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

New 2015-2019 Strategy and Activity Update

CGMS-43 Meeting, Boulder, CO, USA, 21-22 May 2015
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
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

<table>
<thead>
<tr>
<th>Event: Satellite Direct Readout</th>
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<tbody>
<tr>
<td><strong>Date:</strong></td>
<td>8 – 9 April 2014</td>
</tr>
<tr>
<td><strong>Initiative:</strong></td>
<td>VLab</td>
</tr>
<tr>
<td><strong>Online sessions:</strong></td>
<td>two</td>
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</tbody>
</table>
| **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  
Major Achievements 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.
This workshop was organized as a pre-event to the Fifth Asia Oceania Meteorological Satellite Users Conference in Beijing (November 2014).

**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 from 9 countries

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

**Major Activities since CGMS-42**

**AOMSUC-5 Training Workshop**
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.

<table>
<thead>
<tr>
<th>Event:</th>
<th>WMO TtT Online Seminar RA I</th>
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<tbody>
<tr>
<td>Date:</td>
<td>February to June 2014</td>
</tr>
<tr>
<td>Organized by:</td>
<td>WMO-ETR</td>
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<tr>
<td>Languages:</td>
<td>English and French</td>
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<tr>
<td>Participants:</td>
<td>63 participants</td>
</tr>
<tr>
<td>VLab collaboration:</td>
<td>3 facilitators</td>
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</table>
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

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