

Julia Nikolova

Education:

- National Research Nuclear University "MEPhI" (NRNU MEPhI), Institute of Intellectual and Cybernetic Systems, Master's Degree in Applied Mathematics and Informatics (2015 - 2017). Diploma with honours;
- National Research Nuclear University "MEPhI" (NRNU MEPhI), Faculty of Cybernetics and Information Security, Bachelor's Degree in Applied Mathematics (2011 - 2015).

Foreign languages:

English.

Positions:

- Junior engineer (2014 - 2015);
- Junior research scientist (since 2015).

Research:

- Application of GIS technologies for processing and analysis of Earth sciences data;
- Creation of geoprocessing tools on the basis of methods of discrete mathematical analysis;
- Participation in the programs of the Presidium of the Russian Academy of Sciences, RNF and RFBR grants;
- Preparing data and algorithms for an analytical geoinformation system for integrated study, forecasting and evaluation of Russia's strategic raw materials.

Scientific interests:

GIS, geoinformatics, data analysis, modern technologies.

Certificates:

Certificate of state registration of the computer program No. 2017617020 "Toolbox" Cluster analysis to work in ArcGIS", 06/23/2017.