

## Monday 26 September 2022

PLENARY DAY 1			
TIME (CEST/UTC)	AGENDA ITEM	FORMAT	DOCUMENTS
14:00/12:00	<b>Registration</b> <i>Participants should hand in their posters to organizers during registration.</i>		
14:30/12:30	<b>Opening session</b> <ul style="list-style-type: none"> <li>Opening remarks (<i>VLab Co-Chairs, WMO, and Host</i>)</li> <li>Local logistics information (<i>Host</i>)</li> <li>Introduction of the participants: what're your expectations from VLMG-10 (<i>Tour de Table</i>)</li> </ul>	Tour de Table	
15:00/13:00	<b>Self-assessment and Annual reports of VLab Centres of Excellence &amp; Satellite Operators</b> <ul style="list-style-type: none"> <li>Addressing challenges identified by individual members</li> <li>Key achievements reported by individual members</li> <li>How can VLab office and VLMG help?</li> </ul>	Presented by WMO Secretariat and follow up discussions	<a href="#">VLab CoEs and SatOps Self-Assessment 2021</a>  <a href="#">VLab CoEs 2021 Annual Reports</a>  <a href="#">VLab SatOps 2021 Annual Report</a>
16:00/14:00	<b>Break</b>		
16:30/14:30	<b>Knowing and Communicating VLab achievements</b> <ul style="list-style-type: none"> <li>The need to improve communication of VLab achievements: VLab website, YouTube Channel, Facebook, WhatsApp, Telegram, WeChat, etc.</li> <li>Are there key VLab messages that need to be communicated?</li> <li>Communication to CGMS &amp; ET-SSU</li> <li>Dashboard, reflections / statements from VLab members</li> </ul>	Presented by TSO and follow up discussions	<a href="#">VLab Factsheet</a> <a href="#">VLab website</a> <a href="#">VLab YouTube Channel</a> <a href="#">VLab Facebook</a> WhatsApp, Telegram, WeChat channels
17:30/15:30	<b>Summary of the day</b>		
18:00/16:00	<b>ICE-BREAKER</b>		

## Tuesday 27 September 2022

### PLENARY DAY 2

TIME (CEST/UTC)	AGENDA ITEM	FORMAT	DOCUMENTS
08:30/06:30	<b>VLab Training Calendar</b> <ul style="list-style-type: none"> <li>VLab/EUMETSAT Training Calendar</li> <li>Short demo of VLab/EUMETSAT Training Calendar usage</li> <li>Links to other Training calendars</li> </ul>	Presented by EUMETSAT and follow up discussions	<a href="https://trainingevents.eumetsat.int/">https://trainingevents.eumetsat.int/</a>
09:00/07:00	<b>Reflections on Virtual Training: Successes!</b> <ul style="list-style-type: none"> <li>What worked well and what didn't work so well?</li> <li>What can we keep and how can we better incorporate it?</li> <li>Technology used for virtual courses</li> </ul>	<a href="#">South Africa CoE</a> Argentina CoE Andreas Wirth (EUMeTrain) ISRO  <b>Ask members to contribute</b>	
10:00/08:00	<b>Break</b>		
10:30/08:30	<b>WMO-ETR &amp; VLab:</b> <ul style="list-style-type: none"> <li>The Consortium of WMO Education and Training Collaborating Partners (CONNECT) – what benefits VLab can harvest from participating;</li> <li>The review of the WMO Course for Trainers – an overview of the plans for the new format of the course for trainers and discuss how this can continue supporting trainers from VLab;</li> <li>Updates on how the SYMET-14 Statement is being used and acted upon by WMO Secretariat;</li> <li>WMO publications on education and training (e.g. WMO-No. 1114, 1169, 1083) and why they matter for VLab CoEs;</li> <li>An update on the main activities of ETR: potential partnerships with VLab CoEs.</li> </ul>	Presented by ETR and follow up discussions	
11:30/09:30	<b>Online courses and resources: discussion</b> <ul style="list-style-type: none"> <li>developing the quality;</li> <li>digital badges;</li> <li>evaluation and issuing certificates</li> </ul>	<a href="#">South Africa CoE</a>  <b>Ask members to contribute</b>	
12:30/10:30	<b>Lunch</b>		
13:30/11:30	<b>VLab partners (COMET, ARSET, EOTEC DevNet):</b> <ul style="list-style-type: none"> <li>how these collaborations benefit VLab and partners,</li> </ul>	Lee-Ann, Brock, Sydney  <i>5-10 min presentations from each partner</i>	

	<ul style="list-style-type: none"> <li>what are VLab partners gaining from participating and where do they think their contributions fit in?</li> </ul>		
<b>14:00/12:00</b>	<b>Using novel technology in training: Introduction to Virtual Reality technology</b>	Presented by the VLab TSO	
<b>14:30/12:30</b>	<b>Poster session 1</b>	<a href="#">South Africa CoE</a>	
<b>15:30/13:30</b>	<b>Tour to the EUMETSAT Control Centre</b>		
<b>16:30/14:30</b>	<b>Group photo</b>		
<b>17:00/15:30</b>	<b>Summary of the day</b>		

Wednesday 28 September 2022

**REGIONAL DISCUSSIONS**

TIME (CEST/UTC)	AGENDA ITEM	FORMAT	DOCUMENTS
08:30/06:30	<b>Introduction to the regional discussions</b>	Led by VLab Co-Chairs and TSO	
09:00/07:00	<p><b>Regional discussions: Information Gathering</b></p> <p><b>Eastern region:</b> CoE Australia (remote), CoE China (remote), JMA (remote), CMA (remote), Roshydromet (remote), CoE Russia, KMA, BMKG</p> <p><b>Central region:</b> CoE Kenya, CoE Morocco, CoE Niger, CoE Oman, CoE South Africa, and EUMETSAT</p> <p><b>Western region:</b> CoE Argentina, CoE Barbados, CoE Brazil, CoE Costa Rica, NOAA/CIRA, INPE</p> <p><b>Topics to discuss:</b></p> <ul style="list-style-type: none"> <li>• Data access</li> <li>• Sharing training resources</li> <li>• Trainer's training</li> <li>• Users training</li> <li>• Links to universities &amp; research</li> <li>• Aspects of communicating the message</li> </ul>	<p>Working groups</p> <p><b>Eastern region</b> (led by VLab Co-Chair WEN Bo): ISRO</p> <p><b>Central region</b> (led by RAIDEG Chair): <a href="#">South Africa CoE</a></p> <p><b>Western region</b> (led by (RA-III-IV-SDR-Group Co-Chairs): Argentina CoE</p> <p><b>Ask members to contribute</b></p>	
10:00/08:00	<b>Break</b>		
10:30/08:30	<b>Regional discussions: discussions and prepare output to present to the whole VLMG group</b>		
12:00/10:00	<b>Lunch</b>		
13:00/11:00	<b>Regional discussions: discussions and prepare output to present to the whole VLMG group (cont.)</b>		
14:30/12:30	<b>Break</b>		
15:00/13:00	<b>Poster session 2</b>		
16:00/14:00	<b>Wrap up for regional discussions: identifying some key challenges for training and potential solutions</b>	led by VLab Chairs	
17:30/15:30	<b>Summary of the day</b>		
18:30/16:30	<b>RECEPTION (EUMETSAT HQ)</b>		

Thursday 29 September 2022

SATELLITE DATA FOR VARIOUS APPLICATIONS			
TIME (CEST/UTC)	AGENDA ITEM	FORMAT	DOCUMENTS
08:30/06:30	<p><b>Application of the new GEO and LEO programmes in severe weather forecasting – successes and lessons learned</b></p> <p><b>1. Operational integration</b></p> <ul style="list-style-type: none"> <li>- How is it being integrated operationally?</li> <li>- Are the training needs attended? - quick guides / videos, reusing other resources.</li> </ul> <p><b>2. New ways of data dissemination Data Services</b></p> <ul style="list-style-type: none"> <li>- What is new?</li> <li>- What does it mean for VLab?</li> </ul>	<p><a href="#">South Africa CoE</a> Argentina CoE Oman CoE ISRO</p> <p><b>Ask members to contribute</b></p>	
09:30/07:30	<b>Break</b>		
10:00/08 :00	<b>Climate monitoring and climate risk assessment – assessing VLab readiness to support training</b>	<p><a href="#">South Africa CoE</a> <b>Ask members to contribute</b></p>	
11:00/09:00	<b>Agricultural applications – assessing VLab readiness to support training</b>	<p><a href="#">South Africa CoE</a> ISRO <b>Ask members to contribute</b></p>	
12:30/10:30	<b>Lunch</b>		
13:30/11:00	<b>Marine forecasting – assessing VLab readiness to support training</b>	<p><a href="#">South Africa CoE</a> ISRO Oman CoE <b>Ask members to contribute</b></p>	
14:30/12:30	<b>Monitoring of Space Weather – presentations on existing training</b>	<p><a href="#">South Africa CoE</a> Argentina CoE <b>Ask members to contribute</b></p>	
15:00/13:00	<b>Break</b>		
15:30/13:30	<p><b>Guidelines on satellite skills and knowledge for operational meteorologists:</b></p> <ul style="list-style-type: none"> <li>• Updates on the publication of revised version</li> <li>• Revisiting suggestions to add climate and agriculture related skills</li> <li>• Discussions on how the guidelines have been used</li> </ul>	Led by Bernie	
16:30/15:30	<b>Defining the priorities for VLab for the coming years: towards a new VLab Strategy</b>	<p><a href="#">South Africa CoE</a> Oman CoE ISRO</p>	

		<b>Ask members to contribute</b>	
<b>18:00/16:00</b>	<b>Summary of the day</b>		

Friday 30 September 2022

PLENARY DAY 3			
TIME (CEST/UTC)	AGENDA ITEM	FORMAT	DOCUMENTS
08:30/06:30	Attracting new forecasters and trainers: discussion	<a href="#">South Africa CoE</a> Argentina CoE  <b>Ask members to contribute</b>	
09:00/07:00	<b>Training resources</b> <b>a. Sharing of training resources produced by VLab members</b> <ul style="list-style-type: none"> <li>• RGB quick guides: open library in original formats</li> <li>• What is available to use in training</li> <li>• What is available to reuse and adapt (including translation)</li> <li>• Do we agree that all training resources produced by joint effort between VLab members will carry the Creative Commons Attribution (CC BY-A)?</li> </ul> <b>b. Accessing VLab training resources</b> <ul style="list-style-type: none"> <li>• Where are these training resources available from?</li> <li>• Is the visibility good enough?</li> <li>• Do members have issues with storage and making stored resources accessible?</li> <li>• The Training Resources Library (Part of Global Campus)</li> </ul> <b>c. Good practices in Translation</b> <ul style="list-style-type: none"> <li>• Sharing experiences</li> <li>• Planning of key resources to be translated</li> </ul>	<a href="#">South Africa CoE</a>  <b>Ask members to contribute</b>	
10:00/08:00	<b>Break</b>		
10:30/07:30	<b>Any other upcoming relevant meetings</b>		
11:00/08:00	<b>Review of actions and recommendations from VLMG-9 and VLMG-10</b>	VLab TSO and WMO Secretariat	
11:30/09:30	<b>Any other business &amp; VLMG-11 meeting</b>		
12:00/10:00	<b>Final communications and Closure of the Meeting</b>		
12:30/10:30	<b>Lunch</b>		

## LIST OF ACRONYMS AND ABBREVIATIONS

VLab	Virtual Laboratory for Training and Education in Satellite Meteorology
VLMG	VLab Management Group
CGMS	Coordination Group for Meteorological Satellites
ET-SSU	Expert Team on Space Systems and Utilization (under WMO)
TSO	Technical Support Officer
WMO-ETR	Education and Training Programme (under WMO)
SYMET-14	14th WMO Symposium on Education and Training
COMET	<a href="https://www.comet.ucar.edu/">https://www.comet.ucar.edu/</a>
ARSET	Applied Remote Sensing Training Program ( <a href="https://appliedsciences.nasa.gov/what-we-do/capacity-building/arset">https://appliedsciences.nasa.gov/what-we-do/capacity-building/arset</a> )
EOTEC DevNet	Earth Observation Training, Education, and Capacity Development Network ( <a href="https://ceos.org/ourwork/other-ceos-activities/eotec-devnet/">https://ceos.org/ourwork/other-ceos-activities/eotec-devnet/</a> )
RAIDEG	RA I Dissemination Expert Group
RA-III-IV-SDR-Group	Coordination Group on Satellite Data Requirements for RA III AND RA IV)
CoE	Centre of Excellence
SatOp	Satellite Operator