

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Nikos S. Bartsotas**

Telephone(s) +30 210 7276832

E-mail(s) nikos@mg.uoa.gr (work), nikos.bartsotas@otenet.gr (personal)

Website(s) <http://forecast.uoa.gr> (work), <http://web.me.com/nikos.bartsotas> (personal)

Nationality Greek

Date of birth 29 September 1979

Gender Male

**Desired employment /
Occupational field** **Atmospheric Modeling / Mountain Meteorology / Avalanches**

Work experience

Dates 01 September 2009 - Present

Occupation or position held Researcher / PhD Candidate

Main activities and responsibilities
Operational support of high-resolution RAMS forecasts
High resolution wind forecasts for wind farm applications
Air quality forecasts for power units
Web administration of Saudi Aramco's official weather forecasting site

Name and address of employer
Atmospheric Modeling & Weather Forecasting Group, University of Athens
University Campus, Phys Bldg V, 15784 Athens (Greece)

Dates July 2008 - September 2009

Occupation or position held M.Sc. Researcher

Main activities and responsibilities
The study of a major snowstorm in Athens, through high resolution simulations with a regional model (MM5) along with additional sensitivity tests with altered orography were made for my MSc. thesis.

Name and address of employer
National Observatory of Athens, Institute for Environmental Research
Lofos Koufou, Penteli, 15236 Athens (Greece)

Education and training

Dates September 2007 - September 2009

Title of qualification awarded M.Sc. in Environmental Physics / Meteorology

Name and type of organisation
providing education and training
National and Kapodistrian University of Athens, Environmental Physics Department
University Campus, Phys Bldg V, 15784 Athens (Greece)

Dates May 2007

Title of qualification awarded B.Sc. in Physics

Name and type of organisation
providing education and training
National and Kapodistrian University of Athens, Physics Department
University Campus, Phys Bldg V, 15784 Athens (Greece)

Personal skills and competences

Mother tongue(s)

Greek

Other language(s)

Self-assessment

European level ()***English**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C2	Proficient user	C1	Proficient user	C2	Proficient user	C2	Proficient user

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences

Excellent communication skills gained through various editorial positions in the media (TV, press) that I held in parallel to my studies. Moreover, being a member of an innovative and demanding research team during the last years gave me the opportunity to interact with a large number of partners along the international scientific community, exchange information and data and continuously improve communications skills.

Organisational skills and competences

Important experience in project management from the web administration of the weather forecasting website of Saudi Aramco, that demands the coordination of scientific team of six people.

Computer skills and competences

Operational systems: UNIX, Mac OSX, LINUX, Windows
 Programming: Fortran, Perl, HTML, bash, cShell, PHP, ajax
 Parallel computing: MPICH2, OpenMPI
 Atmospheric Models: RAMS, ICLAMS, MM5, WRF
 Data Visualization Programs: ArcGIS, NCL, REVU, GRADS, RIP, Google API V3
 Data handling: HDF, GRIB, NETCDF
 Databases: SQL
 Other: Photoshop CS5, Final Cut Pro, iWeb

Other skills and competences

Snowboarding, Mountaineering, Climbing, Trekking, Mountain Bike, Surfing, Photography, Music.

Driving licence(s)

B

Additional information

Military services: Completed (served for one year in the Greek Navy, May 2005 to May 2006).
 Marital Status: Single