

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. *

Argentina ▼

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:

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.

The center has only 2 university instructors, 1 Met technician, 3 advanced students (Meteorology, Tic and secondary teacher) and 2 administrative. We have the support of some professionals, researchers, students, technicians, part time trainers dictating classroom courses and distance learning, but economic resources are not enough for adequate technology, or to hire experts to meet the needs of training at national or regional level.

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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.

Yes, the center promotes different kinds of train the trainer courses (there are some blended or online courses prepared for the public service which are alligned to WMO Train the Trainer , but shorter such as: designing activities, planning a whole course, moodle). Also 2 persons from our staff provide sessions and support for working on moodle and designing evaluations.

They are not compulsory. The difficuty is time and money. Many professionals have more than one job.

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

The Center has designed and implemented several online courses on Moodle, which were offered to the region:

Distance Learning

- Meteorological Observer for ARII and ARIV , the theoretical subjects with their activities, each country must certify practices observation at meteorological stations.
- Volcanic Ash Course with the participation of 80 people from the AR III and IV,
- Planning Metar / Speci to be issued in the second half 2016 for ARIII and IV.

Classroom courses

- Solar radiation
- Space Weather ,
- Environmental Remote Sensing.
- Lidar.

For classroom courses the Center does not have budget to support foreign participants.

Participation in CM4SH 2nd phase

Calmet Online 2014 Bilingual, Case Study applying Zonda conceptual model (CM4SH) with a Simulators

2015 WMO Training for Tainnig for R VI, 5 participant from SMN

Calmet 2015, Seoul, 2 participants, poster presentation

Planning, translation and coordination for Training for training 2016 Spanish for AR III y ARIV

Participation in the events: CM4SH Meeting - GGeoNetCast Americas - Nooa

WMO- Aeronautical Meteorology workshop, Buenos Aires (Dec 2014)

WMO-CIMO Metrology workshop, Buenos Aires

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

Political and Institutional changes in the country,

Technology and professional for developing and design of audiovisual activities.

Time: few personnel with partial dedication for developing training resources.

Budget: low budget for trainers and to improve technological support.

Communication: no reliable internet access, communication difficulties

Little Relationship with other Regional training Centers , CoEs and WMO Technical Comissions.

Language: few opportunities of conference sessions and materials in Spanish and for South America.

Geographical distances: online and web conferences are not yet commonly used.

Status of training: we need to find better strategies to motivate personnel into training, resistance of experts to change into online training and difficulties to offer ongoing training.

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: We are trying to implement online conferencing systems, but currently we only participate in events organized by others.

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).

- * Weather Observer - Moodle course - all the resources can be shared
 - * Volcanic Ash - Moodle can be shared
 - * Metar Moodle can be shared
 - * Quality Standards Moodle can be shared
 - * General Meteorology UBA Moodle can be shared
 - * SIM Zonda; Calbuco eruption; Convective Storm can be shared..
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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.

This center is very interested in sharing the available material and technology with other centers, to develop more comprehensive courses that can be used by the region where each provides the geographical special situations of their country, climate condition. We need diagrams, animations, graphical design, audiovisual resources. It takes time and we do not have the budget to pay for the development of this.

About VLab collaboration

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 *

We have recently reinforced the relationship with CONAE in the framework of the VLab. We have just identified some common goals to organize regional online courses.

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? *

There is a need for training by experts in the use of new satellites to ensure a more efficient use of available resources, training personnel in each country and each agency operators, so that the information shared is more homogeneous

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 offer support to WMO to coordinate, translate and facilitate the Train the Trainer course in spanish to RAI and IV.

promote activities of Vlab at the regional level to share events, such as discussions of special situations and climate watch, generate more online courses synchronous and asynchronous

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).

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Date	Duration	Title of Event	Location	WMO Region	Host	Type (online, classroom, blended, RFG)	Language	Number of trainees	Foreign	Country of origin of trainees
16 February	4 months	Training for Trainers	OMM, ERT	RA VI	OMM	Online	English	7	-	Argentina
7 March	18 months	Surface Weather Observer	Buenos Aires, Argentina	RA III	SMN	Blended	Spanish	82	-	Argentina
11 May	1 week	Geomagnetism and Space Climatology	Buenos Aires, Argentina	RA III	SMN	Classroom	Spanish	11	-	Argentina
22 June	2 months	Radiosone Observer	Buenos Aires, Argentina	RA III	SMN	Blended	Spanish	36	-	Argentina
25 August	8 months	Surface Weather Observer Self-managed	Buenos Aires, Argentina	RA III	SMN	Online	Spanish	242	-	Argentina
7 September	2 weeks	LiDAR Data Interpretation	Buenos Aires, Argentina	RA III	SMN	Classroom	Spanish	21	3	Argentina, Chile
21 September	1 week	Introduction to Environmental Remote Sensing	Buenos Aires, Argentina	RA III	SMN	Classroom	Spanish	16	-	Argentina
01 October	3 weeks	Antartic Meteorology	Buenos Aires, Argentina	RA III	SMN	Classroom	Spanish	16	-	Argentina
13 October	4 weeks	Volcanic Ash	Buenos Aires, Argentina	RA III & IV	SMN	Online	Spanish	80	49	Argentina, Chile, Colombia, Ecuador, Perú, Uruguay, Dominican Republic
13 October	2 months	METAR – SPECI	Buenos Aires, Argentina	RA III	SMN	Online	Spanish	25	-	Argentina
14 October	1 week	Evaluation of Solar Radiation	Buenos Aires, Argentina	RA III	SMN	Classroom	Spanish	25	-	Argentina
19 October	1 week	Magnetic mapping survey and observation	Buenos Aires, Argentina	RA III	SMN	Classroom	Spanish	6	-	Argentina
26 October	1 week	Metrología Workshop	Buenos Aires, Argentina	RA III & IV	OMM-CIMO SMN	Classroom	Spanish	20	13	Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Perú, Uruguay, Venezuela, Costa Rica, Guatemala, Dominican Republic, Honduras, Mexico