

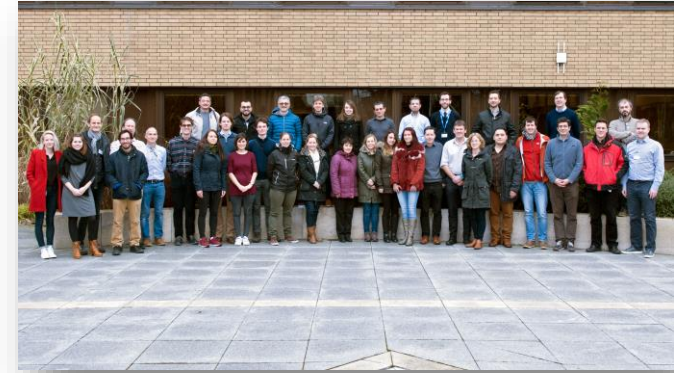
Breaking the barriers: eLearning @ECMWF

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Why eLearning @ECMWF?

- Number of registrations for courses increased
- Increase the reach of ECMWF training
- Increase the amount of practical activities
- Support Member and Co-operating States in their training activities
- Respond to the need to decrease costs linked to travelling to ECMWF
- Support WMO in their capacity building activities (Severe Weather Forecast Demonstration Projects)

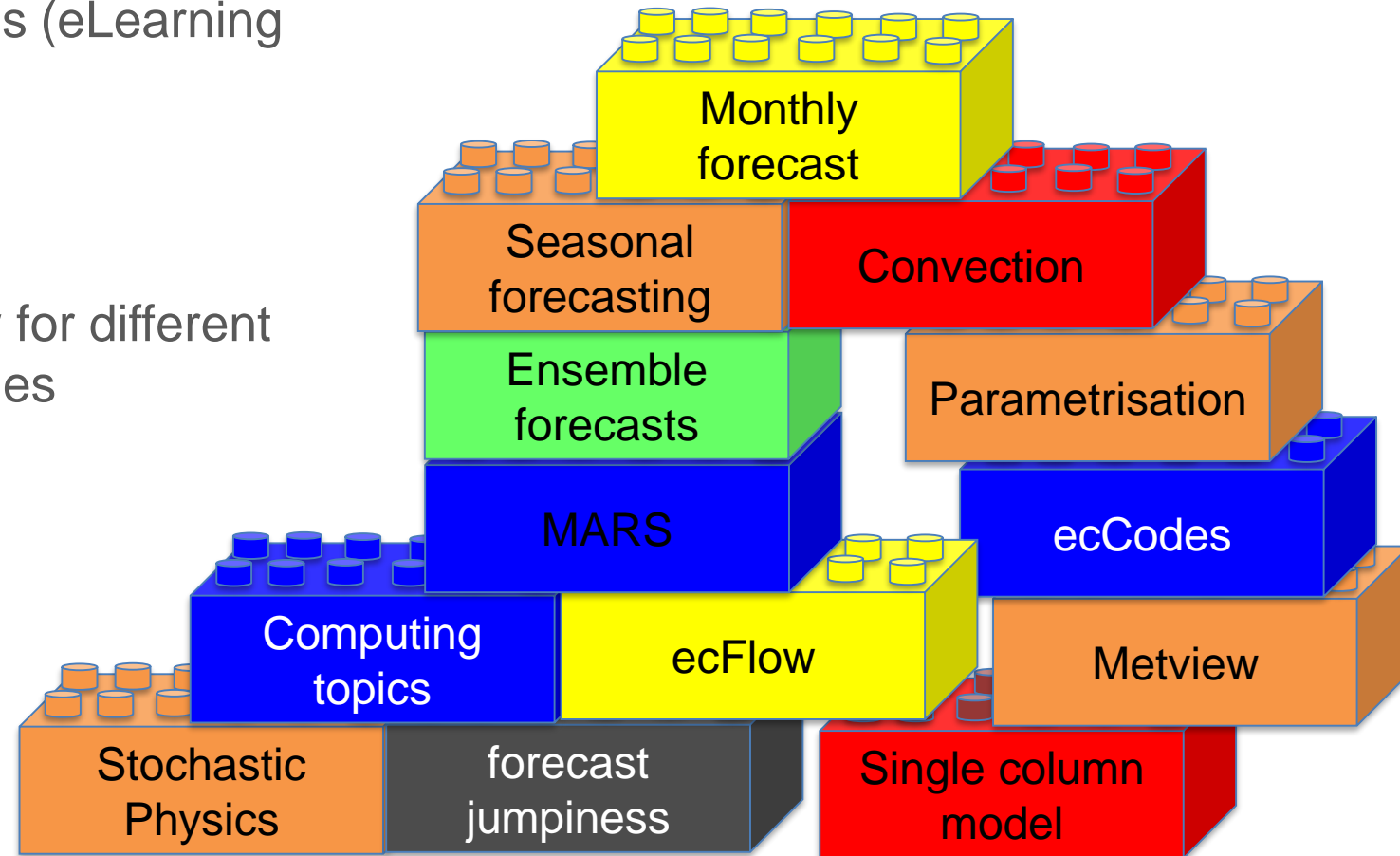


eLearning @ECMWF

Self-contained modules to be used either stand-alone or as part of blended courses (eLearning combined with face to face)

Freely available

Learner-tailored approach to allow for different knowledge levels and learning styles



Visit our free online training resources!

<https://www.ecmwf.int/en/learning/education-material/elearning-online-resources>

Software and Computing services

A collections of online resources dedicated to ECMWF software, applications and computing services

ecCodes: tools
1 hour

MARS - E archive
1 hour

ets/elearnino/batch/batch1/story_html5.html

CODES **CODES** **CODES**

eLearning - online resources

Numerical Weather Prediction and ECMWF products
A collection of online resources to learn about the underpinning theory to Numerical Weather Prediction and the use and interpretation of ECMWF products

An introduction to single-column modelling
20 minutes

Ensemble Forecasting: sources of forecast uncertainty (introduction)
1 hour

Forecast Jumpiness: an introduction
1 hour

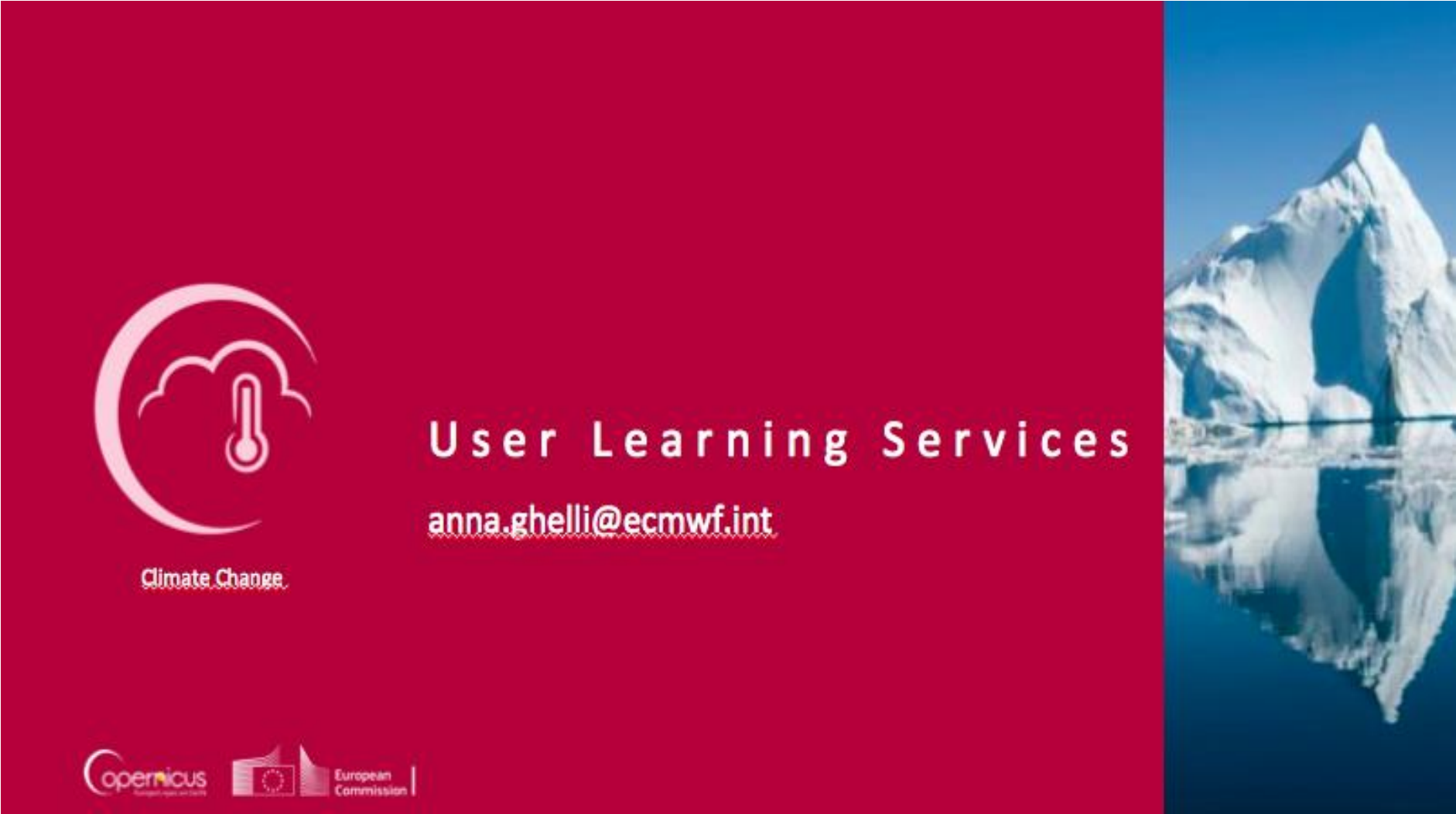
Introduction to the parametrization of sub-grid processes

Parametrization of diabatic processes

Parametrization of diabatic



Coming soon



User Learning Services
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Climate Change

Copernicus European Commission

Copernicus Climate Change Service

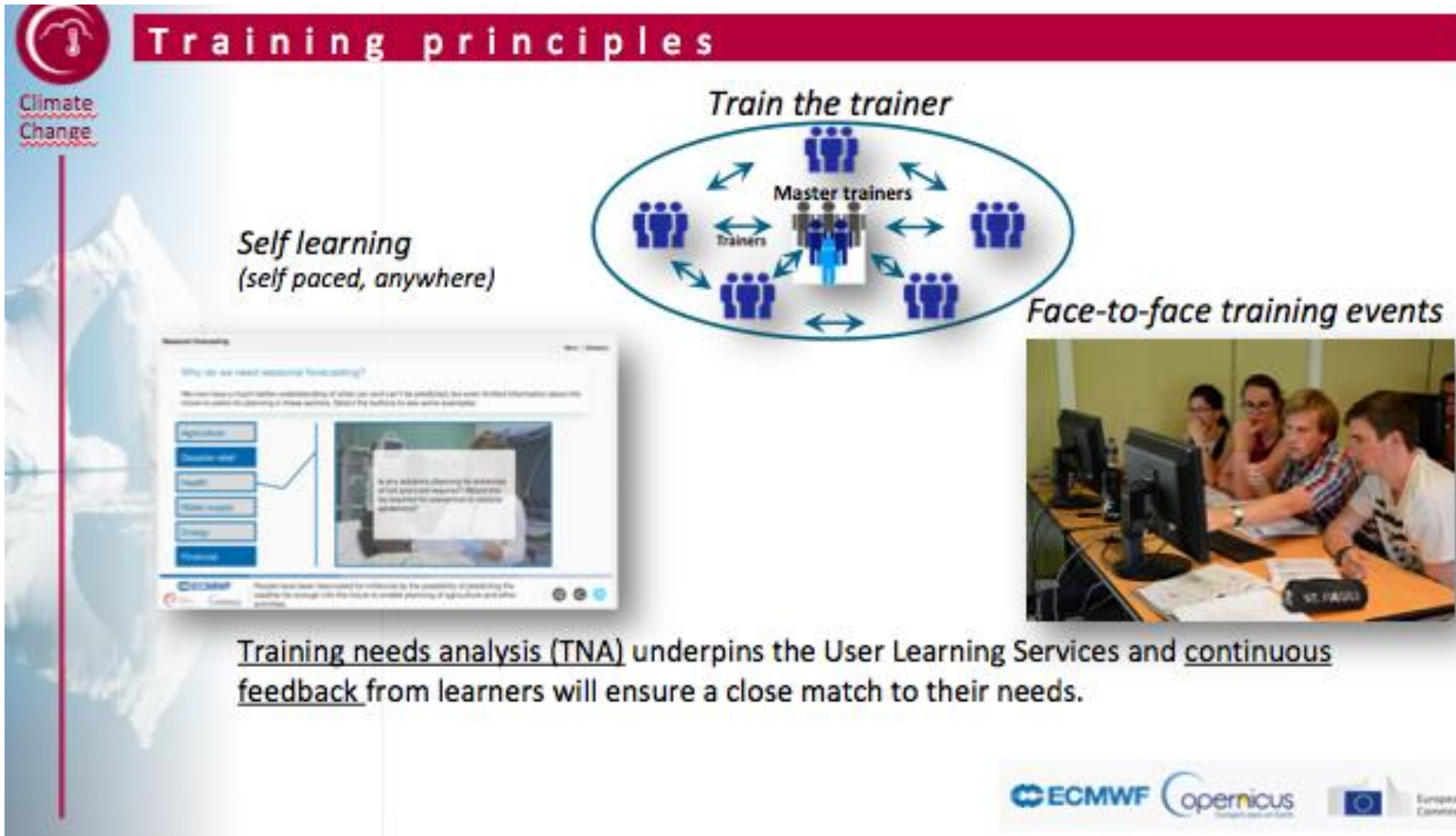


The screenshot shows the Copernicus Climate Data Store (CDS) website. At the top, there is a red banner with the text "Climate Data Store (CDS)". Below this, the Copernicus logo and "Climate Change Service" are visible. The main content area features a search bar with the text "Discover data and resources in our catalogue" and a search button. Below the search bar, there are three featured data products: "Access the CDS Climate Reanalysis (ERAS)", "Access Sea Ice data products", and "Access Greenhouse Gases data products".

The CDS contains **observations**, global and regional **climate reanalyses**, global and regional **climate projections** and **seasonal forecasts**

The CDS is designed as a **distributed system**, providing improved access to **existing datasets** through a **unified web interface**

Copernicus Climate Change Service



The diagram illustrates the training principles of the Copernicus Climate Change Service. It features a red header with the text "Training principles" and a "Climate Change" logo on the left. The central focus is a circular diagram titled "Train the trainer" showing "Master trainers" at the center, surrounded by "Trainers" and then "Learners" in an outer ring, all connected by bidirectional arrows. To the left of this diagram is the text "Self learning (self paced, anywhere)" and a screenshot of a "Research training" interface with a video player and a sidebar menu. To the right is the text "Face-to-face training events" and a photograph of a group of people in a classroom setting. At the bottom, a text box states: "Training needs analysis (TNA) underpins the User Learning Services and continuous feedback from learners will ensure a close match to their needs." Logos for ECMWF, Copernicus, and the European Commission are located at the bottom right of the slide.

Training principles

Self learning
(self paced, anywhere)

Train the trainer

Master trainers

Trainers

Face-to-face training events

Training needs analysis (TNA) underpins the User Learning Services and **continuous feedback** from learners will ensure a close match to their needs.

ECMWF Copernicus European Commission