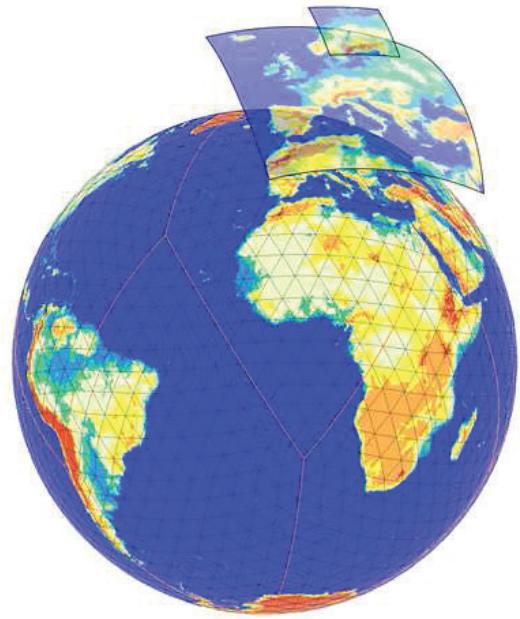


"The 37th European Working Group on Limited Area Modelling" (EWGLAM) and "22nd Short Range Numerical Weather Prediction" (SRNWP) meetings, Belgrade



In operational use:

- WRF NMM (from 12km to 1km (experimentally 500m)); Eta-DREAM; WAM
- ECWMF, NCEP and first experiences with DWD/ICON (201509)
- Only in research some techniques for pre-processing
- **In charge for numerical modelling within the IHMS:**
 - Department for Weather Forecast and Analysis/Group for Numerical Modelling
 - **Computer resource:**
2 PC Linux (i7-4790K 4.00GHz), 1 PC Linux (i7-4790,3.4GHz), Linux cluster with 32 nodes (Xeon 2.6GHz), 1 PC for Eta-Dream, 1PC for WAM
 - **Plans** - procurement of new computers
 - **Human resources:**
3 persons (1 employee and 2 free places- to be fulfilled asap)

Plans for the near future:

- To maintain the current operational status with all the interfaces to view all the numerical prognostic products:
<http://wn03.meteo.co.me/nwp/modeli/wrfv35/oper11/meteogrami1/new/grads/index.php>
- <http://www.meteo.co.me>
- Use of WRF NMM with high resolution about 0.005 deg. in small different areas (e.g. some parts of Montenegro) for research purposes with products output on 15 min
- Start to use NMMB and join to future NMMB Consortium
- Start with operational verification

ECMWF / Reading

- WRF NMM 12e, with $dx=dy=0.1$ deg.
 $dt=30s$, $e_vert=40$
- WRF NMM 4e, with $dx=dy=0.03$ deg.
 $dt=10s$, $e_vert=40$
- WRF NMM 1e, with $dx=dy=0.01$ deg.
 $dt=3s$, $e_vert=60$
- WAM, three downscaling, from 0.5 deg.
 0.125 deg. and 0.0625 deg.

NCEP / Washington

- WRF NMM 9a, with $dx=dy=0.083$ deg.
 $dt=30s$, $e_vert=40$
- WRF NMM 7a, with $dx=dy=0.062$ deg.
 $dt=18s$, $e_vert=40$
- WRF NMM 4a, with $dx=dy=0.03$ deg.
 $dt=10s$, $e_vert=40$
- Eta-DREAM
 $DLMD=DPHD=1/3$, $DTB=120$, $LM=24$

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AAXX 30081

13461 42970 00506 10217 20080 30198 40205 52010 333 91111 92322 92428=

13464 42970 00709 10211 20093 30207 40212 51006 333 91115 92322 92428=

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