



WMO-CGMS Virtual Laboratory  
for Education and Training in Satellite Meteorology

## **ACTIVITY REPORT**

Period: September 2012 to December 2013  
Satellite Operator/Agency: INPE

## GENERAL INFORMATION ABOUT THE SUPPORT OFFERED TO VLAB CENTRE(S) OF EXCELLENCE (CoE) AND THE DEVELOPMENT OF VLAB TRAINING ACTIVITIES

### 1) Which VLab CoE(s) is(are) supported by this Satellite Operator/Agency?

CoE-Brazil

### 2) What were the major achievements in supporting VLab CoE(s) during this reporting period?

- Participation of Trainers from others CPTEC's groups
- Better training material (lecture notes and extended material are available to the users)

### 3) What were the main difficulties in supporting VLab CoE(s) during this reporting period?

- Support to maintain a personal full-time or part-time dedicated to Vlab activities.

### 4) Is any kind of Learning Management System (e.g. Moodle, Blackboard, etc) used by this Satellite Operator/Agency to conduce training activities? If so, can it be shared with the CoEs you support?

Moodle

### 5) Is any kind of Online Conferencing System (e.g. Saba Centra, Blackboard Collaborate, GoToWebinar, etc) used by this Satellite Operator/Agency to conduce training activities? If so, can it be shared with the CoEs you support?

RNP (Rede Nacional de Ensino e Pesquisa - <https://www.rnp.br/en/>) .

### 6) Can you suggest ways for the VLab (including CoEs, Supporting Satellite Agencies, Partner Programmes, WMO Space Programme, VLab Co-chairs and TSO) to provide better support to the training activities of this Satellite Operator/Agency?

### 7) Does this Satellite Operator/Agency has a website dedicated to explain its involvement and support to VLab (as indicated in the document "Expectations from Satellite Operators)? If so, please provide URL.

No.

### 8) 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? Can you suggest ways of improving this contact?

Yes with NOAA.

### 9) Please use the table below to list any training materials you may have developed over this reporting period:

Title of training material	Type of resource (e.g. text book, video, recorded	Availability of resource (e.g. open educational	Submitted to ESRC (Yes/No)

	<b>presentation, Moodle course, webcast, PowerPoint slides)</b>	<b>resource<sup>1</sup>, institutional use only)</b>	
<i>Applications of Meteorological Satellite Products</i>	<i>Lecture notes Recorded presentation</i>	<i>Institutional only</i>	<i>No</i>

**10) Is this Satellite Operator/Agency working closely together with the supported CoE(s) in VLab training activities? Can you suggest ways to improve this collaboration?**

Although, INPE is the CoE and Satellite Operator, the CoE-Brazil has basically support from local administration: Satellite and Environmental Division (DSA) that belongs to CPTEC/INPE. We think that Vlab could contact formally the new INPE's coordination and promote the importance of Satellite Operator to support the CoE –Brazil, mainly in this new phase, that CoE is trying to progress on capacity building.

**11) Please use this space for additional remarks you may wish to make relating to the delivery of training by the Satellite Operator/Agency and the sponsored CoE(s).**

**12) The next page presents a table containing all training events entered by this Satellite Operator/Agency in the VLab Online Calendar of Events during this reporting period. Please complete the table with information about the number of trainees and Country of origin of trainees that attended the events. If additional events had been conducted as part of your VLab activities, that for some reason were not submitted to the Online Calendar of Events, please add them to the table.**

<sup>1 1</sup> Please also indicate if the Creative Commons License was applied to the resource.

Date	Title	Location	WMO region	Host	Type	Language	Number of trainees	Country of origin of trainees
2012/09/10 - 2012/09/12	Weather Radar Course	Online	III	CPTEC/INPE	Online course	Portuguese	22	Brazil(20), Cabo Verde (1), Uruguay (1)
2012/10/08 - 2012/10/11	Virtual Laboratory Management Group - 6th Meeting	Sao Jose dos Campos - Brazil	III	CPTEC/INPE	Workshop	English	~25	Argentina, Australia, Barbados, Brazil, China, Costa Rica, Kenya, EUA, Morocco, Niger, Oman, Rússia Federation, South Africa.
2012/12/10 - 2012/12/11	Meteorology and Health - Second Edition	Online	III	CPTEC/INPE	Online course	Portuguese	42	Brazil (40), Cabo Verde (1), Peru(1)
2013/02/19 - 2013/02/21	Satellite Meteorology Course - Third Edition -	Brazil	III	CPTEC/INPE	Online course	Portuguese	59	Brazil (56), Cabo Verde (2), Peru(1)
2013/03/13 - 2013/03/15	Satellite Meteorology applied to Agriculture - Third Edition -	Cachoeira Paulista	III	CPTEC/INPE	Online course	Portuguese	55	Brazil (54), Bolivia (1)
2013/04/23 - 2013/04/25	Hydrology Applications of Meteorological Satellite Products - Third Edition -	Cachoeira Paulista	III	CPTEC/INPE	Online course	Portuguese	40	Brazil
2013/08/12 - 2013/08/16	Visual Interpretation of Satellite Images	Online	III	CPTEC/INPE	Online course	Portuguese	94	Brazil (90) , Peru(3), EUA(1)
2013/10/02 - 2013/10/02	Virtual Round Table on Aeronautical Meteorological Competences – Portuguese	Online	III	INFRAERO	Online course	Portuguese	26	Brazil (23), Portugal (3)
2013/10/29 - 2013/10/31	Satellite Fire Monitoring	Cachoeira Paulista	III	CPTEC/INPE	Classroom course	Portuguese	16	Brazil
2013/12/03 - 2013/12/05	GEONETCast Semana del evento	Online	III, IV	CIRA	Event week	Spanish	~35	Several countries from WMO Regions III & IV



---

2013/12/03 - 2013/12/05	GEONETCast Event Week	Online	III, IV	CIRA	Event week	English	~20	Several countries from WMO Regions III & IV