

Alena Rybkina

Education:

Moscow State University, Geological Faculty, Master, 2011. Degree with honors.

Foreign Language:

English (Fluent), French (Intermediate).

Degree:

Master of Geological Sciences.

Position:

Head of Innovative Projects Sector in Geophysical Center of RAS (<http://www.gcras.ru/>).

International activity:

Member of CODATA Executive Committee (<http://www.codata.org/>).

Participation in projects (Russian and International):

- 2014 – deputy Head of the project “Development of innovative technologies and the creation of an experimental sample of the multifunctional demonstrative spherical screen for monitoring extreme geomagnetic phenomena using ground and satellite data” Federal Target Program of the Ministry of Education and Science of the Russian Federation event 1.3;
- 2013 – chief manager of the project “Intelligent medical geoinformation system for assessment and prediction of medical and environmental status of the Russian Federation territories and the influence of natural, social, economic and technological changes in the environment on the population” of the Federal Target Program of the Ministry of Education and Science of the Russian Federation, event 1.5, Lot 4;
- 2012–2013 – chairman of the Organizing Committee of the International Partnership Conference “Geophysical observatories, multifunctional GIS and data mining” September 30–October 2, 2013 in Kaluga, Kaluga Region, Russia. Organized the conference venue, negotiation, search for sponsors, advertising support, design of logo and handouts, PR, drafting press releases, formation of programs, complete organizational support for the conference, keeping the budget and financial statements;
- 2012–2013 – head of the Russian-German group on the collaboration of science and education;
- 2012 – head of the project “System of collecting information to assess the prospects for a coordinated social and economic development of Russia and Ukraine in the European context, software development and the creation of a GIS database” within the Russian Academy of Sciences Program №38;

- 2012 – project manager of RFBR № 12-01-31396 “Development of methods and software tools of data presentation for the evaluation of geomagnetic activity on the multifunctional demonstrative spherical screen in real or near real time”;
- Since 2011 – until the present day – head of Sector of Innovative Projects, which deals with the implementation of scientific and research development in the business sector, the management of research projects, conducting the projects;
- Since 2011 – until the present day – head of project “Sfera–Obrazovanie”, which is based on the implementation of multifunctional demonstrative spherical screen in the educational institutions of RF as well as universities and commercial companies. Logo design, PR, development of methodological materials, the search for investors and the market, negotiations on domestic and international levels, its implementation in educational and commercial institutions of the Russian Federation;
- 2010–2011 – chairman of the Organizing Committee of the International Conference “Artificial Intelligence in the Earth’s Magnetic Field Study. INTERMAGNET Russian Segment” (170 persons). The search of the conference venue, negotiation, search for sponsors, advertising support, design of logo and handouts, PR, drafting press releases, formation of programs, complete organizational support for the conference, keeping the budget and financial statements;
- 09/2010–12/2010 – invited GIS specialist at NOAA, Boulder, USA;
- 2009–2010 – secretary in the electronic multimedia journal “Herald of the Earth Sciences Branch of RAS”, which represents the most important events within the Earth Sciences Branch of RAS in the field of Earth Sciences;
- 2008–2009 –member of the Organizing Committee of the International Conference “Electronic Geophysical Year: State of the Art and Results” (more than 100 persons). The search of the conference venue, negotiation, search for sponsors, advertising support, design of logo and handouts, PR, drafting press releases, formation of programs, complete organizational support for the conference, keeping the budget and financial statements;
- 2007–2010 – leading data designer in the project of geoinformatics system creation “Data of Earth Sciences on the territory of Russia” (project RFBR 08-07-00106-a);
- 2007–2008 – development and support of the Russian Geophysical Year web site (<http://egy-russia.gcras.ru/main.html>).

Information about patents:

- Certificate of state registration of the computer program №2013621007 “Database of geomedical statistics for intellectual medical geoinformatics system (IMGIS) IMGISDATA 1.0” of 26/08/13;
- Certificate of state registration of the computer program №2013617859 “Program for prediction of medical and demography indicators for the territorial units of the different levels (federal and local). DEMOGRAPHY_GCRAS 1.0” of 26/08/13;
- Certificate of state registration of the computer program №2014618293 “Program of data visualization for spherical screens Orbus (ORBUS)” of 14/08/14.

Research interests:

Geophysics, geology, lithology, GIS, up-to-date methods of visualization, implementation of intellectual activity results, paleomagnetism.

Video interview:

- 2012 – Interview to the TV channel “Prosveschenie”, program “Young Scientists”.
<http://www.youtube.com/watch?v=kEOr957we3M> ;
- 2012 – Interview to the TV channel “STS”, program “Infomaniya”.
<http://www.youtube.com/watch?v=egbgjWXRvjA> ;
- 2010 – Interview to the TV channel “Yugo-Zapad”. Project “Sfera–Obrazovanie”.
http://www.gcras.ru/smi/YUZAOTV_Rybkina.html ;
- 2012 – Interview to the TV channel Science 2.0. program “Great Leap. Old and New Cartography”.
http://www.youtube.com/watch?v=ZvJ8MfQwVsw&feature=my_liked_videos&list=L_LgeQOIOz2fS2BniThOVHAWg .