)
05/04/2015	05/08/2015	NOMEK 2015	Norrköping, Sweden	VI Europe III South America	CPTEC/INPE
05/04/2015	05/08/2015	Meteorologia Por Satélite: Imagens, Produtos e Aplicações	Cachoeira Paulista	VI Europe	
05/07/2015	05/07/2015	Creating effective presentations - 09:00 UTC	Online		
05/11/2015	05/20/2015	International Summer School on Applications with the Newest Multi-spectral Environmental Satellites	Bracciano, Italy Wiener Neustadt, Austria	VI Europe	CNMCA/CIMSS
05/25/2015	06/26/2015	EUMETSAT- FSSI -Testbed		VI Europe	FSSI

		environmental monitoring	Federation		
06/08/2015	06/12/2015	Eumetcal Radar Course	Langen, Germany	VI Europe	DWD
06/15/2015	06/18/2015	Advancing training and education in weather prediction	Reading, UK	VI Europe	ECMWF
08/17/2015	08/21/2015	Forecaster Satellite Applications in Africa (SAC-XIII-E) Classroom Phase	Nairobi, Kenya	I Africa	IMTR National Research Council of Italy (CNR- IMMA)
09/01/2015	09/03/2015	4th SALGEE: 'MSG Land Surface Applications: Drought and Environmental Response'	Matera, Italy	VI Europe	
09/01/2015	09/25/2015	Forecaster Satellite Applications in Africa (SAC-XIII-F) Online Phase	Online	I Africa	EAMAC
09/06/2015	09/06/2015	Forecasting extreme hydrometeorological events	Sofia, Bulgaria	VI Europe	EMS
09/07/2015	09/18/2015	12th Ibero-American workshop on Satellite Meteorology	Montevideo, Uruguay	III South America	AECID Slovenian Environment Agency (ARSO)
09/08/2015	09/09/2015	NMS's training needs in SE Europe mtng	Ljubljana, Slovenia	VI Europe	
09/14/2015	09/18/2015	8th European Conference on Severe Storms (ECSS 2015)	Wiener Neustadt, Austria	VI Europe IV North America, VI Europe	ESSL
09/16/2015	09/16/2015	Webinar on access to RapidScat data	Online		EUMESTAT EUMETSAT in cooperation with Météo-France The University of Thessaloniki (AUTH)
09/21/2015	09/25/2015	2015 EUMETSAT Meteorological Satellite Conference	Toulouse, France	VI Europe	
09/28/2015	10/02/2015	Autumn School on nowcasting based on satellite data	Thessaloniki, Greece	VI Europe I Africa, III South America, V South-West Pacific	
10/13/2015	10/15/2015	Conceptual Models for Southern Hemisphere	Darmstadt, Germany	I Africa, VI Europe	EUMETSAT BDFC - UNEO/ROWA - WHO/CEHA
11/02/2015	11/05/2015	MENA health impact of airborne dust	Amman, Jordan		
11/02/2015	11/06/2015	Use of rapid scan data for monitoring and nowcasting of high impact weather	Prague, Czech Republic	VI Europe	CHMI
11/02/2015	11/06/2015	Training Development Workshop for Regional Training	Warsaw, Poland	VI Europe	IMGW

		Institutions in WMO RA VI			
11/23/2015	11/27/2015	Forecaster Satellite Applications in Africa (SAC-XIII-F) Classroom Phase	Niamey, Niger	I Africa	EAMAC
11/23/2015	11/27/2015	Event Week on Precipitation	Online	VI Europe	Eumetrain
11/23/2015	01/15/2016	5th Satellite Application Course for Southern Africa Online Phase	Online	I Africa	SAWS
02/08/2016	02/28/2016	Baltic+ 2016 Online Phase	Online	VI Europe	IMGW
02/29/2016	03/04/2016	5th Satellite Application Course for Southern Africa Assimilation of satellite data (EUMETSAT/ECMWF NWP SAF Training Course)	Pretoria, South Africa	I Africa	SAWS
03/14/2016	03/18/2016	Weather Simulator Building Workshop	Reading, UK	VI Europe	ECMWF
03/14/2016	03/18/2016	Baltic+ 2016	Nairobi, Kenya	I Africa	IMTR
03/15/2016	03/17/2016	Convection Working Group Workshop 2016	Warsaw, Poland	VI Europe	IMGW AERONAUTICA MILITARE
04/04/2016	04/08/2016	Environment Event Week 2016	Florence, Italy	VI Europe I Africa, II Asia, III South America, IV Central America / Caribbean, IV North America, V South-West Pacific, VI Europe	Eumetrain
04/11/2016	04/15/2016	Advanced SEEMET Training Course on Flash-floods and floods	Online	VI Europe	ARSO
04/19/2016	04/21/2016	NOMEK 2016	Ljubljana, Slovenia	VI Europe	LEGMC
04/25/2016	04/29/2016		Riga, Latvia	VI Europe I Africa, II Asia, III South America, IV Central America / Caribbean, IV North America, V South-West Pacific, VI Europe	
05/01/2016	10/31/2016	CALMet Online 2016	Online	Europe	CALMet

