



Ways to share training materials to enhance capacity building for both international and internal usages

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The 9th VLMG Meeting in 2018 (1)

What is VLab ?

- Virtual Laboratory for Training and Education in **Satellite Meteorology** (VLab)
 - Established by the WMO and the Coordination Group for Meteorological Satellites (CGMS)
 - Global network of specialized training centers (CoEs) and meteorological satellite operators
 - To improve the utilization of data and products from meteorological and environmental satellites

Discussed Topic - Training Resources

- Sharing of training resources produced by VLab members
 - What is available to use in training
 - What is available to reuse and adapt (including translation)
- Accessing VLab training resources
 - **Where** are these training resources available from?
 - Is the visibility good enough?
 - Do members have issue with **storage and making stored resources accessible?**
 - The training resources **Library**

The 9th VLMG meeting at CIRA from 16th to 20th July in 2018

The 9th VLMG Meeting in 2018 (2)

Sharing Lists of Training Resources produced by VLab members in 2017

 **93 training resources** are produced and can be shared

- Ways : website, online course, youtube, e-mail
- Type: Video, Brochure, Slides, Online Modules, PPT
- Languages: English, Chinese, Portuguese, Spanish, French, Korean, Russian

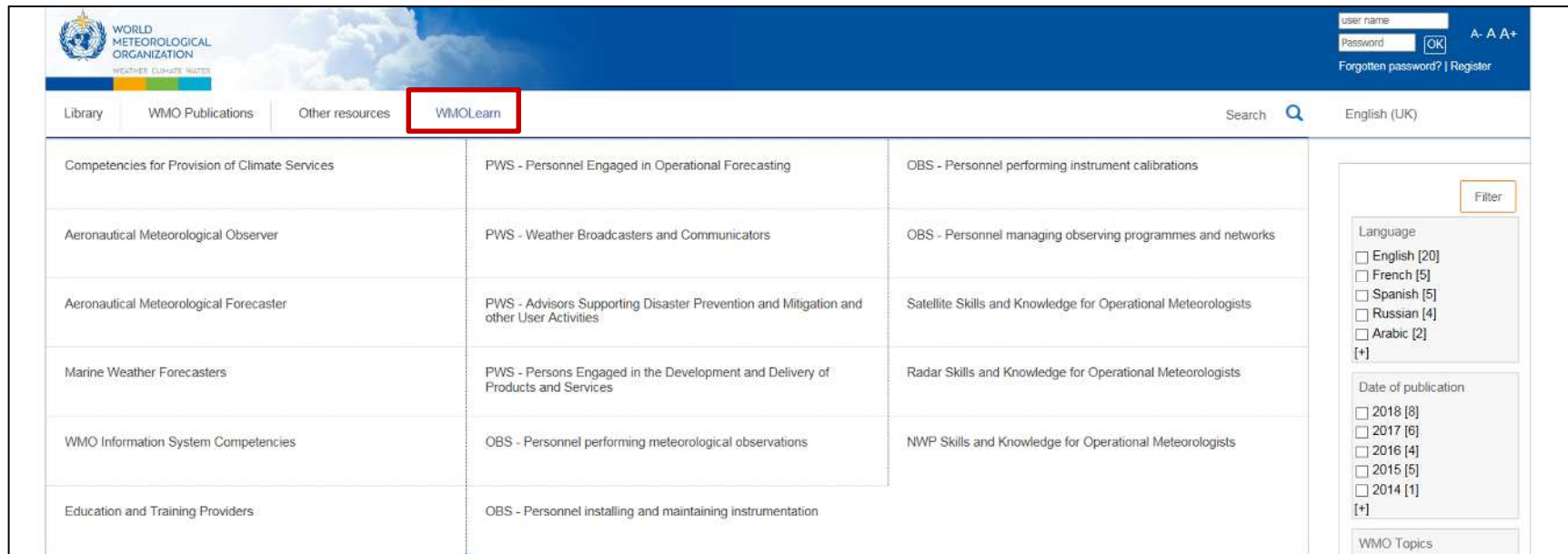
1	Title of Training Resource	Type of resource (book, video, n Language	Availability (c	Access (URL or email address for requests)	CoE			
2	FY-4A Observation capabilities and its potential applications	video English	can be shared	applycmatc@cma.gov.cn	Beijing			
3	Introduction of FY series meteorological satellites and retrieval product	video English	can be shared	applycmatc@cma.gov.cn	Beijing			
4	Applic	38 La marejada ciclónica y los datums; L'onde de tempête et les référentiels altim	online module	Spanish, French	can be shared	https://www.meted.ucar.edu/training_module.php?id=1294	NOAA	
5	Recog	39 La prévision d'onde de tempête issue de cyclones tropicaux	online module	French	can be shared	https://www.meted.ucar.edu/training_module.php?id=1333	NOAA	
6	Trends	40 La convection sévère : les systèmes convectifs de mésoéchelle	online module	French	can be shared	https://www.meted.ucar.edu/training_module.php?id=1290	NOAA	
7	le	41 Comprendre le rôle des PNT déterministes par rapport à celui des PNT	online module	French	can be shared	https://www.meted.ucar.edu/training_module.php?id=1057	NOAA	
8	GOES-	42 Identification des caractéristiques satellitaires : La cyclogenèse	online module	French	can be shared	https://www.meted.ucar.edu/training_module.php?id=1285	NOAA	
9	GNC-A	43 La mise à l'échelle inférieure des données de PNT	online module	French	can be shared	https://www.meted.ucar.edu/training_module.php?id=1284	NOAA	
10	WMO/	44 Overview of Himawari-8 and its Application for RGB Products (*1)	Power Point slides	English	can be shared	http://aomsuc8.ntsomz.ru/wp-content/uploads/2017/10/1-Yusuke-loka.-Overview	JMA	
11	FDTD	45 Practical Training Room: RGB Products Using SATAID Software (*1)	Power Point slides	English	can be shared	http://aomsuc8.ntsomz.ru/wp-content/uploads/2017/10/3-practical-training-on-	JMA	
12	Advec	46 FY-4A Observation capabilities and its potential applications	video	English	can be shared	applycmatc@cma.gov.cn	CMA	
13	Basic S	47 Introduction of FY series meteorological satellites and retrieval product	video	English	can be shared	applycmatc@cma.gov.cn	CMA	
14	GOES-	48 Application of Meteorological Satellite Products (10th)	video	English	can be shared	applycmatc@cma.gov.cn	CMA	
15	GOES-f	49 Recognition and interpretation of Satellite Cloud Pictures	brochure	Chinese	can be shared	applycmatc@cma.gov.cn	CMA	
16	GOES-f	50 Transition from GOES 13 to GOES-R/16	moodle course- pdf and video	Spanish	can be shared	https://tallerqoes16.smn.gob.ar/	Argentina	
17	Trainin	51 RGB Compositions	moodle course pdf and video	Spanish	can be shared	https://tallerqoes16.smn.gob.ar/	Argentina	
18	Advanc	52 Introduction to GLM sensor and its application in short term forecast	moodle course pdf and video	Spanish	can be shared	https://tallerqoes16.smn.gob.ar/	Argentina	
19	Using	53 Material for GOES 16 Workshop	webpage	Spanish	can be shared	https://tallerqoes16.smn.gob.ar/	Argentina	
20	COSMI	54 Basic Satellite Imagery Interpretation	Lesson online	En	can be shared	https://www.meted.ucar.edu/training_module.php?id=1316	EUMETSAT	
21	COMET	55 Rapid Scan Applications and Benefits	Lesson online	En	can be shared	https://www.meted.ucar.edu/training_module.php?id=1322	EUMETSAT	
22	GOES-f	56 Case stu	75 Introduction of new generation Geostationary meteorological satellite:	video & slides	Chinese	institutional use only		Beijing
23	Fundar	57 RGBs in	76 Series of PIE(Pixel Information Expert) Product and Application	video & slides	Chinese	institutional use only		Beijing
24	Olas er	58 Copernic	77 Training Access and Use of JPSS and GOES-R Imagery for Environmental	slides	English/Portuguese	institutional use	natalia.rudorff@inpe.br	Brazil
25	Fundar	59 RGB quic	78 Storm Nowcasting using SOS-Rain app	slides	Portuguese	institutional use	natalia.rudorff@inpe.br	Brazil
26	Gula de	60 Regional	79 Training on GOES-16 for Operational Satellite Meteorology	slides	Portuguese	institutional use	natalia.rudorff@inpe.br	Brazil
27	Meteor	61 Caso de	80 Early Warning of Meteorological Disasters	Slide series	English	Institutional use only	rtc@mist.edu.cn	Nanjing
28	Teoría	62 An easy-	81 Meteorological Forecasts	Slide series	English	Institutional use only	rtc@mist.edu.cn	Nanjing
29	SatFC-Q	63 An easy-	82 Climate Change and Climate Information Service	Slide series	English	Institutional use only	rtc@mist.edu.cn	Nanjing
30	SatFC-Q	64 An easy-	83 Agrometeorology	Slide series	English	Institutional use only	rtc@mist.edu.cn	Nanjing
31	SatFC-Q	65 An easy-	84 Capacity Building of Urban Search and Rescue Teams	Slide series	English	Institutional use only	rtc@mist.edu.cn	Nanjing
32	Modela	66 An easy-	85 Application of Astronautics and Satellites	Slide series	English	Institutional use only	rtc@mist.edu.cn	Nanjing
33	ASMET	67 ASMET	86 Numerical Weather Forecast	Slide series	English	Institutional use only	rtc@mist.edu.cn	Nanjing
34	Identifi	68 METE340	87 Tropical Cyclone	Slide series	English	Institutional use only	rtc@mist.edu.cn	Nanjing
35	Incertid	69 Use of sa	88 Synergized Standard Operating Procedures for Coastal Multi-Hazards Early Warning System (S	Slide series	English	Institutional use only	rtc@mist.edu.cn	Nanjing
36	Introdu	70 Interpret	89 Online Training Series of Satellite Remote Sensing Application	video & slides	Chinese	institutional use only		CMA
37	Elemen	71 Satellite	90 FY series meteorological satellites and application	video	Chinese	institutional use only		CMA
		72 Online Tr	91 Land Surface Temperature Retrieval with Satellite Remote Sensing	video	Chinese	institutional use only		CMA
		73 FY series	92 Introduction of new generation Geostationary meteorological satellite:	video & slides	Chinese	institutional use only		CMA
		74 Land Sur	93 Series of PIE(Pixel Information Expert) Product and Application	video & slides	Chinese	institutional use only		CMA
		94 "Workbook for forecasters"	moodle- activities	Spanish	will be shared (r	http://capacitacion.smn.gov.ar/course/view.php?id=154	Argentina	

How to increase sharing of training materials(1)

1. Make your training materials (and training events) more visible

Use the **WMOLearn Library**

- A resource made available by the WMO Global Campus Initiative.
- It provides a searchable collection of educational materials, including WMO publications and education and training materials from various contributing organisations and individuals.
- This is not a physical repository, but a searchable portal to find training materials.



The screenshot displays the WMOLearn Library website. The header includes the WMO logo and navigation tabs: Library, WMO Publications, Other resources, and WMOLearn (highlighted with a red box). A search bar and language selector (English (UK)) are also present. The main content area is a grid of training materials:

Competencies for Provision of Climate Services	PWS - Personnel Engaged in Operational Forecasting	OBS - Personnel performing instrument calibrations
Aeronautical Meteorological Observer	PWS - Weather Broadcasters and Communicators	OBS - Personnel managing observing programmes and networks
Aeronautical Meteorological Forecaster	PWS - Advisors Supporting Disaster Prevention and Mitigation and other User Activities	Satellite Skills and Knowledge for Operational Meteorologists
Marine Weather Forecasters	PWS - Persons Engaged in the Development and Delivery of Products and Services	Radar Skills and Knowledge for Operational Meteorologists
WMO Information System Competencies	OBS - Personnel performing meteorological observations	NWP Skills and Knowledge for Operational Meteorologists
Education and Training Providers	OBS - Personnel installing and maintaining instrumentation	

On the right side, there are filter options:

- Language: English [20], French [5], Spanish [5], Russian [4], Arabic [2], [+]
- Date of publication: 2018 [8], 2017 [6], 2016 [4], 2015 [5], 2014 [1], [+]

https://library.wmo.int/index.php?lvl=etagere_see&id=157#.W6PdiC-ZNTY

How to increase sharing of training materials(1)

Use the VLab Online Calendar of Events

- The Calendar lists training events only (it does not link to training materials), related to the use of data and products from meteorological and environmental satellites.
- A good way to discover what training is being offered and who are organising them.
- The events advertised in the calendar are organised by VLab Members and many training partners.
- The data submitted to the VLab Online Calendar is used to feed various calendar views in agencies and projects' websites such as Eumetcal, EUMETSAT Training Portal, WMO Learn Calendar

<https://www.wmo-sat.info/vlab/calendar-of-events/>

Calendar of Events

This online Calendar of Events shows the upcoming training events, workshops, conferences and online sessions organised by VLab Members and partner Programmes. The Calendar is continuously updated, so make sure to revisit this page frequently.

Date	Title	City	Initiative	CoE Involv.	Type	Language	Attendance	Contact	Link
24/09/2018 - 28/09/2018	Autumn School on the Use of Satellite Data on Nowcasting High Impact Weather	Thessaloniki			Classroom course		By invitation only	EUMETSAT Training Team	
27/09/2018 14:00 - 15:00 UTC	CALMet Online Design Workshop		CALMet		Online workshop	English	Open	Tsvetomir Ross-Lazarov	
28/09/2018 14:00 - 15:00 UTC	Advanced Webinar: Change Detection for Land Cover Mapping		NASA-ARSET		Online course	English	Open	Brock Bleivins	
01/10/2018 - 01/12/2018	Synoptic and Mesoscale Analysis of Satellite Images 2018		EUMeTrain	Eumetcal, EUMETSAT	Blended course	English	Open	EUMeTrain TSO	
07/10/2018 - 12/10/2018	XXIV Ocean Optics Conference	Dubrovnik	Copernicus	EUMETSAT	Conference	English	Open	Jenny Ramarui	
22/10/2018 09:31 - 25/10/2018 15:04 UTC	The use of Satellite Products for Agriculture	Darmstadt	WMO	EUMETSAT	Classroom course	English	By invitation only	José Camacho	

SYNOPTIC AND MESOSCALE ANALYSIS OF SATELLITE IMAGES 2018
DWD, ZAMG, KNMI, DHMZ
COURSE APPLICATION FORM

Details for filling this application:

This application form is an indication that you or a member of your staff will participate in the course "Synoptic and Mesoscale Analysis of Satellite Images 2018".

Course dates:
Distance phase: 01 October - 11 November 2018 (2 sessions, 8 asynchronous parts, 2 + 24 hours)
Classroom phase: 19 November - 23 November 2018 (4.5 days, 40 hours)
Classroom session in DWD Training and Conference Centre, Langen, Germany

Application deadline:
10 August 2018 (sharp)

Target Audience:
Forecasters at meteorological and hydrological services

In this course students are divided into two different levels:

- FULL student (attends BOTH distance and classroom phase)
- ONLINE student (attends the distance phase ONLY)

The following rule is observed: a maximum of TWO online students from each applying organization are allowed, under the mandatory condition that at least one full student is accepted from the same organization.

Minimum amount of full students required: 12
Maximum amount of full students allowed: 20
Maximum amount of online students allowed: 30
Priority will be given to participants from Eumetcal member organizations.

Please note that only FULL students are required the course tuition fee of 500 € to be collected by the DWD (for ONLINE students no fee is required). By entering your details and submitting this form you or a member of your staff agree to

How to increase sharing of training materials(1)

📅 Use the **WMO Learn Events Calendar**

- This Calendar has a **broader scope**, advertising training events in meteorology, climatology, hydrology and other related sciences.
- **All the training events** that are submitted to the **VLab Online Calendar** also appear in the **WMO Learn Events Calendar**, increasing the visibility of the events offered in satellite training

The image shows a screenshot of the WMO Learn Events Calendar website. The main page features the WMO Learn logo and the URL <http://learningevents.wmo.int/#/>. It includes navigation links for Home, Request To Become A Contributor, and Contributor Login. The main heading is "WMO Learn Events Calendar" with the subtitle "A WMO Global Campus Initiative" and the text "Learn more by visiting the 'WMO Learn Portal'". Below this, there are two buttons: "EVENTS CALENDAR" (Listing of training events) and "USER GUIDE" (Guidance on how to list and find events), both with "More" buttons. A red box highlights the "EVENTS CALENDAR" button, and a blue arrow points from it to the "USER GUIDE" button. The bottom of the page contains contact information for the Caribbean Institute for Meteorology and Hydrology, including the address "P.O. Box 130, Bridgetown, Barbados", email "learningevents@wmo.int", and copyright notice "Copyright © 2018 World Meteorological Organization".

An inset window shows a detailed view of an event: "SYNOPTIC AND MESOSCALE ANALYSIS OF SATELLITE IMAGES 2018". The event details include:
Dates: 01-Oct-2018 to 01-Dec-2018 | Event Format: Blended course | Language: English
By Invitation: Open
URL: <https://www.wmo.int/learningevents/Participation.aspx?SID=FE15412W&SC=2b7985ad514d41a13049-a34448a1a0564y-57742056>
Description: The course will be offered in a blended format, consisting of an online phase followed by a classroom phase. The location of the classroom phase as well as additional information about the course content and application process will be available soon. Please note that the event dates are provisional.
Qualification/Competency Framework: Satellite Skills and Knowledge
WMO Region(s) of Availability: VI Europe
Target Audience: Weather forecasters working in Africa
Organiser: EUMetTran
Contact Name: EUMetTran TSC
Contact Email: ts@eumettran.org

Below the event details, there is a list of "Upcoming Events":
- POST GRADUATE CERTIFICATE IN WEATHER FORECASTING (Dates: 05-Feb-2018 to 30-Nov-2018 | Event Format: Classroom course | City: Pretoria | Country: SOUTH AFRICA | Language: English | Host: RTC-Pretoria)
- NATIONAL CERTIFICATE: WEATHER OBSERVATIONS (Dates: 14-Feb-2018 to 29-Nov-2018 | Event Format: Classroom course | City: Pretoria | Country: SOUTH AFRICA | Language: English | Host: Regional Training Centre)
- FORECASTER'S TRAINING COURSE (Dates: 10-Sep-2018 to 09-Mar-2019 | Event Format: Blended course | City: Pune | Country: INDIA | Language: English | Host: Ministry of Earth Sciences Government of India)
- AUTUMN SCHOOL ON THE USE OF SATELLITE DATA ON NOWCASTING HIGH IMPACT WEATHER (Dates: 24-Sep-2018 to 28-Sep-2018 | Event Format: Classroom course | City: Thessaloniki | Country: GREECE | Language: English | Host: Aristotle University of Thessaloniki (AUTH))
- CALMET ONLINE DESIGN WORKSHOP (Dates: 27-Sep-2018 to 27-Sep-2018 | Event Format: Online workshop | Language: English | Host: CALMet)
- ADVANCED WEBINAR: CHANGE DETECTION FOR LAND COVER MAPPING (Dates: 28-Sep-2018 to 06-Oct-2018 | Event Format: Online course | Country: ONLINE | Language: English | Host: NASA Applied Remote Sensing Training Program (ARSET))
- CONCEPTUAL MODELS APPLICATION COURSE-SALLJ AND MCS (Dates: 01-Oct-2018 to 12-Oct-2018 | Event Format: Online course | Country: ARGENTINA | Language: Spanish | Host: RTC Argentina -Servicio Meteorológico Nacional (SMN))

How to increase sharing of training materials(2)

2. Make your training materials easily accessible from your website

📖 Searchable libraries can only link to the material if the original files are available from your website.

At the WMO Learn Library

WORLD METEOROLOGICAL ORGANIZATION
WEATHER CLIMATE WATER

Library WMO Publications Other resources WMO Learn

Search by regions and countries

No favourite

Quick search Advanced search Serials

WMO Publications only WMO No. WMO TD No.

Topics WMO Programmes Regions and countries

- Antarctica
- Arctic
- Miscellaneous
 - Adriatic Sea - Alps, the - Andes - ...
- Other
 - Arab countries - ASEAN countries - Cayman Islands - ...
- Region I - Africa
 - Algeria - Angola - Benin - ...
- Region II - Asia
 - Afghanistan - Bahrain - Bangladesh - ...
- Region III - South America
 - Argentina - Bolivia, Plurinacional State of - Brazil - ...
- Region IV - North America, Central America and the Caribbean
 - Antigua and Barbuda - Bahamas - Barbados - ...
- Region V - South-West Pacific
 - Australia - Brunei Darussalam - Cook Islands - ...
- Region VI - Europe
 - Albania - Armenia - Austria - ...
- Territories
 - British Caribbean Territories - Curaçao and St Maarten - French Polynesia - ...

Regions and countries > Region V - South-West Pacific > Australia

Add the result to your favourites Refine your search

Melbourne VLab Centre of Excellence Regional Focus Group Discussion Recordings
Australian Government Bureau of Meteorology - Commonwealth of Australia, Bureau of Meteorology

English

link

Australian VLab CoE website

Australian Government
Bureau of Meteorology

Melbourne VLab Centre Of Excellence

Home Satellite Products Events Training Blog News Archive Links Contact Us

Home > Archive > Regional Focus Group Recordings

Regional Focus Group Discussion Recordings

Recordings of Australian VLab Centre of Excellence Regional Focus Group (RFG) meetings are given below. Locations with limited internet speed may wish to download the file before playing it (right mouse click on the link, then "Save Target As").

Recordings (file size)	Content of the Regional Focus Group meetings
	The next Australian VLab Centre of Excellence Regional Focus Group meeting is scheduled for early October 2018 More details will be provided closer to the time.
	18th September 2018 Regional Focus Group meeting Topics of discussion included: Effective use of online satellite meteorology recordings and other online resources to facilitate satellite meteorology training (facilitator Mr. Bodo Zeschke, BMTC) 24 minutes duration (27Mb .wmv file) (56Mb .mp4 file) Three short case studies utilising Himawari-8 RGB products as encountered during our BMTC Forecast Simulation (facilitator Mr. Bodo Zeschke, BMTC) <ul style="list-style-type: none">Case Study 1: Detecting tides using Himawari-8 satellite data, Kimberley region 8 minutes duration (13Mb .wmv file) (19Mb .mp4 file)Case Study 2: Lee cloudiness over small flat islands, western Kiribati 4 minutes duration (39Mb .wmv file) (38Mb .mp4 file)Case Study 3: Mesoscale Convective Complex and Vortex, South China Sea 12 minutes duration (63Mb .wmv file) (65Mb .mp4 file)

Quick Links

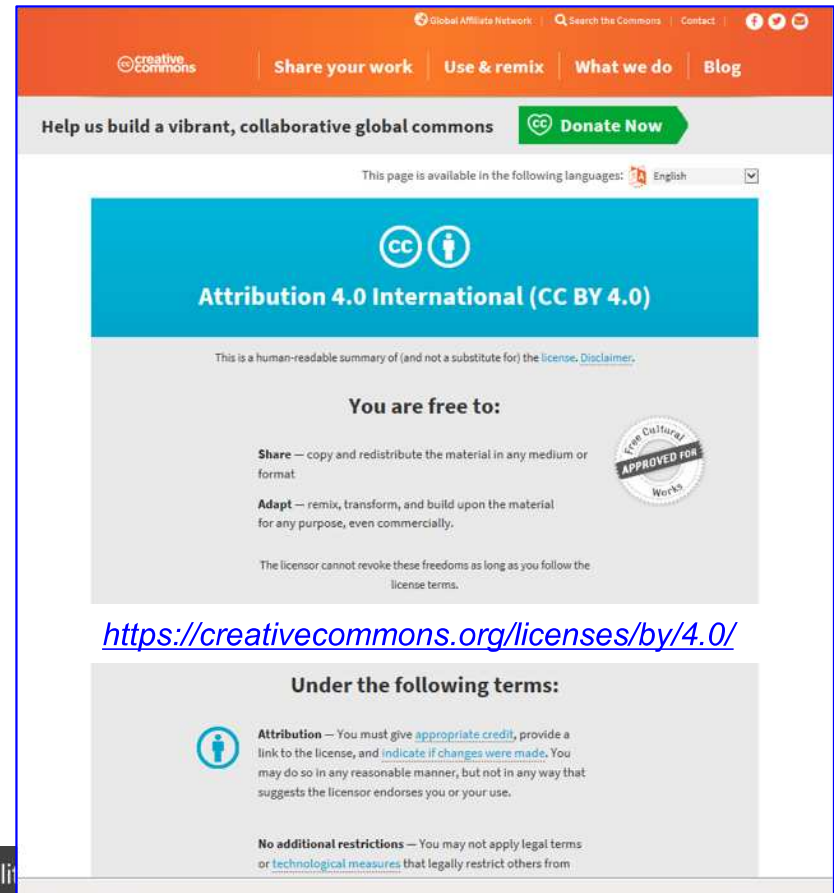
- Upcoming Events **UPDATED**
- WMO VLab Homepage
- Melbourne CoE ISOBAR login
- Join a Webinar
- Contact Us

<http://www.virtuallab.bom.gov.au/archive/regional-focus-group-recordings/>

Ways to increase reusing and adaptation of training materials (1)

1. Make sure the copyright of the training resource is clear and visible

- ❏ Copyright is **the right to control the use of one's own work**.
- ❏ Creators (or owners of materials) can give, sell or license this right to use their training materials.
- ❏ It is **illegal** for others to use the original material **without the consent of the owner**.
- ❏ Consent can be granted without communication, if an attached license states the level of consent granted.
- ❏ The VLab and training partners took the decision to make the following joint recommendation: *“VLMG and Partners recommend that satellite training providers use **Creative Common (CC) BY attribution** to provide clear identification of copyrights license. This is an effort to improve sharing of resources and also as part of adapting to the standards for submission of resources to WMO Learn Library”*



Ways to increase reusing and adaptation of training materials(2)

2. When creating training material, follow some general practices that will make future adaptation easier

- This can help you to update the training material in the future and it also helps others who would like to adapt the content, for example: adapting to include some local case studies.

Writing for future adaptation and translation

- Avoid the passive voice. Write in an active style.
- Write in short, clear sentences, avoiding ambiguity.
- Adopt a gender-neutral style.
- Consider international readers who may not understand regionalisms, colloquialisms, and idioms.
- Avoid non-standard terminology and abbreviations. If you know more standard terms exist, use them.
- Humor can be effective in any language, but word plays based on spelling and references (such as word plays based on spelling and references) can be obscure to readers from other cultures.
- Consider cultural differences in social norms, centered on scenarios and dialogues.
- When using acronyms and abbreviations, define them on first mention, and use them consistently thereafter.
- Use standard international units. The SI system is the most widely used system of measurement. For copy written in the US, use SI units with parenthetical conversions to US units.

Delivery format

- Narration can be a useful presentation method, but text-based materials can be just as effective, and easier to work with. If using narration, provide a text-based option.
- Page and graphics layouts may vary across different language conventions. Allow for flexibility, especially for navigation.
- Create or adapt images with layered text. Save the original source files.
- Allow for easy substitution of graphics and in other data formats).
- Consider the end-user of mobile devices.
- Use generic, intuitive ways to disseminate data.

Localization

- Implement Unicode support (UTF-8) to support virtually any language.
- When delivering content on web, ensure the interface will allow for text expansion, such as boxes, error messages, etc.
- Avoid concatenating strings in software, as this is not checked in the running software and can lead to errors.
- Date and time formats vary from country to country. Using abbreviated forms can avoid confusion, as 12 June or 6 December: 6 Jun

Instructional considerations for adapting existing learning materials

- Can you just replace the cases and examples, or does the conceptual content also require revision?
- Separate conceptual content and cases to the degree possible, without violating principles of good instruction: The teaching of concepts and providing authentic practice should be well integrated.
- Offer a variety of exercise and content formats to increased utility for a variety of learning styles.
- Offer multiple examples to cover a variety of geographic conditions/climatological regimes.
- In some circumstances, it may be useful to fabricate a fictional case to accommodate alternative conditions.
- Be hemispheric-neutral whenever possible. Clearly state orientations or use examples from both hemispheres. Consider using universal terms, such as "poleward", "equator-ward", "austral", "boreal", etc. State clearly the geographic location of case studies and other examples.
- Remember that the data available drives the forecast processes. Build in flexibility to swap examples, and consider that the availability of some data sources may be limited.
- The available technologies also change the observation, forecast and forecast dissemination processes. Consider the cases of both technology-rich and technology-limited situations.

https://courses.comet.ucar.edu/pluginfile.php/27090/mod_resource/content/7/Writing%20of%20future%20adaptation%20and%20translation.pdf

Writing materials for translation

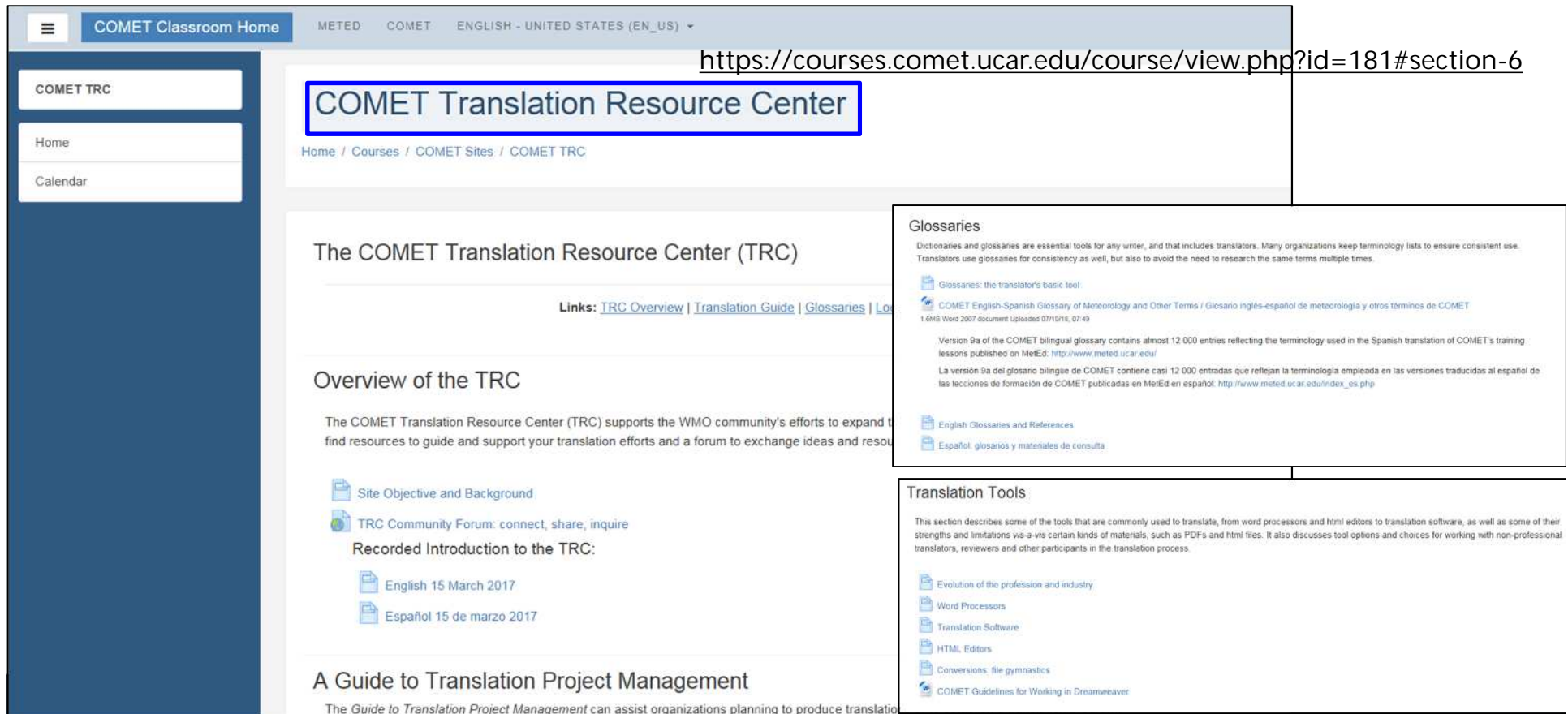
ties for adaptation (it may be too costly to translate

Ways to increase reusing and adaptation of training materials(3)

3. Consider that translating a good quality training material may be faster than creating new material.

COMET Translation Resource Centre

- Supports the effort to increase the availability of training materials through translation
- Contains resources to guide the translation efforts and a forum to exchange ideas and resources



The screenshot displays the COMET Translation Resource Center (TRC) website. The URL <https://courses.comet.ucar.edu/course/view.php?id=181#section-6> is visible in the browser address bar. The page features a navigation menu on the left with 'COMET TRC', 'Home', and 'Calendar'. The main content area is titled 'COMET Translation Resource Center' and includes a breadcrumb trail: 'Home / Courses / COMET Sites / COMET TRC'. The page content is organized into several sections:

- The COMET Translation Resource Center (TRC)**: A header section with links to 'TRC Overview', 'Translation Guide', 'Glossaries', and 'Links'.
- Overview of the TRC**: A section describing the TRC's mission to support the WMO community's efforts to expand training resources and provide a forum for exchanging ideas.
- Site Objective and Background**: A section providing context for the TRC.
- TRC Community Forum: connect, share, inquire**: A section for community interaction.
- Recorded Introduction to the TRC:** A section with two recorded introductions: 'English 15 March 2017' and 'Español 15 de marzo 2017'.
- A Guide to Translation Project Management**: A section providing guidance on translation project management.

On the right side of the page, there are two sidebars:

- Glossaries**: A section titled 'Glossaries' explaining their importance for consistency. It lists several glossaries, including 'COMET English-Spanish Glossary of Meteorology and Other Terms' and 'English Glossaries and References'.
- Translation Tools**: A section titled 'Translation Tools' describing various tools used in translation, such as 'Word Processors', 'Translation Software', and 'HTML Editors'.



Thank you!

