

# Polina Lemenkova

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## SOCIAL DATA

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📄 Online Profiles:  
🆔 ORCID ID: 0000-0002-5759-1089  
📄 arXiv, 🏠 Academia.edu (top 2%)  
ℝ<sup>6</sup> ResearchGate (RG Score: 7.41), PANGAEA, SSRN  
🌐 LinkedIn, 📄 SlideShare, 📄 Overleaf L<sup>A</sup>T<sub>E</sub>X Templates  
📄 Figshare, 📄 Loop, 📄 ResearcherID: R-8828-2018, 📄 Zotero  
📄 Open Science Framework, 📄 IdHAL, 📄 DergiPark, 📄 PubMed  
📄 GitHub, 📄 Kaggle, 📄 eLibrary (Russian Science Citation Index)  
📄 Publons, 📄 Scopus, 📄 Microsoft Academic, 📄 AMiner, 📄 LifeScienceNetwork  
📄 Harvard Dataverse, 📄 MyScienceWork, 📄 PhilPapers  
📄 Google Scholar: *h*-index = 3, citations = 17, 📄 Semantic Scholar  
📄 SciRate, 📄 Zenodo, 📄 ScienceWISE, 📄 BibSonomy, 📄 Kudos, 📄 Impactstory  
📄 Mendeley, 📄 DataCite, 📄 Facebook, 📄 G+ Google+, 📄 Twitter



## SUMMARY

- ✓ M.Sc. in GIS and Earth Observation (2011), B.Sc. in Geography and Cartography (2004)
- ✓ Data management: 400+ research items organized in 36 projects
- ✓ Research results and activities: 100+ published papers; visited 30+ events
- ✓ Technical skills: GIS/RS (ArcGIS, QGIS, Erdas Imagine, ILWIS, Idrisi, ENVI). Statistical analysis (R, Gretl, SPSS). Plotting (R, Gnuplot). Graphics (GIMP, Adobe Illustrator, Photoshop).
- ✓ Bibliography and text editing: L<sup>A</sup>T<sub>E</sub>X, BibL<sup>A</sup>T<sub>E</sub>X. Database reference systems: 📄, 📄
- ✓ Languages: English, German, French, Chinese, Spanish, Italian, Russian (native)
- ✓ 7 years spent in Europe, 2 years in China for education and research; visited 37 countries worldwide

## EDUCATION

### Tertiary Education

09.2017-  
07.2020:  
PhD student

#### **Ocean University of China**

**China, Qingdao**

09.2017-ongoing. PhD Course at College of Marine Geo-sciences: *Modules*: Continental Margin Tectonics & Ocean Floor Geodynamics); Sedimentology & Analysis of Marine Sediments; Modern Marine Geology; China Studies; Academic Thesis Writing. *Certificate*.

#### **Universiteit Twente**

**Netherlands, Enschede**

09.2009-03.2011: MSc Course 'GIS and EO for Environmental Modelling and Management'. Faculty of Geo-Information Science & Earth Observation. *Modules*: Statistics; Research Proposal Writing. MSc Thesis: '*Seagrass mapping and monitoring along the coasts of Crete, Greece*'. MSc Diploma

#### **Lunds Universitet**

**Sweden, Lund**

01.2010 - 06.2010: GIS Centre. *Modules*: System Dynamics & Analysis; Advanced GIS & Remote Sensing; GIS and Remote Sensing in Distributed Environmental Modelling; GIS and Biodiversity.

#### **University of Southampton**

**UK, England**

09.2009-01.2010. School of Geography. *Modules*: GIS for Environmental Modelling; Core Skills in GIS & Remote Sensing; Calibration & Validation of Earth Observation Data; Risk Assessment; Physical Geography in Environmental Management; Research Skills. MSc Diploma

## Universität Basel

Switzerland, Basel

2008/2009. [Geographisches Institut](#). Research focus: Using ArcGIS Spatial Analyst and satellite imagery to study spatio-temporal ecosystems changes: a case study of the Gallocanta lake, Spain. Results: 3 items in a research project

Summa Cum  
Laude.  
Gold Medal.  
Total/Class  
hours:  
7748/4618

## Lomonosov Moscow State University (MSU)

Russia, Moscow

01/09/1999 - 25/06/2004. B.Sc. Course at Faculty of Geography, Dept. of Cartography and Geoinformatics. Graduated with Honours, Summa Cum Laude, University Gold Medal.

B.Sc. Thesis (2004): *Ecological Mapping of the Barents and the Pechora Seas*.

Term Paper (2002): *Ecological and Geographical Mapping of the Baltic Sea Region in the Gulf of Finland*. The most important *B.Sc. Modules*: Geoinformation Mapping (GIS), Mathematical Modeling in Mapping, Image Processing, Geodesic Bases of Maps, Econ. and Soc. Geogr. of the World and Russia, Physical Geogr. of Russia, Physical Geogr. of the Continents and Oceans, Basics of the Satellite Positioning, Geoinformatics, Digital Cartogr., IT In Cartogr., Mapping and Electronic Atlases, Automatization in GIS, Geogr. Decoding, Photogrammetry, Methods of Geosci., Databases, Commerc. GIS, Maps Producing, Maps Editing, Design in Cartogr., Digital Cartogr., General Mapping Issues, Org. and Technol. Cartogr. Enterprises, New Directions in Mapping Develop., Eco-Geogr. Mapping, Nat. Resource, Topography, Geomorphol. with Geol. Basics, Biogeography, Landscape Stud., Integrated Cadastre, Surveying, Space Mapping, Digital Photogrammetry, Cadastre, Hydrology, Meteorol. & Basics of Climatology, Geogr. of Soils with Fund. of Soil Science, Legal Foundations of Nature, Theoret. Basics of the Ecol. Assessment, Econ. of Nat. Manage., Basics of Ecol. B.Sc. Diploma (Russian original). B.Sc. Diploma (U.K. transl. Apostille, London).

## Additional Education

### \* Charles University in Prague

Czech Republic, Prague

01 Sep 2013 - 31 Dec 2015: Faculty of Science, Dept. of Ecology. Doctoral level studies. Module: Environmental Informatics (3 ECTS). Research focus: Environmental studies of the Šumava National Part, Czechia. Results: 8 items in a research project.

### \* University of Tartu

Estonia, Tartu

01/05-30/06/2012: Institute of Ecology & Earth Sciences, Dept. of Geography, Chair of Geoinformatics & Cartography. Research focus: Mapping Estonian landscapes using Idrisi GIS, CORINE database and Landsat TM images. Results: 6 items in a project.

### \* Technische Universität Dresden

Germany, Dresden

2011-2013. Institute for Cartography, Faculty of Forest, Geo and Hydrosociences. Research focus: Environmental analysis of the Tian Shan mountains, Central Asia. Results: 4 items in a project

### \* Universität Wien, Institut für Geographie und Regionalforschung

Austria, Vienna

01/03-30/06/2011. *Module*: Risk Assessment & Disaster Management (ILWIS GIS), 6 ECTS. Research focus: Landslide hazards in Austria, ArcGIS. Results: 2 items in a project

### \* University of Warsaw

Poland, Warsaw.

07/06-27/07/2010. Module: Environmental Management & Policy in Central Europe (4,5 ECTS). Summer Fieldwork (4,5 ECTS), MSc GEM Course.

### \* Université de Fribourg

Switzerland, Fribourg

01.09.2009-31.03.2010. Faculté de Sciences. Research focus: Alpine geoarchaeology.

### \* Lomonosov Moscow State University

Russia, Moscow

09.2005-06.2007. Faculty of Educational Studies. BSc+ Thesis (Diplom o dopolnitel'nom (k vysshemu) obrazovaniju): *Using ArcGIS in Teaching Geoscience* (in Russian).

### \* Lomonosov Moscow State University

Russia, Moscow

01.09.2004-31.12.2007. Faculty of Geography, Dept. of Cartography and Geoinformatics. Modules: Cartography, Philosophy, German language. Pedagogical Internship: Teacher of Geodesy at student summer fieldwork, MSU Faculty of Soil Science. Thesis extended abstract.

## Certification Courses

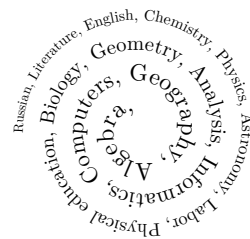


- \* **PADI Open Water Diver.** Greece, Crete. [European Diving Institute](#). Ligaria beach, Agia Pelagia, 05.10.2010. [Certificate](#).
- \* **PADI SCUBA Water Diver.** Greece, Crete. [European Diving Institute](#). Ligaria beach, Agia Pelagia, 30.09.2010. [Certificate](#).
- \* **SeaBat QTC Multiview and Chesapeake SonarWIZ Echosounder System.** Russia, Moscow. 19-26 October 2005. Hydrographic software certification training course. Learned principles of the sonar system [PDS2000](#), seafloor mapping. 40 hours at the [Institute of Geology RAS](#). [Certificate](#).
- \* **AutoCAD Map 2005 3D.** Russia, Moscow. 2-6/08/2005. Software training course: GIS mapping, creating features, graphics, objects topology, coordinate systems, design. 40 hours. [Point Autodesk](#). [Certificate](#).



## Secondary Education

- [Financial University under the Government of the Russian Federation](#). Moscow. Faculty of Pre-University Education, 1997/98. Modules: Geography, Mathematics, Russian. [Certificate](#).
- College 'Business Studies in Russia'. Naro-Fominsk. 21 June 1997. [Certificate](#).
- School №4, General Secondary Education. 1987-1997. Russia, Naro-Fominsk. [Certificate](#).
- School of №47, Piano Faculty. 1987 - 1995. Russia, Moscow. [Certificate](#).



## MEMBERSHIP

2013	On Sustainability Knowledge Community
2013	Heritage & Archaeological Research Practice
2012	International Association of Early-Career Geoscientists
2012	Earth Science Women's Network (ESWN)
2012	Livestock Emissions & Abatement Research Network (LEARN)
2012	Association for Women Geoscientists (AWG)
2012	International Federation of University Women (IFUW)
2011	European Geoscience Union (EGU)
2009	Swiss Snow Ice and Permafrost Society
2009	Swiss Geomorphological Society (SGS)

## AWARDS

🏆 **University Gold Medal** for Academic Excellence (2004), [Moscow State Lomonosov University](#)

## GRANTS

Nº	Country	Agency	Period	Reference	Amount
1	China	CSC Marine Scholarship of China, State Ocean Administration (SOA)	01/09/2016-15/07/2020	2016SOA002	¥340.000
2	France	Travel grant TRAIL: Formation et recherche pour l'interprétation archéologique des données LiDAR	26-28/03/2014	Besançon - Frasné, Franche - Comté	€ 100
3	Czechia	Charles University Scholarship	2013-15	6778/13	CZK
4	Netherlands	Groningen Energy Summer School, Rijksuniversiteit Groningen	06/2013	GESP 2013/355	€ 500
5	China	Taiwan Ministry of Education, Short Term Research Award	01/04-31/05/2013	1010092953	NTD 105.000
6	Turkey	TÜBİTAK Sci. & Technol. Research Council of Turkey. Fellowship 2216.	01/11-31/12/2012	B.02.1.TBT. 0.06.01-216.01 -5/282	₺ 4.500, \$ 2.200
7	Belgium	Bourse d'excellence IN WBI (Wallonie-Bruxelles Int'l)	01/09/-30/10/2012	SOR/2011/36604	€ 2.600
8	Slovakia	Národný štípendijný program SR, Ministerstvo školstva, vedy, výskumu a športu. SAIA, n.o.	01/07-31/08/2012	13504/2012 363-2012-FPV-SD	€ 1.340
9	Estonia	DoRa, European Social Fund, Program Activity 5	01/05-30/06/2012	11.01.2012 No.2-12/P2-755	€ 1.574
10	Hungary	Hungarian State Scholarship, Balassi Intézet (Budapest, HSB)	01/01-30/04/2012	MÖB/154-2/2011	HUF 596.800
11	Finland	CIMO Finnish Centre for International Mobility	01/07-31/12/2011	TM-10-7124	€ 7.200
12	Austria	Stipendiumstiftung Österreichische Austauschdienst GmbH (ÖAD)	03-06/2011	ICM-2010-02122	€ 4.660
13	EU Commission	Erasmus Mundus Scholarship for joint MSc course	09/2009-03/2011	GEM-L0022/2009/EW	€ 35.600
14	Finland	Finnish Centre for International Mobility CIMO	01/06-31/08/2009	5.3.2009 TM/09/6223	€3.600
15	Switzerland	Swiss Government Excellence Scholarships for Foreign Scholars & Artists (ESKAS)	15/09/2008-15/06/2009	2008-0066/ Russ-land/OP Referenz 675/ Bri	CHF 17.280
16	Germany	Deutscher Akademischer Austauschdienst DAAD	10/2007-03/2008	Ref. 325, Kennziffer A/06/92719	€ 5.850
17	Russia	Moscow State Lomonosov Univ. Scholarship	09/2005-06/2007	Tuition fees	₽ 650M
18	Germany	AWI grant for Antarctic expedition ANT/XXIII-4	02-04.2006	url	flights, living
19	Austria	Joanneum Research Internship, Inst. of Digital Image Processing	01/06-31/08/2003	GEF/RIV DW 1149 (Graz, 8.5.2003)	€ 2.792
20	Russia	Moscow State Lomonosov Univ. Scholarship	09/1999-06/2004	Tuition fees, stipend	₽ 1.6MM



## Chinese

live in China since 2016. 2.500 simplified characters

- HSK Level 5 (C1, Advanced). 2.500 characters. Exam place: Confucius Institute, Qingdao, China, 15.07.2017. Scores: 193/300 (L76, R51, W66). [Certificate No. H51707047962](#)
- HSK Level 4 (B2, Upper-Intermediate). 1.200 characters. Exam place: Confucius Institute, Qingdao, China, 22.04.2017. Scores: 199/300 (L73, R76, W50). [Certificate No. H41704023748](#)
- HSK Level 3 (B1, Intermediate) 600 characters. Exam place: Confucius Institute, Qingdao, China, 04.12.2016. Scores: 243/300 (L89, R70, W84). [Certificate No. H31612048523](#)
- HSK Level 2 (A2, Elementary) 300 characters. Exam place: Confucius Institute, Qingdao, China, 12.11.2016. Scores: 187/200 (L94, R93). [Certificate No. H21611030796](#)
- HSK Level 1 (A1, Beginner) 150 characters. Exam place: Confucius Institute, Qingdao, China, 16.10.2016. Scores: 188/200 (L93, R95). [Certificate No. H11610027055](#)
- *Language School: Chinese Language Course at Ocean University of China:* 03.2017-07.2017. Spring semester, Level D (Intermediate). *Modules:* Writing (72 h.), Reading (108 h.), Audio-Visual (72 h.), HSK (36 h.), Grammar (72 h.) W:86, R:85, L:78.5, HSK:71, G:58. [Certificate](#)
- *Language School: Chinese Language Course at Ocean University of China:* 09.2016-01.2017. Winter semester, Level A2 (Beginner). *Modules:* Characters, 34 h., Intensive Reading (136 h.), Speaking (102 h.), Listening (68 h.). Scores: R:85, S:85, L:87, Ch:92. [Certificate](#)

## English

studied in the UK (M.Sc.)

- IELTS C1; British Council, Vienna, Austria, 2011. Score: 7.5 (R8.0, S7.5, W7.5, L6.5).
- IELTS C1; British Council, Bern, Switzerland, 2009. 7.0 (R8.0, S7.0, W6.0, L6.5).
- IELTS B2; British Council, Moscow, Russia, 2007. Score 6.5 (R7.0, S7.0, W6.0, L5.0).
- TOEFL B2; Saint-Petersburg, Russia, 15 February 2005. Score 210 (R26, Essay4.0, W22, L15).

## French

learned French in Switzerland, had internship in Belgium, workshop in France

- **DIPLÔME DALF:** C1, Supérieur. Institut Français de Brême, Allemagne, 2008.
- **CERTIFICAT TCF:** B2, Intermédiaire avancé: Institut français de Hambourg, Allemagne 2007.
- **CERTIFICAT TFI:** B2, Intermédiaire, Oldenburger Fremdsprachenschule, Allemagne, 2007
- **DIPLÔME DELF:** B1, Intermédiaire. Centre culturel française de Moscou, Russie, 2007.
- *Language School: Le Français actif: Communiquer à l'oral et à l'écrit* in Language Centre, Universität Basel, Switzerland, Basel, February-June 2009. [Certificate](#)
- *Course de conversation actualité.* Universität Basel, Switzerland, 02-06.2009. [Certificate](#)

## German

2 years studied in German-speaking countries: Austria, Germany, Switzerland

- **DIPLOM ÖSD:** C2, Proficiency. Moskauer Staatliche Linguistische Universität, 15.06.2006
- **DIPLOM ÖSD:** C1, Advanced. Moskauer Staatliche Linguistische Universität, 30.10.2004.
- **Russian-German Institute of Science and Culture, MSU,** 2001-2003. German language, history, law, politics, culture. [Certificate](#)

## Spanish

- **DIPLOMA DELE** Nivel B1. 22.08.2008, Instituto Cervantes, Moscú, Rusia.

## Italian

- **CERTIFICATO CILS:** B1 Intermediate, at Instituto Italiano di Cultura di Mosca, 2007.

## Arabic

- *Language School: Elementary A-level Arabic language course* in the Center for Arabic Language and Culture of Cairo University, Egypt, Giza/Cairo, 10 January - 06 February 2013. [Certificate.](#)

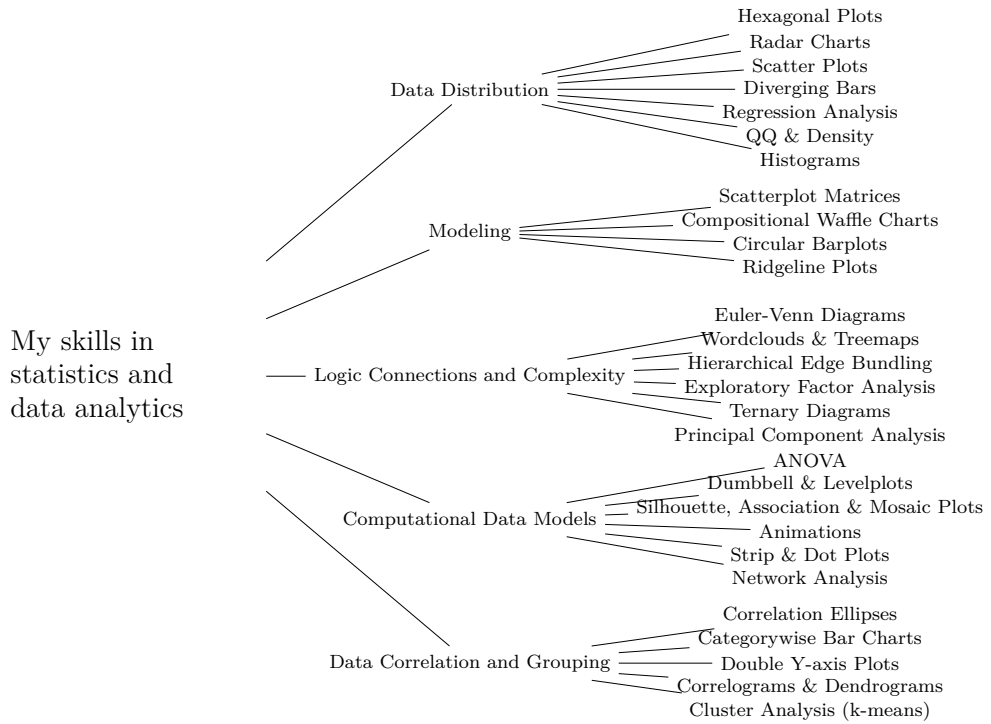
## Russian

- Native speaker. Born and grew up in Moscow, Russia.



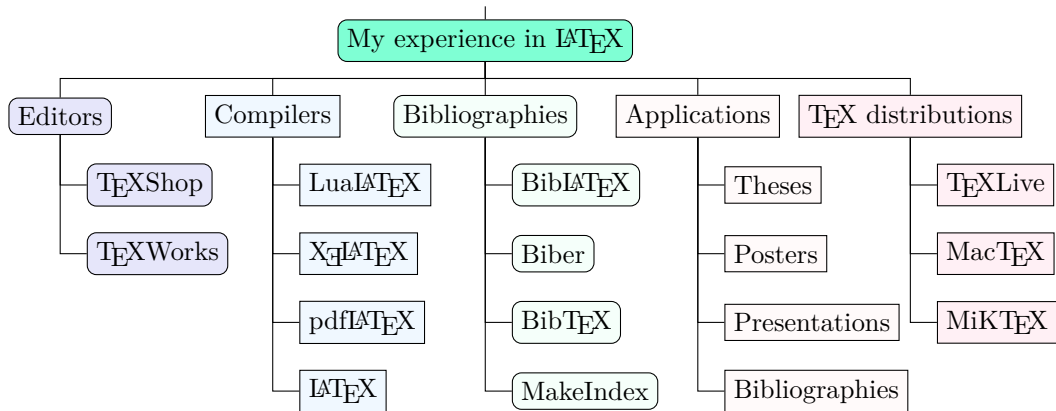
### TECHNICAL SKILLS

- </> Coding and  $\mathcal{P}$  in **git**,  $\text{T}_{\text{E}}\text{X}$ , R,  $\mathcal{U}$
- $\mathcal{L}$  Statistical analysis: R language, Gretl, SPSS.



- $\mathcal{B}$  My skills in bibliography database reference management systems: Bib $\text{L}\text{A}\text{T}_{\text{E}}\text{X}$ ,  $\mathcal{M}$  Mendeley,  $\mathcal{Z}$  Zotero

- $\mathcal{P}$  My skills in  $\text{T}_{\text{E}}\text{X}$  language and  $\text{L}\text{A}\text{T}_{\text{E}}\text{X}$  typesetting



Other text editors: Atom, LyX, gedit, Notepad++.

- $\mathcal{B}$  My skills in data management and administration:

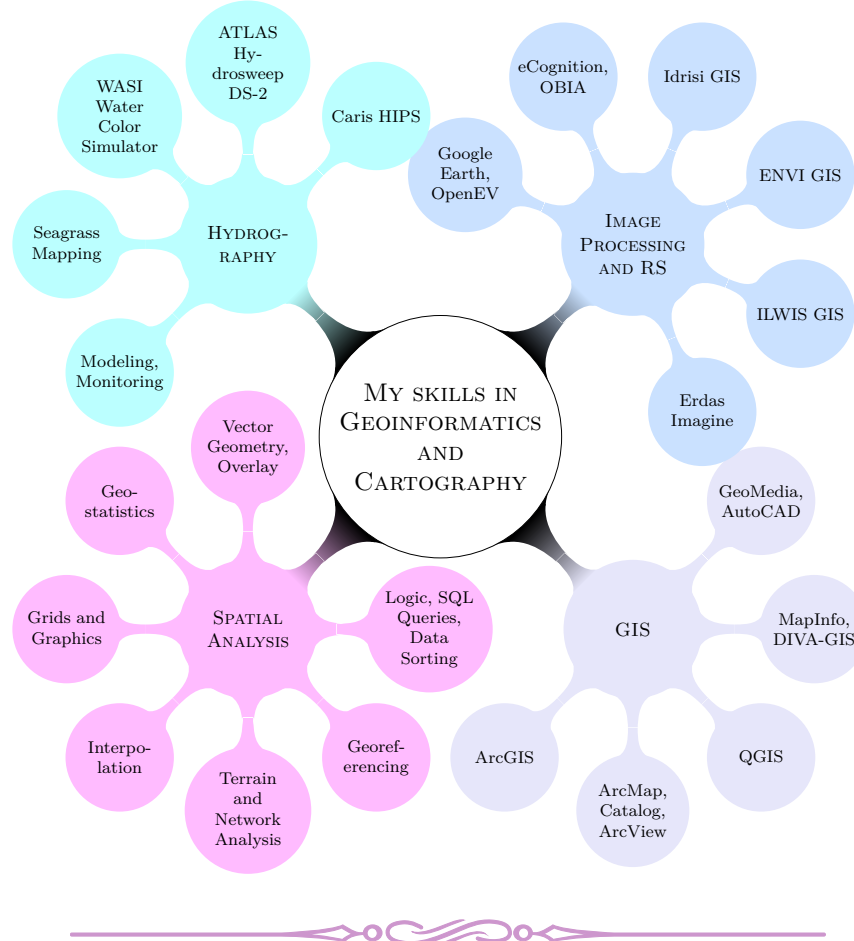
SQL queries	data organizing: projects	analysis, data sorting	databases: hierarchies	data capture	GPS, iPAQ
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- $\mathcal{K}$  Worked on OS:  $\mathcal{A}$  MacOS X. Previously:  $\mathcal{L}$  (RedHat, Suse),  $\mathcal{W}$  (XP, Vista, NT, 2000)

🖌 Graphics, design and illustrations:

Gimp	Gnuplot	Inkscape	CorelDraw	Photoshop	Illustrator
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👁 My skills in Cartography:



## EVENTS

### Conferences

31. **Russia, Tambov:** *5<sup>th</sup> Int'l Sci.-Pract. Conf. 'Virtual Modeling, Prototyping & Industrial Design'*, 14-16 Nov. 2018. (distance based). [Certificate](#).
30. **Russia, Vladivostok:** *Fisheries and Aquaculture. 2<sup>nd</sup> Int'l Res. & Tech. Conf. of Stud., PhD Stud. & Young Sci.*. Far Eastern State Techn. Fisheries Univ., 19-20 Apr. 2016. [Certificate](#).
29. **Russia, Tambov:** *2<sup>nd</sup> Int'l Sci.-Pract. Conf. 'Virtual Modeling, Prototyping & Industrial Design'*, 17-19 Nov. 2015 (distance based). [Certificate](#).
28. **Russia, Ryazan:** *Modern Trends & Perspectives in Devel. of Tourism & Hospitality. Inter-Regional Sci.-Pract. Conf. 100<sup>th</sup> Anniv. of the Ryazan State Univ. n.a. S.A. Yesenin*, 29 Sept. 2015 (distance based). [Certificate](#)
27. **Russia, Syktyvkar (Komi):** *6<sup>th</sup> Russ. Nat. Sci. Conf. with Int'l Participation on Forest Soils 'Fund. & Pract. Questions of Forest Soils'*, 14-19 Sept. 2015 (distance based). [Certificate](#).
26. **Russia, Kazan (Tatarstan):** *13<sup>th</sup> Int'l Sci.-Pract. Conf. of RSEE 'Theory & Practice of the Econ. Manage. of Land Use and Envir. Protection'*, 7-11 July 2015 (distance based). [Certificate](#).



25. **Georgia, Kutaisi:** *7<sup>th</sup> Int'l Sci.-Pract. Conf. 'Internet & Society (INSO2015)'*, 3-4 July, 2015 (distance based). [Invitation Letter](#).
24. **Russia, Grozny (Chechnya):** *Int'l Res. Conf. 'Geoenergy'*, 19-21 June 2015. [Certificate](#)
23. **Belarus, Vitebsk:** *Int'l Sci.-Pract. Conf. 'Trends and Perspectives in Regional Systems of Adult Edu.*, 3-4 June, 2015.
22. **Belarus, Grodno:** *8<sup>th</sup> Int'l Sci.-Method. Conf. 'Prospects for the Higher School Devel.'*, 28-29 May 2015. [Certificate](#)
21. **Russia, Ufa (Bashkortostan):** *3<sup>rd</sup> Int'l Res. Conf. 'IT-Days. Probl. & Solutions'*, 20-22 May 2015. [Certificate](#)
20. **Kazakhstan, Aqtöbe:** *Int'l Res. Conf. 'Integration of Edu. & Sci.: Challenges of the Modern World*, 13 May 2015. [Certificate](#). [Invitation Letter](#).
19. **Belarus, Gomel:** *Int'l Res. Conf. 'Geogr. Aspects of Sustainable Devel. of Regions*, 23-24 Apr. 2015. [Certificate](#).
18. **Russia, Derbent (Dagestan):** *2<sup>nd</sup> Russ. Nat. Res. Conf. 'Edu. Activities in the Mode of Innovation: Concepts, Approaches, Technol.'*, 15-16 April 2015.
17. **Russia, Belgorod (Chernozemye):** *3<sup>rd</sup> Int'l Res. Conf. of Young Sci. 'Geoecology & Sustainable Use of Mineral Resources: Sci. to Pract.'*, 6-10 Apr., 2015. [Certificate](#)
16. **Russia, Arzamas:** *Web-Technol. in Edu. Space: Probl., Approaches, Perspectives*, 26-27 Mar. 2015. [Certificate](#)
15. **Russia, Yoshkar-Ola (Mari El):** *Actual Probl. of State & Manage. of Water Resources*, 19 Mar. 2015
14. **Russia, Yekaterinburg (Ural):** *Ural State Agrarian Univ. 75<sup>th</sup> Anniv. Int'l Res. Conf.*, 27-28 Feb. 2015.
13. **Russia, Voronezh:** *15<sup>th</sup> Int'l Conf. 'Informatics: Probl., Method., Technol.'*, 12-13 Feb. 2015.
12. **Czech Rep., Prague:** *6<sup>th</sup> Annual PGS Conf.*, 27 Jan. 2015.
11. **Armenia, Tsaghkadzor:** *3<sup>rd</sup> Int'l Conf. on GIS & RS*, 17-19 Nov. 2014.
10. **Belarus, Minsk:** *5<sup>th</sup> Int'l Sci. Conf. 'Modern Probl. of Geoecology & Landscapes Stud.'*, Belarusian State Univ., Faculty of Geogr., 14-17 Oct. 2014. [Invitation Letter](#).
9. **Greece, Athens:** *CANEPAL Int'l Conf. 'Celebrating Pastoral Life; Heritage & Econ. Devel.'*, 11-13 Sept. 2014.
8. **Czech Republic, Olomouc:** *Conf. on the Soc.-Econ. Transition of China: Opportunities & Threats*, 3-6 Apr. 2014. [Certificate](#).
7. **Czech Republic, Brno:** *CzechGlobe Conf.*, 6 February 2014.
6. **Croatia, Split:** *10<sup>th</sup> Int'l Conf. on Envir., Cultural, Econ. & Soc. Sustainability*, 22-24 Jan. 2014. [Certificate](#).
5. **Spain, Barcelona:** *Int'l Conf. on Learning Leadership: "Creating Innovative Learning Communities"* (Discussion), 'Challenge of School Design' (Master class), 3-5 Dec. 2013. [Certificate](#).
4. **Latvia, Riga:** *54<sup>th</sup> RTU Conf. 'Envir. & Climate Technol.'*, 14-16 Oct. 2013. [Certificate](#).
3. **Serbia, Belgrade:** *3<sup>rd</sup> Int'l Geosci. Student Conf.*, 29-31 May 2012. [Invitation Letter](#).
2. **Serbia, Belgrade:** *3<sup>rd</sup> Int'l Conf. - Geosci. & Envir.*, 27-29 May 2012. [Invitation Letter](#).
1. **Ukraine, Kiev:** *11<sup>th</sup> Int'l Conf. 'Geoinformatics - Theor. & Appl. Aspects'*, 14-17 May 2012

## Workshops

Nº	Place	Date	Event
1	Germany, Rostock	8-9/Oct 2015	<i>Workshop of the DFG Research Training Group Baltic TRANSCOAST, University of Rostock</i>
2	France, Frasne	26-28/Mar 2014	<i>TRAIL 2014, Formation et recherche pour l'interprétation archéologique des données LiDAR, Franche-Comté. Certificate.</i>
3	Italy, Rome (Frascati)	20-22/May 2014	<i>SENTINEL-2 for Science ESA Workshop</i>
4	Hungary, Debrecen	11/Dec 2014	<i>Workshop 'Spatial Planning &amp; GIS Services for Regional Develop.', INTERREG IVC Project 'Regions4GreenGrowth', Észak-Alföld Regional Develop. Agency</i>



## Schools

Nº	Place	Date	Event
1	Russia, Voronezh	12-13 Feb 2015	<i>15<sup>th</sup> Int'l Conference 'Informatics: Problems, Methodology, Technologies and 6<sup>th</sup> Winter School 'Informatics in Education'</i>
2	Netherlands, Groningen	17-28 June 2013	<i>Groningen Energy Summer School: A multi-disciplinary approach to energy transition, from policy to physics. Rijksuniversiteit Groningen. 5 ECTS. Certificate</i>

## Assemblies

1. **Austria, Vienna:** *European Geoscience Union, General Assembly 2011*, 03-08 April 2011.

## Congresses

Nº	Place	Date	Event
1	Greece, Thessaloniki	22-24 Oct 2014	<i>10<sup>th</sup> Int'l Congress of the Hellenic Geographical Soc.. Certificate.</i>
2	Portugal, Peniche	27-29 Nov 2013	<i>6<sup>th</sup> Int'l Tourism Congress (ITC-13). Certificate.</i>

## Symposiums

Nº	Place	Date	Event
1	Greece, Patras	26-28 Nov 2014	<i>IRLA2014, the 1<sup>st</sup> Int'l Symposium on the Effects of Irrigation &amp; Drainage on Rural &amp; Urban Landscapes</i>
2	Netherlands, Enschede	26 June 2013	<i>Participatory GIS Symposium</i>

## Meetings

Nº	Place	Date	Event
1	Russia, Moscow	21 Feb 2015	<i>Int'l Open Data Day Moscow</i>
2	Lithuania, Vilnius	02-05 July 2013	<i>4<sup>th</sup> Int'l Meeting of Fire Effects on Soil Properties. Certificate</i>

## Forums

1. **Kazakhstan, Almaty:** 5<sup>th</sup> Int'l Student Forum 'Green Bridge Through Generations', 11-12 April 2016. Distance based participation. Certificate.

## Plenary Speaker

№	Place	Date	Event
1	Vitebsk, Belarus	3-4/06/2015	Int'l Conference ' <i>Trends and Perspectives in Regional Systems of Adult Education</i>
2	Aktobe, Kazakhstan	13/05/2015	Int'l Research and Practice Conference ' <i>Integration of Education and Science: Challenges of the Modern World</i> '
3	Derbent, Russia (Dagestan)	15-16/04/2015	2 <sup>nd</sup> Russian National Conference ' <i>Educational Activities in the Mode of Innovation: Concepts, Approaches, Technologies</i> '
4	Belgorod, Russia	6-10/03/2015	3 <sup>rd</sup> Int'l Research Conference of Young Scientists ' <i>Geoecology and Sustainable Use of Mineral Resources: Science to Practice</i>
5	Arzamas, Russia	26-27/03/2015	<i>Conference on Web-Technologies in the Educational Space: Problems, Approaches, Perspectives</i>
6	Athens, Greece	11-13/09/2014	CANEPAL Int'l Conference ' <i>Celebrating Pastoral Life; Heritage and Economic Development</i> '
7	Belgrade, Serbia	29-31/05/2012	3 <sup>rd</sup> Int'l Geosci. Student Conf.. Chairperson during the Section 'Environmental issues'

## Contributed Talks

Place	Date	Event	Speech
Netherlands	20/06/2013	Groningen Energy Summer School	The hydro energy system of Central Asia: Effects from glacier retreat and geopolitics
Netherlands	18/06/2013	Groningen Energy Summer School	How could obligation chain be structured along cross-border gas supply for gas security: 3-tier legal interactions
Taipei	22/05/2013	Seminar at National Taiwan University (NTU)	Using <i>K-means</i> algorithm classifier for urban landscapes classification in Taipei area, Taiwan
Taipei	10/05/2013	Seminar at NTU	Russia. Moscow. Society, culture, geography.
Belgium	03/10/2012	Université libre de Bruxelles	Urban sprawl in Estonia. Joint seminars on Geospatial Analysis, Ecology & Epidemiology



WORK  
HISTORY

## Visiting Scholar

**CzechGlobe.** České Budějovice. 03-08.2014. Division of Ecosystems Analysis. Using QGIS for the envir. analysis of the Šumava National Park. Spatial analysis of the regional biodiversity in mountain ecosystems, western Bohemian forest. Inspection of the NATURA-2000 areas in the attribute tables, visualization of the geodata. **Results: 8 items in a research project.**



**National Taiwan University.** Taipei. 04-05.2013. Dept. of Geography. Understanding spatiotemporal changes in the urban sprawl of the Taipei city using GIS/RS techniques. ENVI GIS for image processing: Landsat TM/ETM+ scenes, k-means clustering. Thematic mapping for detecting landscape and socio-envir. dynamics and uneven urban growth in different parts of Taipei since 1990. **Results: 7 items in a research project.**

China

**Ege Üniversitesi.** 11-12.2012. Coğrafya Bölümü (Faculty of Geography). Spatial GIS analysis of the land use changes in the Izmir surroundings, Eastern Turkey. Landsat TM, Erdas Imagine. Environmental change detection: overlay of geodata (maps, satellite images, DEMs) using cartographic methods to compare changes in landscape patterns (1990 – 2010). **Results: 10 items in a research project.**

Turkey, Izmir

**Université libre de Bruxelles.** 09-10.2012. Unité Analyse Géospatial. Object based image analysis (OBIA) by eCognition. Assessment of the uneven rates of the urban growth by raster VHR image segmentation. Mapping the city of Brussels to detect land cover change and building aggregation in various parts of the city. **Results: 4 items in a research project.**

Belgium, Brussels

**Univerzita Mateja Bela v Banskej Bystrici.** , 07-08.2012. Fakulta prírodných vied. Calculation of the landscape metrics (patch size, density and shape) for the NATURA 2000 protected areas: ecological significance for the habitats by patch quantification. **Results: 4 items in a research project.**

Slovakia, Banská Bystrica

**Eötvös Loránd University.** 01-04.2012. Faculty of Informatics, Dept. of Cartography & GIS. Research focus: Mapping landscape dynamics and land cover changes of the Transdanubian Hills and Mecsek Hills aimed at the spatio-temporal analysis of the land degradation by clustering Landsat TM satellite images using classification methods of the ILWIS GIS. **Results: 7 items in a research project.**

Hungary, Budapest

**University of Lapland.** 07-12.2011. Arctic Centre. Mapping land cover changes of the Arctic tundra, Yamal peninsula. Spatio-temporal comparative analysis of the Landsat TM images classified by the ILWIS GIS. Collecting, management and organizing of the geographical and envir. data of the Lappish ecosystems into the GIS-project, ArcGIS. **Results: 12 items in a research project**

lived in Arctic,  
Polar Circle,  
Santa Village  
(66°N)

Finland, Rovaniemi

**University of Kuopio (Eastern Finland).** 06-09.2009. Dept. of Environmental Sciences. Database administration: ArcCatalog. Geochemical environmental database manage. Updating and organizing data in tables: measured fluxes of the chemical elements. Data management and administration: environmental analysis of the lakes, forests and swamp ecosystems in Finland: bioecological and chem. data on concentrations of the envir. pollutants: heavy metals, pesticides, gases (CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, NO), oil concentrations, phenols. **Results: 2 items in a project**

Finland, Kuopio

**Alfred-Wegener-Institut für Polar- und Meeresforschung.** 10.2007-03.2008. Dept. of the Marine Geology and Palaeontology. Digital mapping, conversion maps: raster 2 vector using AutoTrace digitizer: Pechora and Barents Seas. Writing a paper for Hydrographische Nachrichten Journal. **Results: 2 items in a research project**

Germany, Bremerhaven

**Alfred-Wegener-Institut für Polar- und Meeresforschung.** 01-02.2006 and 04-06.2006. Bathymetry and Geodesy Research Group. Pre- and post-expedition work based on the Antarctic cruise ANT/XXIII-4. Geological features of the Antarctic Peninsula. Data management and organizing: ArcGIS. **Results: 7 items in a research project.**

Germany, Bremerhaven

have been to  
Antarctica

**Antarctic Polar expedition ANT/XXIII-4**, 02-04.2006, Pacific Ocean / Chile. *Cartographer onboard the R/V "Polarstern"*. Cartographic assistance during the cruise. Sonar data processing: Multibeam System Hydrosweep DS-2. Geodata conversion and integration (Caris HIPS, ArcGIS). Bathymetric mapping of the Antarctic: Amundsen Sea Embayment Trough, Bellingshausen Sea, Peter the I Island, Hubert-Miller-Seamounts, Marie Byrd Seamounts, Getz Ice Shelf, Martin Peninsula, Wright Island, Crosson, Thwaites, Pine Island Glacier, Crosgrave, Abbot, Dotson Ice Shelf.

Antarctic

## Job Employment

**Atlas-Print**, retail Dept. **Map Trade**. Russia, Moscow. 04-09.2008. *GIS-Specialist*. Topographic and cadastral mapping. Updating topographic layers using actual aerial imagery: MapInfo 9.5. Actualization and renovation of the Moscow city map, based on the satellite imagery. Making layouts for map publishing.

**Russian Research Institute for Space Device Engineering**. Russia, Moscow. 12.2006-06.2007. *Research Assistant*. Satellite images processing and geo-referencing using RS & GIS. Interpretation of the satellite imagery (SAT's 'Resurs-DK1', 'TERRA'); orthotransformation, rectification, image geometric correction, mosaic images: Erdas Imagine, OrthoNormScan 1.0, Arc GIS.

**Research Centre for Earth Operative Monitoring**. Russia, Moscow. 09-12.2006 *Research Assistant*. Integrating satellite imageries with geo-spatial data sets (digital maps, overlay with vector layers, DEMs). Thematic mapping, image processing, orthotransformation: Arc GIS 9.1, Erdas Imagine 8.7.

**Land Agroindustrial Corporation ZNAK**. Russia, Moscow. 08-09.2006. *Specialist in Land Cadastre*. Creating Geodatabase aimed at cadastral GIS project using GeoMedia 6.0. Maps for land and agricultural management departments.

**Lomonosov Moscow State University**, Faculty of Geography. Russia, Moscow. 09-12.2005. *Engineer*. Thematic mapping, data processing, envir. analysis of the Barents Sea by Arc View 3.2.a & Map Info 6.5.

**Khimki Municipal Cadastral Centre**. Russia, Khimki. 09.2004 - 04.2005. *Cartographer*. Editing topographic maps of the Khimki city by AutoCAD Map2005.

**Ltd Svean**. Russia, Moscow. 08.1997-09.1998. Office secretary work: copy, type, scan, print.

## Internships

my first  
stay abroad

**Joanneum Research**. Austria, Graz. 06-09.2003. *Student trainee*. Institute of Digital Image Processing. Geo-referencing of the aerial satellite images using Erdas Imagine. Digitizing glacial areas, using satellite imagery; data processing; orthophotomaps, calculation of changed in the ice fields, mapping changes of the glaciers areas. Calculating glacial changes.

**Mapping Production Assoc. MPA Kartografija** Russia, Moscow. 06-08.2002. *Student trainee*. Digitizing and editing political maps using GIS software Panorama.



## Geography Fieldwork

My geographic fieldwork during BSc, MSc studies and internships:




N <sup>o</sup>	Country	Region	Period	Duties
1	Estonia	Baltic Sea, Pärnu	May 2012	Observations of the land use types in the Häädemeeste area
2	Greece	Mediterranean Sea, Crete Island, Heraklion area: Agia Pelagia, Ligaria beach	Sep-Oct 2010	Part of the MSc studies. Data collection. Seagrass monitoring.
3	Poland	Sudety Mts., Krkonoše, Karpacz (Silesia)	July 2010	Environmental monitoring of the mountainous areas. Image processing for the land use change detection.
4	Poland	Białowieża National Reserve Forest	July 2010	Ecological monitoring of the land use types.
5	Poland	Biebrza National Park, Masurian Lakeland (Giżycko, Grajewo)	June 2010	Environmental monitoring of the wetlands.
6	Antarctica	South Pacific Ocean, Amundsen Sea, Bellingshausen Sea	Feb-Apr 2006	Sonar data capture: acoustic deep-sea multibeam echo-sounder Hydrosweep DS; bathymetric mapping: CARIS HIPS; seafloor relief data processing & management: ArcGIS
7	Russia	Chashnikovo, Moscow Region	July 2005	Teacher of Geodesy at the B.Sc. summer Geogr. fieldwork. Lomonosov MSU, Faculty of Soil Sciences.
8	Russia	Black Sea, North Caucasus, Gendzhik	July 2001	Interpretation of the aerial images for the geospatial analysis of the land cover types in Caucasus.
9	Russia	Apatity, Khibiny Mts., Kola Peninsula	June 2001	Geodetic land survey (theodolite, tacheometry, GPS); topographic mapping
10	Russia	Moscow region, Satino, East European Plain	Jun-Sep 2000	Geomorphol. observations, geodetic measurem.: theodolite, tacheometry, GPS); topographic mapping, land use studies, soil, meteorol. & hydrological measurements.

## Archaeological

N <sup>o</sup>	Place	Date	Institution	Duties
1	Cyprus Island, Paphos, Kissonerga	31.07-14.08.2013	Heritage & Archaeological Research Practice. Experimental archaeology: Mediterranean Middle East, Bronze Age.	Survey: dumpy level, drawing elevations, offsetting. Excavation: shovel, brush, pickaxe, bucket; Artefact recording, sampling, sieving, organizing
2	Russia, Vybuty Churchyard	09-13 July 2013.	Archaeological Center of Pskov Region. Estonia-Latvia-Russia cross border cooperation program.	Open area excavation: site clearing, gridding, shoring, digging, leveling, cleaning artifacts. Settlement AD X-XVII.








## Theses


- [T.3] P. Lemenkova. “Seagrass Mapping and Monitoring Along the Coasts of Crete, Greece”. ZENODO: 2290319. LSN: 16500. M.Sc. (Master’s) Thesis. Univ. of Twente, Faculty of Earth Observation and Geoinformation (ITC), Mar. 2011. DOI: 10.13140/RG.2.2.16945.22881. DOI: 10.6084/m9.figshare.7434179.v1. 
- [T.2] P. Lemenkova. “Using ArcGIS in Teaching Geosciences”. Russian. LSN: 16496. B.Sc. Thesis. Lomonosov MSU, Faculty of Educational Stud., 2007. DOI: 10.13140/RG.2.2.12357.70885. DOI: 10.6084/m9.figshare.7434176.v1. 
- [T.1] P. Lemenkova. “Ecological Mapping of Barents and Pechora Seas”. Russian. ZENODO: 2290441. B.Sc. Thesis. Lomonosov MSU, Faculty of Geography, Dept. of Cartography and Geoinformatics, June 2004. DOI: 10.13140/RG.2.2.25360.05122. DOI: 10.6084/m9.figshare.7434173.v1. 

## Journal Articles



- [A.11] P. Lemenkova. “Factor Analysis by R Programming to Assess Variability Among Environmental Determinants of the Mariana Trench”. In: *Turkish J. of Maritime and Marine Sciences* 4 (2 Dec. 2018). SSRN: 3296819. HAL: 01948977. DERGIPARK: 485545. ZENODO: 2094101. LSN: 16493, pp. 146–155. ISSN: 2564-7016. DOI: 10.6084/m9.figshare.7358207. arXiv: 1812.00989v1 [physics.geo-ph]. URL: <http://edergi.odu.edu.tr/ojs/index.php/JMMS/article/view/426>. 
- [A.10] P. Lemenkova. “R scripting libraries for comparative analysis of the correlation methods to identify factors affecting Mariana Trench formation”. In: *J. of Marine Technol. and Envir.* 2 (Nov. 2018). Ed. by M. Panaitescu and F. Memet. SSRN: 3266317. ZENODO: 2145302. LSN: 16494, pp. 35–42. ISSN: 1844-6116. DOI: 10.6084/m9.figshare.7434167. arXiv: 1812.01099 [physics.geo-ph]. URL: <http://cmu-edu.eu/jmte>. 
- [A.9] M. Klauco, B. Gregorová, P. Koleda, U. Stankov, V. Markovic, and P. Lemenkova. “Land Planning as a Support for Sustainable Development Based on Tourism: A Case Study of Slovak Rural Region”. In: *Environmental Engineering and Management J.* 16.2 (2017). ZENODO: 2221500. LSN: 16597, pp. 449–458. ISSN: 1582-9596. DOI: 10.30638/eej.2017.045. URL: <http://www.ecozone.ro/reviste.php?revista=12&volum=57&numar=174&RID=1199>. DOI: 10.6084/m9.figshare.7439198.v2.
- [A.8] P. Lemenkova. “Industrial Water Discharge Into the Izmir Bay: Environmental Threats to the Local Ecosystems”. In: *Nauka. Nauchno-proizvodstvenniy zhurnal* 4.1 (Feb. 2016): *Dulatov Readings - 2015. Science and Innovation: Strategic Priorities of the Develop. of the Governmental Economics. Biological Sci.* Ed. by S. B. Ismuratov, A. A. Muratov, and V. L. Astafiyev. ZENODO: 2183388. LSN: 16536, pp. 8–12. ISSN: 1684-9310. DOI: 10.6084/m9.figshare.7210247. HAL: hal-01964404. 
- [A.7] P. Lemenkova. “Smart Seafloor Mapping in Real Time Regime Using Deep-Sea Multi-beam Echosounder Hydrosweep DS”. Russian. In: *Bulletin MGTU MAMI* 5.4 (26 Dec. 2015): *Economics and Management. Social and Human Sci.* Ed. by A. V. Nikolaenko. ZENODO: 2159323. LSN: 16537, pp. 23–27. ISSN: 2074-0530. DOI: 10.6084/m9.figshare.7434185. URL: <https://elibrary.ru/item.asp?id=25449856>. 
- [A.6] P. Lemenkova. “Thematic Information Clusters for Integrated GIS Mapping of the Marine Ecosystems”. Russian. In: *Bulletin of the YugraSU* S2.37 (Nov. 2015): *The 6th Technology Structure. Mechanisms & Perspectives of the Develop.* Ed. by T. D. Karminskaya, V. V. Bystrov, and A. V. Vokhmintsev. LSN: 16564, pp. 48–50. ISSN: 1816-9228. DOI: 10.6084/m9.figshare.7439222. URL: <https://elibrary.ru/item.asp?id=24989152>. 


- [A.5] P. Lemenkova. “Modelling Landscape Changes and Detecting Land Cover Types by Means of Remote Sensing Data and ILWIS GIS”. In: *Bulletin of the Ufa State Petroleum Technological Univ.* 1.2 (May 2015): *Information Technologies. Problems and Solutions*. Ed. by F. U. Enikeev. LSN: 16596, pp. 265–271. ISSN: 2500-2996. DOI: 10.6084/m9.figshare.7439219. URL: <https://elibrary.ru/item.asp?id=28416940>. DOI: 10.5281/zenodo.2309529. 
- [A.4] M. Klauco, B. Gregorová, U. Stankov, V. Markovic, and P. Lemenkova. “Determination of ecological significance based on geostatistical assessment: a case study from the Slovak Natura 2000 protected area”. In: *Cent. Eur. J. Geosci.* 5.1 (2013). ZENODO: 2309861. LSN: 16497, pp. 28–42. ISSN: 1896-1517. DOI: 10.2478/s13533-012-0120-0. URL: <https://www.degruyter.com/view/j/geo.2013.5.issue-1/s13533-012-0120-0/s13533-012-0120-0.xml?format=INT>. DOI: 10.6084/m9.figshare.7439225.v1. 
- [A.3] H. W. Schenke and P. Lemenkova. “Zur Frage der Meeresboden-Kartographie: Die Nutzung von AutoTrace Digitizer für die Vektorisierung der Bathymetrischen Daten in der Petschora-See”. German. In: *Hydrographische Nachrichten* 25.81 (June 2008). RG: 328996638. ZENODO: 2158076. LSN: 16496, pp. 16–21. ISSN: 0934-7747. DOI: 10.6084/m9.figshare.7435538.v2. HAL: hal-01964403. 
- [A.2] S. Gauger, G. Kuhn, K. Gohl, T. Feigl, P. Lemenkova, and C. Hillenbrand. “Swath-bathymetric mapping”. In: *The expedition ANTARKTIS-XXIII/4 of the Res. Vessel 'Polarstern' in 2006. Berichte zur Polar- und Meeresforschung = Rep. on Polar and Marine Res.* 557 (2007). Ed. by K. Gohl. ZENODO: 2319967. LSN: 16498, pp. 38–45. ISSN: 1618-3193. DOI: 10.6084/m9.figshare.7439231. URL: <https://www.coldregions.org/vufind/Record/288392>. DOI: 10.5281/zenodo.2319967. 
- [A.1] I. Suetova, L. Ushakova, and P. Lemenkova. “Geoinformation mapping of the Barents and Pechora Seas”. In: *Geogr. and Nat. Res.* 4 (2005). Ed. by V. A. Snytko. ZENODO: 2159165. LSN: 16499, pp. 138–142. ISSN: 1875-3728. DOI: 10.6084/m9.figshare.7435535. URL: [http://www.izdatgeo.ru/journal.php?action=output&id=3&lang\\_num=2&id\\_dop=68](http://www.izdatgeo.ru/journal.php?action=output&id=3&lang_num=2&id_dop=68). 

## Periodicals








- [P.1] *Geospatial Technology for Land Cover Analysis. Middle East and Africa (MEA) Geospatial Digest* (Nov. 2013). ZENODO: 2309997. LSN: 16538. DOI: 10.6084/m9.figshare.7439228. URL: <https://www.geospatialworld.net/article/geospatial-technology-for-land-cover-analysis/>. 

## Technical Reports

- [TR.3] K. Gohl, G. Uenzelmann-Neben, G. Eagles, A. Fahl, T. Feigl, J. Grobys, J. Just, L. V., N. Lensch, C. Mayr, N. Parsiegla, N. Rackebrandt, P. Schluter, S. Suckro, K. Zimmermann, S. Gauger, H. Bohlmann, G. Netzeband, and P. Lemenkova. *Deep crustal refraction and reflection seismics. Crustal and sedimentary structure and geodynamic evolution of the West Antarctic continental margin and Pine Island Bay*. Expedition program №75 of ANT-XXIII/4 Cruise 11-12. Germany, Bremerhaven: AWI for Polar & Marine Res., 2006, pp. 20–30. DOI: 10.6084/m9.figshare.7439243. URL: [https://epic.awi.de/29852/1/PE\\_75.pdf](https://epic.awi.de/29852/1/PE_75.pdf). 
- [TR.2] G. Kuhn, C. Hass, M. Kober, M. Petitat, T. Feigl, C. D. Hillenbrand, S. Kruger, M. Forwick, S. Gauger, and P. Lemenkova. *The response of quaternary climatic cycles in the South-East Pacific: development of the opal belt and dynamics behavior of the West Antarctic ice sheet*. ZENODO: 2319820. LSN: 16565. Germany, Bremerhaven, 2006. DOI: 10.13140/RG.2.2.11468.87687. URL: [https://epic.awi.de/29852/1/PE\\_75.pdf](https://epic.awi.de/29852/1/PE_75.pdf). DOI: 10.6084/m9.figshare.7439237.v1. 










- [TR.1] K. Gohl, G. Uenzelmann-Neben, G. Eagles, A. Fahl, T. Feigl, J. Grobys, J. Just, V. Leinweber, N. Lensch, C. Mayr, N. Parsiegla, N. Rackebrandt, P. Schloter, S. Suckro, K. Zimmermann, S. Gauger, H. Bohlmann, G. L. Netzeband, and P. Lemenkova. *Crustal and Sedimentary Structures and Geodynamic Evolution of the West Antarctic Continental Margin and Pine Island Bay*. ZENODO: 2320230. LSN: 16566. Germany, Bremerhaven, 2006. DOI: [10.13140/RG.2.2.16473.36961](https://doi.org/10.13140/RG.2.2.16473.36961). URL: [https://epic.awi.de/29852/1/PE\\_75.pdf](https://epic.awi.de/29852/1/PE_75.pdf). DOI: [10.6084/m9.figshare.7439234.v2](https://doi.org/10.6084/m9.figshare.7439234.v2). 

## Conference Proceedings









- [CP.89] P. Lemenkova. “Hierarchical Cluster Analysis by R language for Pattern Recognition in the Bathymetric Data Frame: a Case Study of the Mariana Trench, Pacific Ocean”. In: *Virtual Simulation, Prototyping and Industrial Design*. Proc. 5<sup>th</sup> Int’l Sci.-Pract. Conf. Issue 5 (Tambov State Technical Univ. (TSTU), Nov. 14–16, 2018). Ed. by M. N. Krasnyansky. Vol. 2. SSRN: 3307935. ZENODO: 2528899. LSN: 16655. Tambov, Russia: TSTU Press, pp. 147–152. ISBN: 978-5-8265-1997-4. DOI: [10.6084/m9.figshare.7531550](https://doi.org/10.6084/m9.figshare.7531550). HAL: [hal-01974752](https://hal.archives-ouvertes.fr/hal-01974752). URL: <http://go.tstu.ru/meroprijatija.php?id=46&lang=ru>. 
- [CP.88] P. Lemenkova. “Chemical Pollution of Coastal Waters in the Izmir Bay, Aegean Sea”. In: *Biodiversity and Evolution*. Proc. Int’l Sci. Conf. on acad. O.G. Kusakin (A. V. Zhirmunsky Institute of Marine Biology, Far Eastern Branch of Russian Academy of Sci. Oct. 4–5, 2016). ZENODO: 2290741. LSN: 16539. Russia, Vladivostok, pp. 121–126. DOI: [10.6084/m9.figshare.7210214](https://doi.org/10.6084/m9.figshare.7210214). URL: [http://www.imb.dvo.ru/files/Kusakin\\_Conf\\_2016\\_Programme\\_and\\_Abstracts.pdf](http://www.imb.dvo.ru/files/Kusakin_Conf_2016_Programme_and_Abstracts.pdf). 
- [CP.87] P. Lemenkova. “The Evolution of Aristotle’s Views on the Problem of Man and Environment”. Russian. In: *Aristotle’s Research and Its Modern Interpretation*. Proc. 2400<sup>th</sup> Anniv. of Aristotle’s Birth Int’l Conf. (Voronezh State Agricultural University (FGBOU VO VG AU), May 18, 2016). Ed. by V. N. Plaksin. LSN: 16540. Russia, Voronezh, pp. 144–158. ISBN: 958-5-72-670886-7. DOI: [10.6084/m9.figshare.7207583.v3](https://doi.org/10.6084/m9.figshare.7207583.v3). HAL: [hal-01986701](https://hal.archives-ouvertes.fr/hal-01986701). 
- [CP.86] P. Lemenkova. “Bibliographic Resources and Data for Ecology Seminars”. Russian. In: *Ecological and Biological Issues of Use of Natural Resources in Agriculture*. Proc. Int’l Conf. of Young Researchers (FGBNU UrNIVI, May 14–17, 2016). Ed. by I. M. Donnik. ZENODO: 2290583. LSN: 16541. Russia, Yekaterinburg: Uralskoe izd-vo FGBNU UrNIVI, IRA UTK, pp. 3–8. DOI: [10.6084/m9.figshare.7210223](https://doi.org/10.6084/m9.figshare.7210223). 
- [CP.85] P. Lemenkova. “Flow Direction and Length Determined by ArcGIS Spatial Analyst and Terrain Elevation Data Sets”. In: *Priority directions of the development of young research farmers in modern science*. Proc. 25<sup>th</sup> Anniv. of Caspian Res. Inst. of Arid Agriculture of the Russ. Academy of Agricultural Sci. (PNI IAZ RAAS) Conf. of Young Scientists (PNI IAZ RAAS, May 11–13, 2016). Ed. by N. A. Shherbakova and A. N. Bondarenko. ZENODO: 2295500. LSN: 16542. Russia, Astrakhan region, Chernoyarskiy area, Solenoe Zaymishche: FGBNU PNI IAZ, pp. 579–583. ISBN: 978-5-9908130-2-1. DOI: [10.6084/m9.figshare.7210217](https://doi.org/10.6084/m9.figshare.7210217). HAL: [hal-01972892](https://hal.archives-ouvertes.fr/hal-01972892). URL: <https://elibrary.ru/item.asp?id=27445174>. 
- [CP.84] P. Lemenkova. “Geodata Management for the Environmental Assessment: a Case Study of Central Finland”. In: *Dalnevostochnaja vesna - 2016*. Proc. 14<sup>th</sup> Int’l Conf. ‘Problems of Ecology and Safety’ (KnAGTU, Apr. 28, 2016). Ed. by I. P. Stepanova and G. E. Nikiforova. SSRN: 3312539. ZENODO: 2181799. LSN: 16546. Komsomolsk-on-Amur, Russia: KnAGTU Press, pp. 29–31. ISBN: 978-5-7765-1242-1. DOI: [10.6084/m9.figshare.7210226](https://doi.org/10.6084/m9.figshare.7210226). URL: <https://elibrary.ru/item.asp?id=28430575>. 
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A. G. Toxopeus	Assoc. Prof. Dr.	Netherlands	University of Twente, Faculty of GIS and Earth Observation
P. Pilesjö	Prof. Dr. Dir.	Sweden	Lund University, GIS Centre, Dept. of Phys. Geogr. and Ecosystem Science
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N. J. Kuhn	Prof. Dr.	Switzerland	University of Basel, Dept. of Environmental Sciences
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A little bit of my personality and what I ♥ doing :

- ✓ ✈, 🚗, 🚝, 🚆, 🌐 the world (Frequent Traveller Silver Status @Miles&More, 2014).
- ✓ Surf the 🌐; watch 📺; read 📖; learn 🌐
- ✓ History, ancient civilizations, archaeology
- ✓ Listen to the 🎵, culture, theatres, museums, art galleries
- ✓ Doing 🍷, drinking 🍷 in the old city centers
- ✓ Spending time with my family and sharing my hobbies with them

