

Curriculum Vitae

Personal information

Name : Angel Marčev
Mailing Address: Novo Selo BB,
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Montenegro
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Date and place of Birth: 26.08.1969, Štip, Macedonia

Education

- o University of Belgrade, Faculty of Physics, Department of Meteorology 1997-2001 , graduate meteorologist.

Foreign Languages:

English, fluent
French, middle level
German, beginner level

Working experience:

Institute of Hydrometeorology and Seismology of Montenegro

Full time employee since July, 2001.

22 years work with numerical weather forecast models, BUFR, GRIB, NETCDF data.

Current position: Head of the Department for numerical modeling, satellite and radar meteorology.

IT skills

- o Web and Forms applications programming
- o languages: Fortran, GRADS, script (csh,sh,ksh,tcsh) programming, C, C++, PHP, metview software.
- o Database design, administration and maintenance (MS SQL, MySQL,)
- o Operating systems: UNIX, Linux, Windows
- o Parallel programming, open mpi,
- o web design
- o Other software: Microsoft Office, Adobe Creative Suite, various tools for programming and design
- o Jupyter-notebook , python script

Published scientific papers

- o DOI: [10.3233/THC-229016](https://doi.org/10.3233/THC-229016)
- o DOI: [10.1007/978-3-319-99654-7_3](https://doi.org/10.1007/978-3-319-99654-7_3)
- o DOI: [10.5937/zrgfub2270057B](https://doi.org/10.5937/zrgfub2270057B)

References&Experience

- o Eta - limited area NWP model, implementation and maintenance with different input grib data (ECMWF and NCEP), 2002-2003.
- o WAM-model, implementation and maintenance with input grib1 data from WRF NMM. Eta DREAM, implementation and maintenance with input grib2 data from NCEP, USA..
- o NMM-HIRES NWP model, implementation and maintenance with different input grib (ECMWF and NCEP),2004.
- o SEE-GRID-SCI, <http://www.see-grid-sci.eu/>
- o WRF NMM v2.2 NWP model, implementation and maintenance with different input grib data (ECMWF and NCEP). 2004-2006.
- o Metview and Magick++, success training in ECMWF.
- o testbad trening workshop and FC for ESSL, <http://www.essl.org/>
- o Computer Representative in ECMWF.
<https://www.ecmwf.int/en/about/contact-us/computing-representatives>
- o Tehnical member of ARGOS Consortium,
<http://www.pdc-argos.com/>
- o Data FC for GTS in WMO and FC for GIS, https://www.wmo.int/pages/index_en.html
https://gisc.dwd.de/GISC_DWD/start_js_JSP.do
- o WRF NMM implementation and maintenance of the last release v3.8.1 with different input grib1 and grib2 data and with very high resolution, downscaling.
nwp.meteo.co.me
- o Visualisation of grib1 anf grib2 NWP products data, in profi meteo pictures, meteograms, emagrams ,ascii files.GRADS,python
emagram
- o MedCOF-1/SEECOF-10 , 18-21 November ,Belgrade 2013
- o MedCOF-5/SEECOF-14/PRESANORD-9
- o GIZ Project-Climate Change Adaptation in Transboundarz Flood Risk Management for the Western Balkans (CCAWB II) , Setup in operational status Numerical Weather Forecast System with Non-Hydrostatic Meso Model (WRF NMM v3.9.1),
developed 4 operational servers with forecast products.
Podgorica: <http://nwp2.meteo.co.me/>
Skopje: <http://217.16.74.160/>
Tirana: <http://109.69.1.178:8888/>
Pristina: <http://213.163.127.124/>
- o Summer School on High Resolution Climate Change Projections, ClimaProof
University of Natural Resources and Life Sciences, Vienna2-6 July 2018.
- o JRODOS operator, JRODOS trainer.
EuropeAid/140203/DH/SER/MULTI Emergency Preparedness and Response in
the Western Balkan Region MC 3.01/18 [KIT, Jrodos](#)

- o Associate professor at the UDG (<https://www.udg.edu.me/en/>) from 2018 , [Angel](#)
- o HPC Yota with EuroHPCC Montenegro
<https://eurocc.udg.edu.me/collaborating-with-the-institute-for-hydrometeorology-and-seismology/>
- o Project , EHPC-BEN-2023B12-015 , <https://en-vegadocs.vega.izum.si/>