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EDUCATION

- 1991-1995 Ph.D. (Geography), University of Washington
1987-1990 Ph.D. equivalent (Candidate of Geographic Sciences), Institute of
Geography, USSR Academy of Sciences, Moscow, Russia
1980-1985 M.A. in geography, Moscow State University, Moscow, Russia

PROFESSIONAL EXPERIENCE

- Mar. 2000 - present Assistant Research Scientist (pending), San Diego Supercomputer
Center, UC-San Diego.
1997 – Mar. 2000 GIS Staff Scientist, Education Center on Computational
Science and Engineering,
Adjunct Professor, Mathematical and Computer Sciences, San
Diego State University
1995 - 1998 Assistant Professor of Geography, Western Michigan
University, Kalamazoo, MI
1993, 1995 GIS Programmer/Systems Analyst, Schlosser Geographic
Systems, Inc., Seattle, WA
1987 - 1991 Research Scientist, Institute of Geography, USSR Academy of
Sciences, Moscow, Russia
1987 - 1991 Consultant, Software Engineer, Research Center “ROST”,
Small Enterprise “Context”, Moscow, Russia
1985 - 1987 Head of Software Design Group, Associate Economist, Assistant
Economist, State Institute for Urban Planning, Moscow, Russia.

RELATED PUBLICATIONS

- I. Zaslavsky, “A New Technology for Interactive Online Mapping with Vector Markup and XML”. *Cartographic Perspectives*, # 37 (Fall 2000), pp. 12-24, 2000. (in press)
- A. Gupta, I. Zaslavsky, R. Marciano, 2000. “Generating Query Evaluation Plans within a Spatial Mediation Framework”. *Proceedings of the 9th International Symposium on Spatial Data Handling*, August 2000, pp. 8a18 – 8a31.
- I. Zaslavsky, A. Gupta, R. Marciano, C. Baru, 2000. “XML-based Spatial Data Mediation Infrastructure for Global Interoperability”. *Proceedings of the 4th Global Spatial Data Infrastructure Conference*, March 2000. (Available from <http://www.gsdi.org/capetown/program.htm>)
- A. Gupta, R. Marciano, I. Zaslavsky, C. Baru,, 1999. “Integrating GIS and Imagery through XML-Based Information Mediation”. In P. Agouris and A. Stefanidis (Eds.) *Integrated Spatial Databases: Digital Images and GIS*, Lecture Notes in Computer Science, Vol. 1737 (available from <http://www.npaci.edu/DICE/Pubs/>)

Zaslavsky, Ilya. 1997. "Reasoning-Based Strategies for Processing Complex Spatial Queries" *Proceedings of the 1997 ACSM/ASPRS Annual Convention and Exposition* (Seattle, WA, April 7-10), Vol. 5 (Auto-Carto 13), pp. 106-115.

OTHER PUBLICATIONS

Zaslavsky, Ilya, and Naimark, Naum. 1999. "Development of the Urban Planning Cadastre in Russia". In J. Stillwell, S. Geertman, S. Openshaw (Eds.) *Geographical Information and Planning*, Springer-Verlag; pp. 154-169.

Zaslavsky, Ilya, and Baker, Kathleen. 1998. "The Experimental Web-based Interactive Environment in Distance Teaching of GIS and Geographic Data Handling" *Proceedings of the 1998 ACSM Annual Convention and Exhibition* (Baltimore, MD, March 1-5), Vol. 2, pp. 437-446.

Zaslavsky, Ilya. 1995. "Analysis of Association between Categorical Maps in Multi-Layer GIS". *Proceedings of GIS/LIS'95* (Nashville, TN, November 14-16, 1995), Vol. 2, pp. 1066-1074.

Zaslavsky, Ilya, and Craig ZumBrunnen. 1992. "Soviet Urban Geography Since the Time of Perestroika". Epilogue to *Urban Geography in the Soviet Union and the United States*. Lahman, MA: Rowman & Littlefield Publishers, Inc., pp. 203-211.

A. Gupta, B. Ludäscher, M. E. Martone, I. Zaslavsky, 2000. "A System to Integrate Distributed Sources of Heterogeneous Scientific Information". *eSCape Research Gem, Supercomputing Conference* (SC2000), Dallas, Texas, November 2000.

SYNERGISTIC ACTIVITIES

- Microsoft Case Study in Higher Education featuring Zaslavsky's collaborative distance teaching experiment (12/98): <http://www.microsoft.com/education/planning/studies/sandiegosu.asp>
- Designer and lead developer of "Sociology Workbench", a collection of on-line tools for survey data analysis on the Web (1998 – present): <http://edcenter.sdsu.edu>

RECENT COLLABORATORS

Chaitanya Baru (SDSC/UCSD), Amarnath Gupta (SDSC/UCSD), Bertram Ludäscher (SDSC/UCSD), Richard Marciano (SDSC/UCSD), Maryann Martone (UCSD), Keith Pezzoli (UCSD), Kris Stewart (San Diego State University)

GRADUATE ADVISORS

Nicholas Chrisman (University of Washington)
Georgy Lappo (Russian Academy of Sciences)

GRADUATE STUDENT ADVISEES

Debra Alfonso (M.A., 1997), Fahad Alhassan (M.A., 1997),
Lotta Jarnefelt-Burns (M.A., 1997), John Burt (M.A., 1996)– all: WMU Geography Master's program.