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The WMO-CGMS VLab Global Network for Education and Training:

New 2015-2019 Strategy and Activity Update



Main Achievements

2014

Outline of Training Events organised in 2014

- 53 classroom events – 1000 participants
- 13 online events – 1300 participants
- 41 RFG sessions – 1000 participants
- 6 WMO official languages plus Portuguese
- Participants from all WMO RA

Countries Reached by VLab Training 2014 (classroom and online)





Main Achievements

2014

Outline of Training Events organised in 2014

Main challenges reported by VLab Centres of Excellence:

- Low number of personnel dedicated to training;
- Low budget for training;
- Time for training has to compete with other staff priorities;
- Distance learning not fully embraced;
- Internet issues and technology challenges;
- Language - limited number of events organised in languages other than English.



Main Achievements

2014

Outline of Training Events organised in 2014

Main suggestions to better support VLab Centres of Excellence:

- Increase opportunities for visits to international desks and internships hosted by satellite operators;
- Increase translation of materials and opportunities for training in languages other than English;
- Training trainers for development and delivery of online courses;
- Training to use Moodle;
- Increase CoE collaboration in RFG sessions (feedback and presenters);
- More funded projects (similar to CM4SH).



Main Achievements

2014

Major Activities since CGMS-42

Satellite Direct Readout Events

Session: Suomi NPP

Date: 8 April 2014

Presenter: Mitch Goldberg – NOAA, USA

Session: CSPP software supporting Suomi NPP

Date: 9 April 2014

Presenter: Liam Gumley – University of Wisconsin-Madison, USA

Event:	Satellite Direct Readout
Date:	8 – 9 April 2014
Initiative:	VLab
Online sessions:	two
Registered*:	66 13 countries All WMO-RA
Attended live*:	78 participants 9 countries WMO-RA: II, III, IV, VI

* Numbers presented are the total for the 2 sessions.

Resources available at VLab website
<http://www.wmo-sat.info/vlab/satellite-direct-readout/>



Main Achievements

2014

Major Activities since CGMS-42

Seventh Meeting of the VLab Management Group – VLMG-7

The VLMG-7 meeting took place at the Russian State Hydrometeorological University (RSHU) in Saint Petersburg, Russian Federation, 22-25 July 2014



Report available at VLab website
<http://www.wmo-sat.info/vlab/meeting-reports/>



Main Achievements

2014

Major Activities since CGMS-42

Seventh Meeting of the VLab Management Group – VLMG-7

Important outcomes from VLMG-7:

- During VLMG-7, Dr. Volker Gärtner, whose long-term contribution to VLab is highly commended by all partners, passed the co-chairmanship of VLab to Prof. Grigory Chichasov.





Main Achievements

2014

Major Activities since CGMS-42

AOMSUC-5 Training Workshop

This workshop was organized as a pre-event to the Fifth Asia Oceania Meteorological Satellite Users Conference in Beijing (November 2014).

Topic: Next Generation of Satellites

Trainers from: CMA, JMA, KMA, EUMETSAT and NOAA

Event:	Next Generation of Satellites - Workshop
Date:	17-18 November 2014
Organized by:	VLab CoE Beijing
Classroom event	Broadcast for remote view
Languages:	English
Participants:	81 participants 9 countries



Main Achievements

2014

Coordination with Partner Programmes

WMO Train the Trainer Online Seminar for WMO RA I - 2014

WMO Education and Training is offering a Train the Trainer Online Seminar for trainers from WMO RA VI in 2015.

VLab is once more collaborating with facilitators for the course.

Event:	WMO TtT Online Seminar RA I
Date:	February to June 2014
Organized by:	WMO-ETR
Languages:	English and French
Participants:	63 participants
VLab collaboration:	3 facilitators

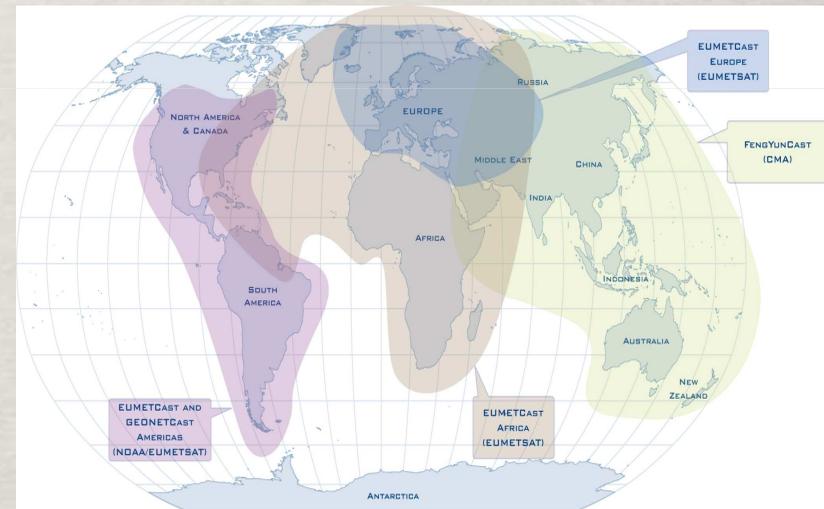


Main Achievements

2015

- **Train the Trainer Workshop on GEONETCast Americas**

- **Date:** 25-26 April 2015
- Sponsored by NOAA and WMO
- A follow up to the successful 2013 workshop at the same conference.
- The workshop highlighted resources for GEONETCast: the system, installation guidelines;
- 39 attendees from RA III and RA IV





Future Activities

❖ Plans for regional training events

Draft list of planned events included in the report.

Dates and registration links in the **VLab Training Calendar** at

Calendar of Events

This calendar of events shows the upcoming Training events, workshops, conferences and online sessions organised by VLab CoEs and VLab collaborators.

Date	Title	Location	Initiative	CoE involv.	Type	Language	Attendance	Contact	Link
28/01/2015 - 30/04/2015	Hinawari-8 Training Campaign - Phase I: Familiarisation	Online	VLab	Australia	Online course	English	Open	Sajo	Zeebink
17/03/2015 - 19/03/2015	Baltic+ course - Practical use of EUMETSAT data 2015	Tallinn, Estonia	EUMETSAT USC, NMS regional course		Classroom course	English	By invitation	Ma Kai	Sajo
17/03/2015 - 31/03/2015	Introduction to Global Precipitation Measurement (GPM) Data and Applications	Online	Other		Online course	English, Spanish	Open	Amita	Mehra
23/03/2015 - 27/05/2015	WMO/EUMETSAT Land SAF Satellite Products Training Course on Applications in Agro Meteorology	Addis Ababa, Ethiopia	EUMETSAT USC, Other		Classroom course	English	By invitation	Jorge	Camacho
2015/03/25 15:00 UTC - 2015/04/05 15:00 UTC	RFG of Central and South America and the Caribbean	Online	VLab	Barbados, Costa Rica	RFG discussion	English, Spanish	Open	Bernie	Connell
2015/04/05 15:00 UTC - 04/05/2015	RFG of Central and South America and the Caribbean	Online	VLab	Barbados, Costa Rica	RFG discussion	English, Spanish	Open	Bernie	Connell
04/05/2015 - 08/05/2015	NOMEK 2015	Norwåping, Sweden	EUMETSAT USC, NMS regional course		Classroom course	English	By invitation	Paulina Larsson	
11/05/2015 - 20/05/2015	International Summer School on Applications with the Newest Multi-spectral Environmental Satellites	Braconnio, Italy	EUMETSAT USC, Other		Classroom course	English	By invitation	Ma Gianluca	Cecchi Trentmann
08/06/2015 - 12/06/2015	EUMETSAT/CN SAF Workshop on "The Use of Gridded Satellite Data for Climate Services in Africa"	Freitoria, South Africa	EUMETSAT USC, NMS regional course	South Africa	Workshop	English	By invitation	Eug	Trentmann

<http://www.wmo-sat.info/vlab/calendar-of-events/>



New Strategy

VLab New Strategy 2015-2019

The focus of the new strategy continues to be on:

- Active support to the introduction of the new generation of satellites;
- The delivery of Regional Focus Group (RFG) sessions;
- The creation and maintenance of a central library/repository for recorded RFG sessions and other online events;
- Maximizing use of other online information resources, such as OSCAR and SATURN.



New Strategy

VLab New Strategy 2015-2019

- Engaging increasingly with other entities providing training, for example ECMWF or COSPAR;
- Supporting online capability in classroom events;
- The assurance of high quality of training using state-of-the-art educational tools and methods;
- Encouraging the development of training material in all WMO official languages and others, where possible.



New Strategy

VLab New Strategy 2015-2019

VLab will strive to deliver training in line with:

- WMO and GFCS strategic priorities;
- GEO societal benefit areas;

Strongly engaging in the areas of:

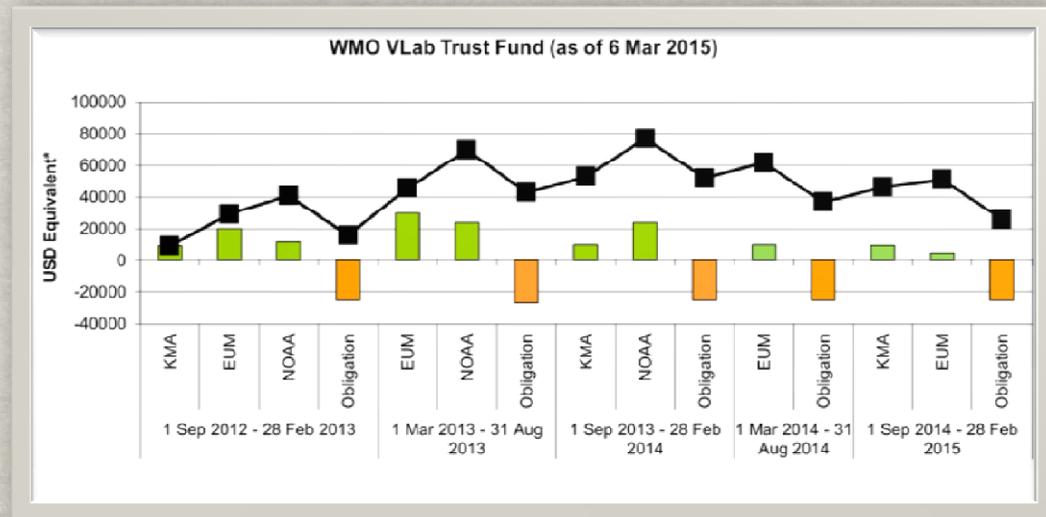
- climate monitoring; marine, ocean and coastal monitoring; dust, ash and smoke monitoring; and space weather.



Final words

Two major challenges for VLab:

1. To ensure the funding of the VLab Technical Support Officer;

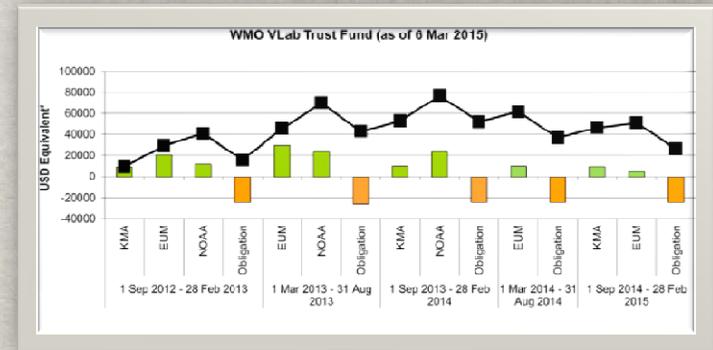




Final words

Two major challenges for VLab:

1. To ensure the funding of the VLab Technical Support Officer;
2. To aid the CoEs in achieving the agreed expectations, whilst the number of personnel available in their Centres is often not adequate to meet the scope of training activities required in their respective area of responsibility.





Keeping up to date

Keep up to date with VLab Activities at

<http://vlab.wmo.int>

- ❖ Online Calendar of Events
- ❖ VLab News
- ❖ Regional Focus Groups
- ❖ Projects
- ❖ VLab Newsletter

