

Denis Sergeev

School of Environmental Sciences
University of East Anglia
Norwich
NR47TJ
UK

📞 +44 7518298358
✉ d.sergeev@uea.ac.uk
🌐 dennissergeev.github.io
🐙 [dennissergeev](https://github.com/dennissergeev)
🐦 [meteodenny](https://twitter.com/meteodenny)

AREAS OF INTEREST

- Polar lows dynamics
- Mesoscale meteorology
- Atmospheric energetics
- Atmospheric boundary layers
- Extraterrestrial meteorology

Education

- 2014–Present PhD in Meteorology
Thesis title: **Dynamics and Predictability of Polar Lows**
School of Environmental Sciences
University of East Anglia
Supervisor: [Ian A. Renfrew](#)
- 2009–2014 Specialist Diploma in Meteorology
With Honours
Thesis title: **Idealised numerical modelling of polar mesocyclone dynamics**
Faculty of Geography
Lomonosov Moscow State University
Supervisor: [Victor Stepanenko](#)

Internships

- Oct. 2013 *University of Bergen*
Geophysical Institute
Bergen, Norway
Supervisor: [Thomas Spengler](#)
- Jul. 2012 *A.M. Obukhov Institute of Atmospheric Physics*
Laboratory of Climate Theory
Moscow, Russia
Supervisor: [Alexey Eliseev](#)

Fieldwork experience

- Aug. 2012 **Field practice in meteorology**
Attempt to understanding of prevailing mesoscale processes through wind characteristic measurements and lake hydrothermodynamical modelling
Kronotsky National Reservation, Kamchatka pen., Russia
- Jan.–Feb. 2012 **Field practice in meteorology**
Measurements of the convective boundary layer over the polynya
White Sea Biological Station, Karel Republic, Russia
- Jun.–Jul. 2011 **Field practice in meteorology**
Basic field techniques in atmospheric sciences (profiling of atmosphere, study of atmospheric stratification and radiative measurements)
Khibiny mountains, Murmansk region, Russia
- Jan.–Feb. 2011 **Field practice in meteorology**
Micrometeorological measurements, ice-breeze modelling
White Sea Biological Station, Karel Republic, Russia
- Jun.–Jul. 2010 **Field practice in geographical studies**
Basic training in meteorology, hydrology, geomorphology, soil science, biogeography, topography
Kaluga region, Russia

Teaching experience

- 2015–Present **Teaching assistance**
University of East Anglia
Courses:
- Meteorology
 - Modelling Environmental Processes
 - Dynamical Meteorology
 - Numerical Skills for Scientists
 - Physical and Chemical Processes in Earth's System

Computer skills

Operating systems	Linux , Unix, Windows
Computer Languages	Python , Fortran
Data analysis and visualizing	Python , MATLAB, NCL, Paraview
Parallel programming	MPI, OpenMP
Version control systems	Git, Subversion
Document preparation	LaTeX, Markdown
Web development	HTML, CSS

Languages

Russian	Native speaker
English	Fluent
French	Basic