

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. *

Brazil 

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: technicians

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.

27 people involved; 19% from different institutions

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.

Training to use the Moodle system is provided for trainers. Also new methods for the preparation of the material used in the courses are always evaluated and implemented. Experiences from more involved researchers since the creation of the Brazilian CoE is also always passed on to new joint members, and the VLab follow-up material is always analysed.

Diego Souza, a trainer from our CoE also participated at the workshop "WMO/NOAA Train the Trainer Workshop on Satellite Data Access, Application, and GEONETCast Americas", 25-26 April 2015, Greenbelt MD, USA.

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

A face to face course offered about: "Meteorological Satellite: Image, Products and Applications" from 04-08 May 2015 at CPTEC/INPE

Participation of Daniel Vila at the "Real Time Monitoring of Global Precipitation from Space: New Technologies Applied to Heavy Rainfall Risk Reduction - WGCapD & WGDIsasters" - Distance Education Course - Webinar Series on Remote Sensing Technology for Disaster Management - Committee on Earth Observation Satellites (CEOS) - April/May 2015.

Participation of Daniel Vila at the "GOES-R: how to take advantage of the new generation of geostationary satellites in South and Central America - Next Generation of Satellites Event Week - Virtual Laboratory (VLab/WMO)" - from 16 to 20 November 2015 (online).

5. What were the main difficulties of your CoE during this reporting period? *

Time consuming organization with few administration staff.

About Training

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

- Saba Centra
- Blackboard Collaborate
- GoTo (Webinar, Meeting)
- Cisco Webex
- Online Conferencing System is not used
- Other: Abobe connect

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) Material Prática 04 – PARTE 1 “Estudo de Caso e Aplicação das ferramentas”; 2)

Moodle; 3) institutional

1) Material Prática 04 – PARTE 2 “Estudo de Caso e Aplicação das ferramentas”; 2)

Moodle; 3) institutional

1) Apostila aulas práticas 01, 02 e 05; 2) Word document; 3) institutional

1) Aula 02 “Conceitos Básicos da Radiação aplicada à Meteorologia por Satélite”; 2) PDF presentation; 3) institutional

1) Aula 05 – PARTE 1 “Aplicações de imagens de satélite na análise de sistemas atmosféricos”; 2) PDF presentation; 3) institutional

1) Aula 05 – PARTE 2 “Aplicações de imagens de satélite na análise de sistemas atmosféricos”; 2) PDF presentation; 3) institutional

1) Aula 06 “Zona de Convergência do Atlântico Sul – ZCAS”; 2) PDF presentation; 3) institutional

1) Aula 07 “Previsão Imediata de Tempo”; 2) PDF presentation; 3) institutional

1) Aula 08 “Previsão Imediata de Tempo”; 2) PDF presentation; 3) institutional

1) Aula 09 – PARTE 1 “Aplicações de Satélites no monitoramento da superfície”; 2) PDF presentation; 3) institutional

1) Aula 09 – PARTE 2 “Aplicações de Satélites no monitoramento da superfície”; 2) PDF presentation; 3) institutional

1) Aula 10 “Aplicações de Satélites na estimativa de Radiação; 2) PDF presentation; 3) institutional

1) Seminário “Precipitation Products from the Hydrology SAF / Current status and future development”; 2) PDF presentation; 3) institutional

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.

We used material provided in the COMET website, but other materials provided from other CoE (such as Argentina), EUMETSAT, NOAA, NASA and other agencies may also be useful for future training.

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 *

Yes we work in close collaboration as we are both the CoE and Satellite Operator Agency.

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? *

Financial support for our training courses and collaboration of other researchers for the lectures.

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 can collaborate with RFG sessions organised by other CoEs and organise joint training events in satellite meteorology.

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).

This content is neither created nor endorsed by Google.

Google Forms

Sheet1

Date	Title of Event	Location	WMO Region	Host	Type	Language	Number of trainees	Country of origin of trainees
04-08 April 2015	Meteorological Satellite: Image, Products and Applications	Cachoeira Paulista	III	DSA/CPTEC/ INPE	classroom	Portuguese	34	Quiné-Bissau (1), Cabo verde (1), Angola (1), Colombia (1), Peru (2), Paraguay (1), Uruguay (1), Brazil (26)