



# Western Regional Discussion

# What training activities are you involved in your region?

Forecasting  
Training

Webinars  
Informal activities

Training at  
University

IBF  
Communication  
Observations

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# How are training needs assessed and identified?

Surveys  
Q&A  
Evaluation forms

Staying in touch with  
past participants

Student feedback

discussion with  
forecasters

using emerging  
technologies

Training needs are sometimes  
assumed not to have changed  
when in fact they have!

# Is it accessible to identify and invite specialists who can meet these needs and who also have the appropriate pedagogical background?

It is possible, you need a good Network and Even these people need to be available. Also a financial question...

We , the Training Division, are responsible for finding the right persons (subject mater experts)

We ask for help from colleagues at other space agencies, also CEOS & GEO

The members of the organization can help on find those specialist.

The Carpentries offer short and practical training on how to teach.

Only a few people are skilled as both SME and (modern) pedagogy

we know suitable experts (from the universities), but not their agenda or they will to make classes (very low income)

EUMETCAL is a well known platform for international cooperation 😊

The pedagogical background is not the most frequent...

Met Services should take training of junior forecasters more seriously, using modern approaches, Good trainers should be respected and paid more.

## What difficulties do you face in delivery of your training activities?

participant recruitment  
overlaped activities meeting the purpose well  
founding different expectations staff bandwidth  
platform restrictions accessibility  
resource constraints advertising not propper students  
poor reliable connections keeping things updated time commitment  
resources in spanish  
support from management

## Have emerging technologies, such as AI, virtual environments, or adaptive learning tools, been incorporated into training?

they must be included, but how?

Bots 🤖?

No AI yet, I'm not sure where to start

Beyond e-learning, no, but very interested in how to use it more.

Limited. There are often learning curves and caveats to use the new technologies.

I have been suffering the AI as teacher :-) Still don't know how to make my students use it properly. They tend to use as a short cut and not as a tool to support their learning.

eLearning can help, if trainers are not available

Not yet, but learning and experimenting

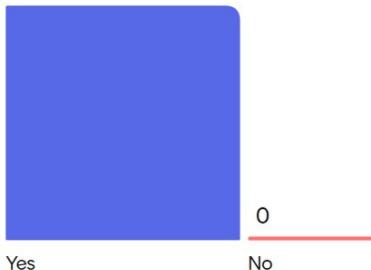
We use AI a lot for traduction purposes. We use the software Gather Town to simulate stimulative virtual environments.

I want to incorporate them, but learning, teaching, and implementing them takes a lot of time.

we proposed to include the emerging technologies, as a tool into the modelling forecasts and satellite monitoring class content, like practical investigation report for students and invited speakers

## Communities of practice

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How would you view the creation of a “Regional Community of Practice” — a virtual space to generate or centralize information related to training?

highly valuable  
excellent idea for all  
😊 great resource  
would like to join now