

Teaching Philosophy: Engage Students to Empower Learning

### **HIGHLIGHTS OF QUALIFICATIONS**

- ✓ PhD in Geography from St. Petersburg State University, Russian Federation
- ✓ Highly motivated, energetic educator and advisor with an extensive experience in higher education
- ✓ Proficient in written and oral communication: wrote and presented papers, project proposals and reports
- ✓ Recognized with the National Council for Geographic Education award for the 2019 best content article
- ✓ Awarded with the Quality Matters Certificate for the design of Intro to Human Geography Online Course
- ✓ Awarded with the Certificate of Merit for Exemplary Work at Saint Petersburg State University, Russia
- ✓ Directed the PPCC TIMSGeoTech project, that was funded through the NSF award DUE-0902511

### **Key Skills & Experience**

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#### ***Instruction***

- Developed and instructed cultural, human, and physical geography courses
- Worked with diverse populations in seven countries
- Reviewed and adopted geography textbooks and lab manuals
- Developed the Physical Geography: Landforms lab manual that is delivered free of charge to PPCC students via D2L
- Created the World Regional Geography map packet available at the PPCC Bookstore
- Created activities and discussion boards to facilitate different styles of student learning
- Taught courses in different formats: traditional lecture, online, weekend, hybrid, intense, and in the field
- Designed, recorded, and delivered video tutorials for online Human Geography course
- Participated in the AP Human Geography national assessment
- Participated in the PPCC World Regional Geography assessment
- Provided individual and group assistance to more than 100 students a semester

#### ***Administration & Advising***

- Managed the interdisciplinary Department of Young Scientists at St. Petersburg State University, supervised staff and 15 student volunteers in 1997-2001
- Developed more than 15 grant funded educational projects, wrote reports, and prepared budgets, always met deadlines
- Managed the Climatology and Meteorology Department internship program at St. Petersburg State University in 1994-2002
- Directed the PPCC TIMSGeoTech project, developed curriculum, established internships, and recruited high school students into the GIS program in 2009-2011
- Designed and Coordinated the PPCC GIS Student Ambassador program
- Advised students on choice of academic programs, internships and transfer opportunities appropriate to one's interests and abilities
- Enabled approximately 55 students in receiving scholarships
- Helped define career goals and understand current labor market trends and resources
- Established strong partnerships with high school counselors and high school teachers
- Participated in career fairs, communicated with workforce offices, made presentations and maintained an educational booth to advertise the PPCC Geography programs

#### **Education**

**1989**

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**Ph.D. in Geography.** Graduated from Saint Petersburg State University, Saint Petersburg, Russia. Dissertation: The General Circulation of the Atmosphere and Its Impact on Regional Climate Change Indicators.

**1985**

**M.S.** Graduated With Great Honors from Saint Petersburg State University, Saint Petersburg, Russia. Studied: Earth Sciences/Geography – 35.5 semester credits; Climatology/ Meteorology/Oceanography – 63 semester credits; Sciences – 31.5 semester credits; Social Studies – 23 semester credits. Thesis: Seasonal Changes of Geo-potential Gradients and the Atmosphere Circulation. **GPA:** 3.79.

## Computer Skills

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Canvas D2L	MS Office/ Adobe WebCT	ArcGIS Blackboard	Netscape Internet Explorer/ Mozilla
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## EMPLOYMENT HISTORY

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5/05-current	Assistant Professor Research and Lecturer	Geography and Environmental Studies Department at University of Colorado Colorado Springs. <u>Taught</u> <i>Human Geography, World Regional Geography, Physical Geography: Landforms, and Climate and Weather.</i>
5/05-12/22	Geography Instructor	Pikes Peak Community College, Colorado Springs, CO. <u>Taught</u> <i>World Regional, Human, and Physical Geography.</i>
8/09-7/11	Director	"A Pilot Project to Implement a Tiered Internship Model for Students in Geospatial Technology (TIMSGeoTech)," Pikes Peak Community College, Colorado Springs, CO
1/07-5/10	Adjunct GIS Instructor	Pikes Peak Community College, Colorado Springs, CO. <u>Taught</u> <i>GPS to GIS, Intro to GIS, Advanced GIS</i>
4/03-1/10	Adjunct Geography Instructor	Montana State University, Bozeman, MT. <u>Taught</u> <i>Global Warming, Climate Change and Our Environment.</i>
1/03-7/03	Research Assistant II	Montana State University, Bozeman, MT
1/94-7/02	Associate Professor	St Petersburg State University, St Petersburg, Russia. <u>Taught</u> <i>Global Change, Climate and Weather, Synoptic Meteorology and Weather Forecasting, Methods of Statistical Analysis, Environmental Monitoring and Analysis, and Methods and Instruments in Weather Observation.</i>
9/01-1/02	Junior Researcher	Central European University, Budapest, Hungary
1/99-12/01	Department Head, part-time	Young Scientists' Department, St Petersburg State University, St Petersburg, Russia
9/94-11/94	Postdoctoral Fellow	Masaryk State University, Brno, Czech Republic
1/90-1/94	Assistant Professor	St Petersburg State University, St Petersburg, Russia.

## Certifications/Awards

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11/20-6/22	Library of Congress Teaching with Primary Sources Program	Granted funding by Western Region Consortium Member at MSUD for <i>Remote Teaching of Earth and Environmental Science with Primary Sources</i> project
11/19	National Council for Geographic Education	Award for the 2019 best content article
12/15	Quality Matters Program	Certificate of Recognition
4/15, 8/13 2014	El Pomar Foundation UCCS	Leadership Plenty Workshop, Board Governance Online Course Enhancement Grant Recipient
9/12-10/12	PPCC	Managing Online Discussions
9/11-12/11	UCCS	Integrating Writing Across the Curriculum, Fellow
2009-2011	National Science Foundation	Granted funding for the PPCC TIMSGeoTech project
2002, 2001, 1998	Central European University, Budapest, Hungary	Received grants to participate in Environmental Sciences and Policy sessions
1997-2001	The Russian Federation Program on Integration of the Higher Education and Science	Received awards for administration of Young Scientists' Research Program at Saint Petersburg State University
2000	Saint Petersburg State University, Russia	Certificate of Merit for Exemplary Work
1993	Lund University, Sweden	International Environmental Summer School

## Community Service

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9/13-present	College Readiness Success program, El Pomar Foundation; Ambassador
04/13-present	Asian American Advisory Council, El Pomar Foundation; Member

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08/2011 Developed and presented a class on Geography of Russia and NIS at REECA, camp for adoptive families  
 10/02-05/05 Montana Center for International Visitors, Bozeman, MT; Russian Liaison  
 4/90-12/01 Young Scientists' Council, Saint Petersburg State University; Chair

### Professional Membership

4/03-current Association of American Geographers, USA  
 1/07-12/11 Member of the PPCC GIS Advisory Board  
 1/90 – 1/01 Academic Council, Saint Petersburg State University

### Published Works

- Kopteva, I. (2022, June 8). *Developing Cross-Curricular Activities for Remote Teaching of Earth and Environmental Science with Primary Sources from the Library of Congress*. Proceedings & Programs STEM/STEAM Education Conference. ISSN #2333-4908. <https://huichawaii.org/ssec/proceedings-programs/>
- Kopteva, I. (2021) Chapter 11: Geographical Analysis of Streaming Video's Power to Unite and Divide. In P.C. Adams and B. Warf (eds.) *Handbook on Media Geographies*. London and New York: Routledge.
- Kopteva, I. (2018) Humanizing Human Geography Online: The Quality Matters Journey. *The Geography Teacher*. 15 (2): 80-91. <https://doi.org/10.1080/19338341.2017.1417880>
- Kopteva, I., Arkowski, D., & Craft, E. (2015). Tiered Internship Model for Undergraduate Students in Geospatial Science and Technology. *The Community College Journal of Research and Practice*. 39 (1): 34-43.
- Kopteva, I. & Arkowski, D. (2011) TIMS GeoTech: Tiered Internship Model for Students in Geospatial Technology. [Abstract]. *Broadening Impact: NSF-Funded Projects at Two-Year Colleges Conf., American Association of Community Colleges, 16-17 June 2011, p.29*.
- Kopteva, I. (2011, 23 April). The TIMS GeoTech Goes to High School. *Geotechcenter.org*. <http://www.geotechcenter.org/Resources/Resource-Center/Best-Practices/Tiered-Internship-Model-Project>
- Kopteva, I. & Arkowski, D. (2009) Award Abstract #0902511. A Pilot Project to Implement a Tiered Internship Model for Students in Geospatial Technology (TIMSGeoTech). *National Science Foundation News*. [http://www.nsf.gov/awardsearch/showAward.do?AwardNumber=0902511&WT.z\\_pims\\_id=5464ERE](http://www.nsf.gov/awardsearch/showAward.do?AwardNumber=0902511&WT.z_pims_id=5464ERE)
- Kopteva, I. (2008, June 18). The Southern Colorado Geospatial Initiative (SCoGI). *IGETT*. [http://igett.delmar.edu/08/Cohort1/Marketing\\_Development/Articulation/InternsModel\\_Kopteva\\_18June2008.ppt](http://igett.delmar.edu/08/Cohort1/Marketing_Development/Articulation/InternsModel_Kopteva_18June2008.ppt)
- Kopteva, I., Mnatsakanjan, R., & Cherp A. (2003). Economic Transition and Environmental Sustainability: Effects of Economic Restructuring on Air Pollution in the Russian Federation. *Journal of Environmental Management, UK, Vol. 68, Issue 2*, 141-151.
- Kopteva, I. (1999). The Environmental Sciences and Policy Session at Central European University. *Journal of St. Petersburg State University*, No. 11, 3478--3479.
- Kopteva, I. (1998). Promotion of the Young Researchers' Projects at Saint-Petersburg State University: Programs. *Journal of St. Petersburg State University*, No.10, 3477.
- Kopteva, I. (1997). Ozone Anomalies and Climate Characteristics: Interrelations. *Magazine of St. Petersburg State University*, No.7, issue 1, 15-19.
- Kopteva, I. (1996). The Young Scientist's Council: Problems and Perspectives. *Journal of St. Petersburg State University*, No. 22, 2416-2418.
- Kopteva, I. & Kljagina, L. (1990). The Indicators of Atmosphere Circulation and the Total Ozone in the Northern Hemisphere Air Masses: Inter-connections. *Magazine of Main Geophysical Observatory at St. Petersburg*, No.531, 60-65.
- Kopteva, I., Bezugly, I., & Mazur, L. (1988). The General Atmospheric Circulation in the Northern Hemisphere: Spatial and Seasonal Changes. *Magazine of St. Petersburg State University*, No.7, issue 4, 17-24.

### Editor of Annual Serial Proceedings:

Kopteva, I. & Tsyb, A. (Eds.). (1998, 1999, 2000, & 2001). *Proceedings of the 8, 9, 10, and 11th International Conferences "Man, Nature, Society: Actual Problems,"* St. Petersburg, Russia: St. Petersburg State University.