



# WMO and Other Trainer Resources

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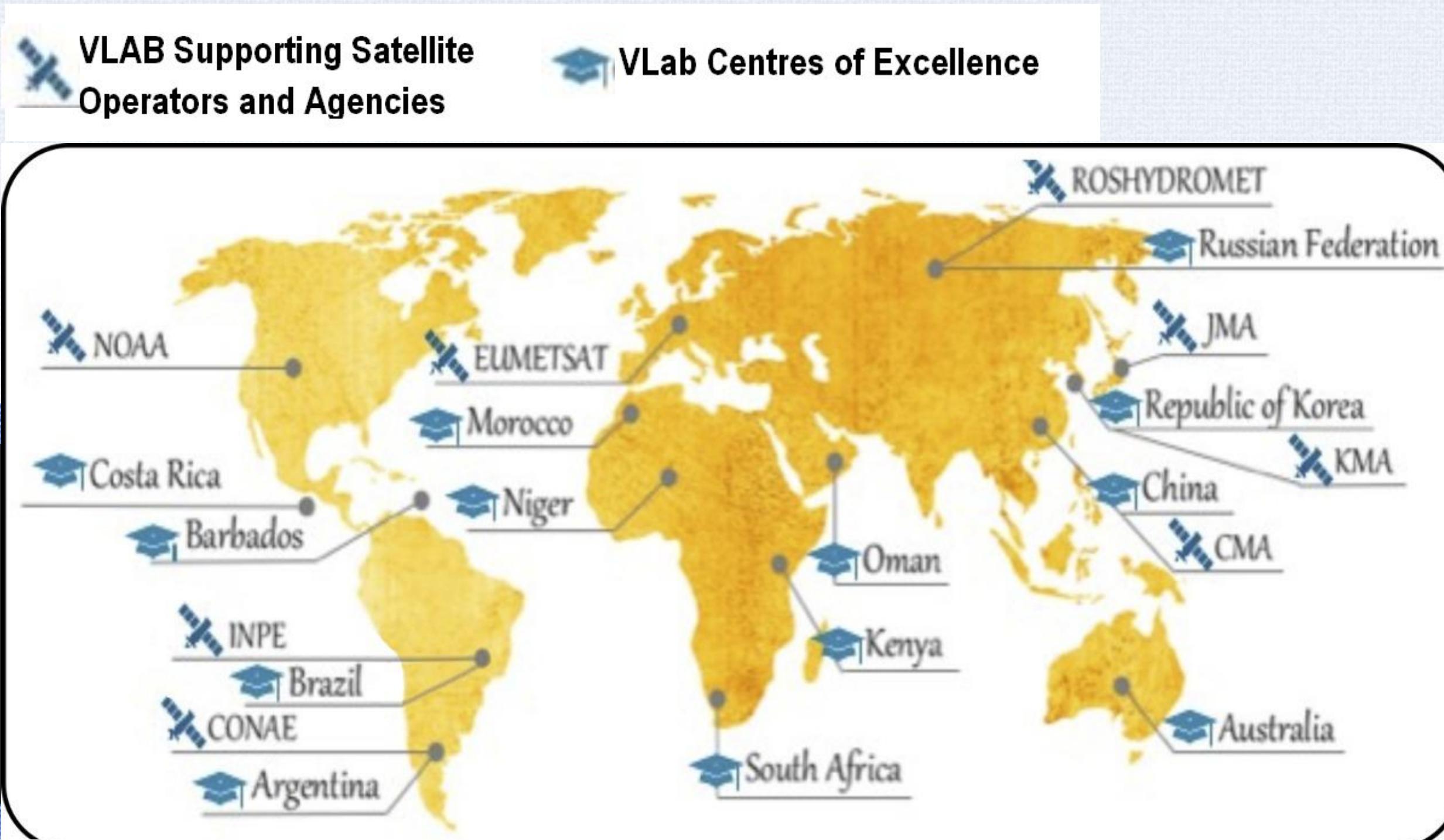
Train the Trainer Workshop prior to AMS Collective Madison Meeting  
/ Joint 2022 NOAA Satellite Conference  
6 August 2022      Madison, Wisconsin



# What is the WMO VLab?

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

A worldwide collaborative  
network connecting  
13 Training Centres of  
Excellence (CoEs)  
&  
8 Satellite Operators





# WMO REGIONAL TRAINING CENTRES

## Associated with the WMO Education and Training Program



43 RTCs



# WMO and other Trainer Resources for WMO Members to Use to Ensure Satellite Usage

## Education and Training Programme (ETRP)

<https://community.wmo.int/activity-areas/etrp>



<https://public.wmo.int/en/resources/training/wmolearn>

Trainer Resources Portal

Compendium of WMO Competency Frameworks

A Compendium of Topics to Support Management Development in National Meteorological and Hydrological Services



<https://www.wmo-sat.info/oscar/>

# Community for the Advancement of Learning in Meteorology and related disciplines (CALMet)

- The CALMet XIV Conference: “Bringing Together the Best of Online to Learning”
- Host: Servicio Meteorológico Nacional, Argentina (VLab CoE) **VIRTUAL!**
- 56 contributors from all Regional Associations of WMO.
- 260 educators, trainers and managers from universities, research institutions, and National Meteorological and Hydrological Service registered for the event.



# Explore Local Resources

## The Institute for Learning and Teaching

<https://tilt.colostate.edu/>

TILT at Colorado State University helps students, faculty, and staff use research-based learning and teaching methods to support academic achievement, equity, and post-graduation success for all CSU students.

### Quick Links for Instructors

[Teaching Resources for All Delivery Modes](#)

[Professional Development](#)

[Best Practices in Teaching Courses](#)

[Teaching Effectiveness Initiative](#)

[Student Testing and Virtual Proctoring](#)

[Best Practices for Promoting Academic Integrity in](#)

[Online Courses](#)

Template for  
Exercise

# WMO ETR Trainer Resources Portal

 Trainer Resources  
Portal (English)

 **Competency I**

 Competency II

 Competency III

 Competency IV

 Competency V

 Competency VI

 Home

 Calendar

## Trainer Resources Portal (English)

[Home](#) / [Courses](#) / [Trainer Resources Portal \(English\)](#) / **Competency I**



### Trainer Resources Portal

Welcome to the Trainer  
Resources Portal!

This portal has been developed to support the WMO Competency Requirements for Education and Training Providers. The portal contains all resources used in the WMO Online Course for Trainers, plus additional resources when available.

In most cases, the resources are being offered as open educational resources (OER), and can be used and adapted for other initiatives or for training by any institution or individual. Most are offered under Creative Commons License that allows for reuse as long as World Meteorological Organization (or the stated owner) is attributed as the source, and that any adaptations will also be shared freely under the same license.

 Trainer Resources  
Portal (English)

 **Competency I**

 Competency II

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## Templates

### Training Development Plan - TDP



Going through each step in the training cycle when designing training provides an opportunity to reflect on how each analysis and decision impacts the others, helping trainers to make well informed decisions from the very start of the training design process. Writing a Training Development Plan helps to keep a record of all the decisions taken during planning. This template is a useful framework also for communicating the goals of a training initiative to stakeholders.

### Training Development Plan - TDP for Coaches



This version of the TDP template includes guidelines for evaluating the quality of a Training Development Plan. It may be useful for instructors teaching a course or supervisors evaluating a plan.