

# CURRICULUM VITAE

VADIM A. SOLDATOV

**Summary:** geophysicist by education, worked in different fields related to atmospheric and earth physics: upper atmosphere, ionosphere, space physics, seismic exploration, geophysical fluid dynamics, ocean acoustic tomography. Full-time participation in international scientific projects of the European Union, including final report writing. Advanced degree in Environmental Sciences from UK university. 7+ years of work and familiarity with different UNIX flavours. 4+ years of study and work abroad, in an English speaking environment; good presentation skills; translating experience; diverse technical experience; ability to learn fast

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**Born:** July 1, 1963 in Arkhangelsk, USSR

**Languages:** Russian, English (IELTS 7.5 points)

## Education:

1995–1997 University of Manchester, Dept.of Environmental Sci. and Policy (MSc)

1980–1986 St.Petersburg State University, Physical Faculty (MSc)

## Misc. courses:

2002 Central European University, Budapest (co-organized with the Santa Fe Institute, USA): Complex Systems (certificate)

1997 CEU Summer University, Budapest: Social systems as collections of individuals. Adaptive system modeling and Internet communities (certificate)

1993 London Summer School of Economics: courses in Microeconomics, Macroeconomics and Corporate Finance (certificate)

## Scholarships awarded:

1996 Research scholarship of the Swedish Institute

1995 Soros Foundation scholarship for study at CEU

1991 Emergency Grant of the International Science Foundation for scientists of the former Soviet Union

## Professional experience:

since 2001 St.Petersburg University, Institute of Physics, Dept. of Terrestrial Physics. *Position:* programmer

1999–2001 Max Planck Institute for Meteorology, Hamburg, Germany. *Position:* researcher

1998 Nansen Environmental and Remote Sensing Center, Bergen, Norway. *Position:* researcher

1998 St.Petersburg University, Institute of Physics, Lab. of Elastic Media Dynamics. *Position:* chief programmer

1996, 1997 Stockholm University, Meteorological Institute, atmospheric physics group. *Position:* guest scientist

1991–1996 St.Petersburg University, Institute of Physics, Dept. of Terrestrial Physics. *Position:* chief programmer

1986–1991 Institute of Physics, St.Petersburg University, Dept. of Terrestrial Physics. *Position:* engineer

**Scientific interests:** environmental modeling, geophysics, scientific computing, complex systems, artificial life

**Skills:** Broad experience in data analysis and representation. Extensive work experience in different operating systems, including UNIX, VAX/VMS, MS-DOS, MS Windows. *Programming languages:* Fortran, Pascal, C, Forth, HTML, Objective C, Java. *Integrated packages:* Matlab, Mathematica, Maple V, MathCad, numerous MS-Windows packages. Experience in installation and maintenance of Red Hat Linux and FreeBSD servers. Web design and programming. Special training in agent-based modeling. Scientific report writing and public presentation (participated in several international scientific symposia)

**References and list of publications** (30 items) available upon request