OPERATIONAL STATUS ROMANIA 2021.1

The operational suite at NMA-Romania is implemented on new HPC system with the following characteristics:

- 5 chassis Lenovo ThinkSystem Modular Enclosure
- each chassis has 4 nodes Lenovo ThinkSystem SD530
- each node has 2 processors Intel Xeon Gold 6130
- each processor has 16 cores
- 2 login nodes Lenovo ThinkSystem SR650
- connectivity: infiniband, 10 GbE, GbE

The operational model version was changed from cy40t1 to cy43t2. The current operational setup is:

- Model Version: cy43t2
- Physical package   ALARO-0
- Horizontal resolution: 6.5 km
- Number of levels: 60
- Number of grid points: 240 x 240
- Time-step: 240 s
- Coupling model: ARPEGE
- Coupling frequency: 3 hours
- Forecast runs: 00/06/12/18 UTC
- Forecast range: 78/54/66/54
- Output frequency: 1 hour
- Grid: linear

Statistical Adaptation:

- MOS since May 2016

Graphics based on:

- package developed within NMA and RC-LACE, based on grib_api, perl and NCL-NCAR