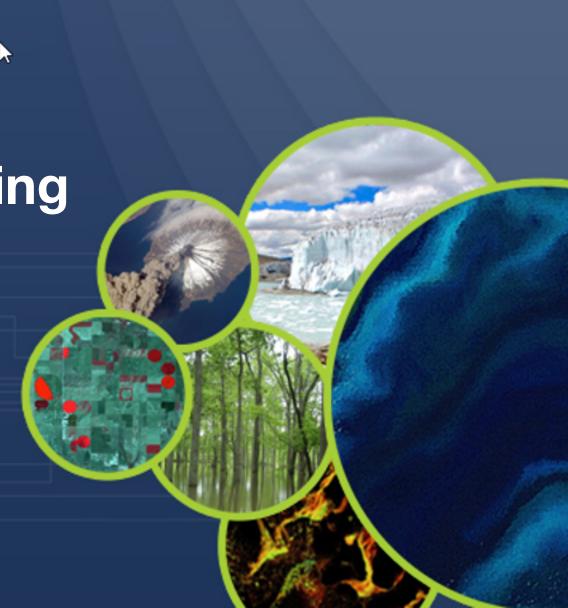


Innovations in VLab Training

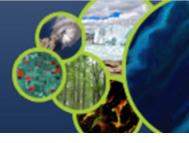
Session 2: Spotlight on Innovation WMO Virtual Laboratory Luciane Veeck

CEOS WGCapD-9 Annual Meeting Sunnyvale, California 10-12 March 2020





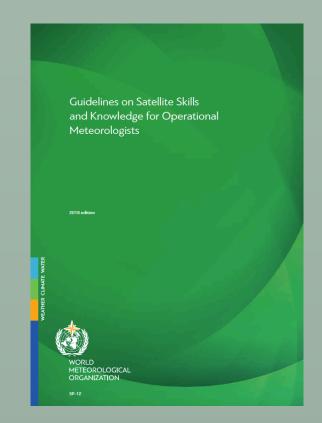
Competency-based Training

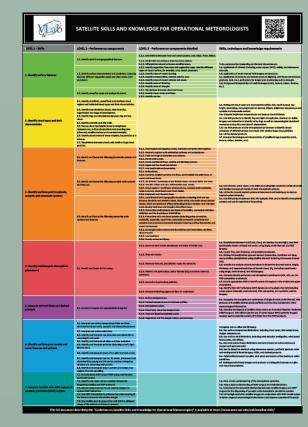




Competency-based Training

- Competency is a combination of skills, knowledge and behaviours.
- VLab training focus on skills.
- * The satellite skills framework was developed by VLab and it is revised every two years.





Guide to Competency (WMO-No. 1205)

Compendium of WMO Competency Frameworks (WMO-No. 1209)

Guidelines on Satellite Skills and Knowledge for Operational Meteorologists (SP-12)



Competency-based training How did we implement it?



1. Consider the Skills in the training development plan

- Identify the Skills that will be addressed
- State the Skills in the course description

2. Add it to certificates

 State the Skills addressed by courses in the back of certificates.

3. Link the training to the existing competency framework

- In Calendar announcements
- In the Library of training resources

Challenge

Reaching wide adoption of the Satellite Skills in training.

Solution

Awareness campaign to inform trainers and professionals (e.g. operational meteorologists).



Value observed

- Trainers reported the Skills helping to write clearer LOs for courses.
- Professionals reported using the satellite skills to identify gaps in their skills' set.



Digital Badges

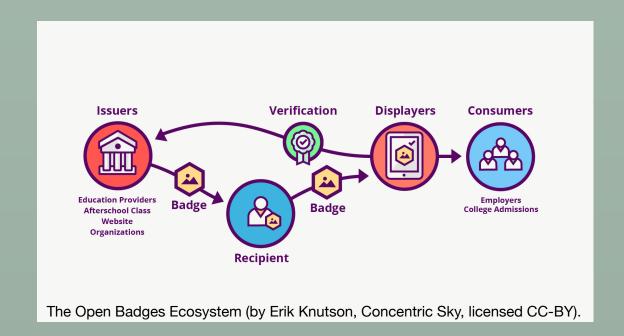




Digital Badges contain:

- Details about the organisation issuing the badge
- What the individual has done to earn the badge
- That the badge was issued to the expected recipient
- Fig. The badge earner's unique evidence (optionally included)
- When the badge was issued and whether it has expired

Digital Badges represent legitimate, authenticated achievements, described within a badge and linked to the awarding organisation.



Open Badges



Digital Badges

How do we intend to implement it?



1. Introduce the idea to VLab Members

- Explain how it works
- Discuss advantages and workload involved

2. Procure partners

- Procure partners to participate in a Pilot
- 3. Provide Guidance and support
- Provide guidelines for implementation
- Support initial set up and testing

Challenge

- Getting training providers onboard;
- Informing users how to benefit from sharing their badges (and how to do it).



Benefits

- Provision of verifiable records of learning;
- Possibility to share records in various platforms;
- Sharing of records are controlled by learners.



Opportunities for WGCapD



Calendar of Events

All training events planned by VLab Members are shown in the Online Calendar. Browse the calendar at http://trainingevents.eumetsat.int We are working in coordination with WMO Global Campus and CEOS calendar developers for sharing of data.

Training Resources

Since recent launching of the WMO Global Campus E-Library, VLab Members started sharing training resources at https://library.wmo.int Check the "Global Campus" section of the library and browse the WMO competencies for resources in Satellite Skills and Knowledge for Operational Meteorologists.



Satellite Skills

Satellite skills are the main focus of VLab training to operational meteorologists. These were last updated by VLab and published by WMO in 2018. Download it from the VLab website at https://www.wmo-sat.info/vlab/ss/

Regional Focus Groups

Regional Focus Groups are organised by various VLab Members to widen the access to training events and training resources to neighbouring countries in their WMO Regions. Find out how to participate in the VLab RFGs by visiting our website at https://www.wmo-sat.info/vlab/rfg/



Publication coming soon! WMO Global Campus Innovations: New Directions for Education and Training

