WMO LC-LRFMME web portal for GPC data products

+

RCC-LRF RAVI website

(Hands-on session)

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MEDCOF training

Madrid – October 2015

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Functions

https://www.wmolc.org/contents.php?sm_id=1&tm_id=1&cdepth=2&upnum=2&ca_id=12&t1=2&s1=2

- Maintain a repository of documentation for the system configuration of all GPC systems
- **Collect hindcast and forecast data from GPCs**
- **Display GPCs forecasts in standard format**
- Promote research and experience in MME techniques and provide guidance and support on MME techniques to GPCs, RCCs and NMHSs
- Based on comparison among different models, provide feedback to GPCs about the models performance
- Blend GPCs forecasts based on standard MME techniques as an additional guidance to GPCs, NMCs, and RCCs, among other existing multi-model products
- **Provide dynamic web pages to satisfy requirements for regional display of forecast information (e.g. regions used by RCOFs)**
- **Redistribute digital hindcast/forecast data** for those GPC's that allow it
- Handle requests for the password for the website and data distribution; maintain a database recording the users who have requested access to data/products and the frequency of access
- Maintain an archive of the real-time GPC and MME forecasts

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Objectives of this session

- Maintain a repository of **documentation for the system configuration of all GPC systems**

- **Display GPCs forecasts in standard format**

- **Blend GPCs forecasts based on standard MME techniques** as an additional guidance to GPCs, NMCs, and RCCs, among other existing multi-model products

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Hands-on session

1. **What is the System Configuration of the Japanese model ?**

2. **Display GPCs forecasts : SST for NDJ 2015-2016, over the region "Africa", of all the models available (individual maps)**
   ➔ **Look at the forecasts !**

3. **Plot the "consistency maps" for DJF 2014-2015 (NB : accessible in the "individual models" menu)**

4. **Build an anomaly map of Z500, combination of Washington, Toulouse, Exeter and ECMWF, for NDJ 2015-2016, for a North-Atlantic + Mediteranean region**
   lat : 20°N – 75°N   lon : 70°W – 50°E

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Hands-on session - solution

1. **System Configuration of the Japanese model ?**
   https://www.wmolc.org/contents2.php?sm_id=1&tm_id=1&cdepth=3&upnum=6&ca_id=125&t1=4&s1=4&s2=

2. **SST for NDJ 2015-2016, over the region "Africa", all models**
   https://www.wmolc.org/modules/data/plot/plot.php?tm_id=1&cdepth=3&upnum=6&ca_id=83&s1=3&s2=3&t1=4#

3. **Consistency maps**
   https://www.wmolc.org/modules/data/plot/plot.php?tm_id=1&cdepth=3&upnum=6&ca_id=83&s1=3&s2=3&t1=4

4. **MME**
   https://www.wmolc.org/modules/data/plot/plot_ScmMME.php?tm_id=1&cdepth=3&upnum=6&ca_id=86&s1=3&s2=2&t1=4#

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Météo-France web site

Main objectives of this hands-on session:

- Forecasts

- Scores

- Climate monitoring products

- Climate Bulletins

http://elaboration.seasonal.meteo.fr/en
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ID : medcof-training
PWD : Madrid2015!

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Questions ?

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