

Report on RC LACE Data Manager Activity

for the period of 1st January– 30st September, 2012
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This report summarizes the work of the RC LACE Data Manager (DM) during period of nine months from January till September 2012. Please note that planning period is still in progress and there remain four more months, which were not taken into account. Following chapters describe in more details the areas of DM's main interest:

On demand help in ODB related activities

ODB related support was provided upon request. Regular update of the blacklist files from Météo France was maintained. Most of the issues were published on RC LACE forum web environment, which allows suitable spread of information and direct interaction of registered users, see www.rlace.eu/forum.

Development and maintenance of observation pre-processing tools

Within the scope of the data assimilation project the DM provided support related to the centralized observation pre-processing for LACE - so called OPLACE. Maintenance and optimization of OPLACE system has been done. Considerable efforts were dedicated to data policy clarifications as several ALADIN partners asked access to OPLACE. More detailed report can be provided upon request.

Exchange of the national (non-GTS) SYNOP data

A substantial number of national SYNOP data is available in LACE Members, which have a potential for the data assimilations and verification. Mostly data policy issues were tackled as RC LACE Council requested overview of data before giving an official approval for the data exchange. The questionnaire was sent to LACE Members to acquire necessary information, current status was presented during recent LCS meeting. In addition the technical means for the data exchange were tested with Czech national data.

Development and maintenance of an interactive web-based observation monitoring system for ALADIN variational data assimilation systems (3D VAR and 3D-FGAT)

The observation monitoring is installed and used in almost all RC LACE member states. As the latest development the extension of the system for radar data was started.

RC LACE for HARMONIE Scripting System Technical Action

RC LACE Steering Committee encouraged Area Leader for Data Assimilation to trigger HARMONIE script system use and development within LACE. During summer AL for DA requested a technical support, but this task was not tackled yet.

SRNWP Verification program

In November 2009 LACE Council decided that ALADIN/CE will represent LACE in SRNWP Verification (SRNWP-V) Program. The main part of the DM's activity was devoted to the regular preparation of the recent products requested by SRNWP-V Program.

Following table provides summary of the plan and its realization for 2012.

Summary of the planned and executed RC LACE Data Manager Activity for 2012

	Plans	Realization by September 2012
ODB related activities	0.5-1.0 PM	0.5 PM
Observation pre-processing	1.5 PM	1.75 PM
Exchange of of non-GTS data	1.5 PM	1.5 PM
HARMONIE	0.0-1.0 PM	0.0 PM
Observation monitoring D&M	1.5 PM	0.25 PM
SRNWP Verification Program	0.5 PM	0.5 PM
Total	5.5-7.0 PM	4.5 PM