

# **Operational *ALADIN* suite in Bulgaria**

January – June 2004

## 1. Changes in operations

The operational suite was switched to new SELAM coupling domain and new coupling files (41 levels) on 06.07.2004.

## 2. Running the pre-operational suite

EE927 procedure was tuned for the new SELAM coupling domain and 41 vertical levels and is running on own processor.

Integration job is running using two processors on the ALADIN-BG integration domain with 90×72 points (79×63) on 41 levels. The command for running model looks as follows :

- *Path\_to\_MPICH2/bin/mpd&* : activation of message-passing interface daemons
- *Path\_to\_MPICH2/bin/mpdrun -np 2 Name\_Of\_Your\_Binary [model options]*
- *Path\_to\_MPICH2/bin/mpdallexit* : deactivation of message-passing daemons.

The averaged CPU time par time-step is between 2.8 and 2.9 seconds. Total time for EE927, model integration, post-processing and visualization is 18 minutes. The visualization tool is GRADS v1.9xp5 for LINUX.

The pre-operational suite is running since 16th of July and is planned to replace the old operational suite on 16th of August.

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