

Alex Kudryavtsev

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EDUCATION

PhD Natural Resources, Cornell University (expected 2011)

Committee: Drs. Marianne Krasny (Chair, Natural Resources), Scott Peters (Education), Mark Bain (Natural Resources), and Richard Stedman (Development Sociology)

Dissertation: “Sense of place in urban environmental education”

MS Natural Resources, Cornell University (2006)

Committee: Drs. Marianne Krasny (Chair, Natural Resources), and Joseph Walther (Communication)

Thesis: “Use of computer technologies in dissemination of environmental education programs”

BS Environmental Management, Tomsk State University, Siberia (2001)

Major: Natural Resources and Environmental Protection, Honors Diploma

RESEARCH INTERESTS

I am conducting interdisciplinary research about the impact of civic ecology education programs in the Bronx, New York City, on sense of place in youth. My interests include urban environmental education, community-based environmental restoration, urban social-ecological systems, sense of place, and ecosystem services.

SELECTED COURSEWORK

Research Methods: Qualitative Research Methods, Participatory Action Research, Quantitative Research Methods, Structural Equation Modeling.

Social Dimension: Environmental Strategies, Agriculture/Extension in Developing Countries, Community Education and Development, Pedagogy, Comparative Epistemologies.

Science Dimension: Ecology, Urban Ecology, Agricultural Ecology, Natural Resources, Plant Ecology, Botany, Zoology, Chemistry, Environmental Conservation.

TEACHING EXPERIENCE

Teaching Assistant (Spring 2009) “Society and Natural Resources” course with Dr. Stedman, Department of Natural Resources, Cornell University

- Graded student exams, place journals and other assignments, hold office hours
- Developed and delivered two lectures

Teaching Assistant (Fall 2008) “International Conservation: Communities and the Management of the World’s Natural Resources” course with Dr. Lassoie, Department of Natural Resources, Cornell University

- Designed different tools to evaluate student performance, which accommodated different learning styles
- Graded research papers, held office hours

Teaching Assistant (Spring 2008) “Environmental Conservation” course with Dr. Fahey, Department of Natural Resources, Cornell University

- Developed the curriculum and materials for and conducted weekly discussion section
- Organized field trips and co-organized an environmental exhibition at the Johnson Museum of Art
- Graded research papers

Teaching Assistant (Fall 2008) “Forest Ecology” with Dr. Fahey, Department of Natural Resources, Cornell University

- Graded student research reports, exams, and homework
- Coordinated weekend field trips to forests to Adirondacks Park in NY and White Mountains in NH

Teaching Assistant (Spring 2007) “Environmental Governance” course with Dr. Wolf, Department of Natural Resources, Cornell University

- Developed a plan and conducted weekly discussion sections with undergraduate students
- Held office hours and graded students’ weekly writing assignments

Instructor (2002–2004) “Methods of Environmental Education” course at Tomsk State University, Russia

- Developed the curriculum for this course and delivered lectures
- Organized teaching practicum for university student in public schools

Field Course Instructor (2002–2003) “Environmental Practicum,” Tomsk State University, Department of Environmental Management, Russia

- Developed the curriculum and organized 4-week summer environmental practicum in summer 2002 and 2003 for undergraduate students environmental major in nature reserves and industrial facilities

High School Teacher (2002–2003), Public School #28, Tomsk, Russia

- Taught 10th grade biology and environmental science in indoor and outdoor classes

ARTICLES

Kudryavtsev A., Stedman R., and Krasny M. (2010). Sense of place in environmental education. Manuscript submitted.

Kudryavtsev A., Krasny M., and Walther J. (2010). Dissemination of outreach education programs: in-person and computer-mediated educator training. *Journal of Extension*, accepted for publication.

Kudryavtsev A., Krasny M., Ferenz G., and Babcock L. (2007). Use of computer technologies by educators in urban community science education programs. *Journal of Extension*. October 2007, volume 45, number 5. Available online: <http://www.joe.org/joe/2007october/a2.shtml>.

CONFERENCE PRESENTATIONS

Kudryavtsev A., Stedman R., and Krasny M. (2010). Developing a survey to measure sense of place in youth. MillionTreesNYC, Green Infrastructure, and Urban Ecology: A Research Symposium, March 5-6, 2010, New York City.

Kudryavtsev A., Krasny M., Plewka J., Runfola A-M., Griffin D., Liebowitz A., Guance A., Word C., and Henning D. (2009). Civic ecology education: restoring landscapes and mindscapes in the Bronx. Community Forestry & Environmental Research Partnership Annual Workshop, September 9-13, 2009, St. Helena Island, South Carolina.

Kudryavtsev A., Krasny M., Runfola A-M., Griffin D., Liebowitz A., Plewka J., Archino A., Oliveira S., and Williams A. (2009). Civic ecology education: building sense of place and restoring landscapes in the Bronx. The World Environmental Education Congress, May 10–14, 2009, Montreal, Canada.

Kudryavtsev A., and Krasny M. (2008). Urban environmental education: an avenue towards community-based natural resources management. Community Forestry & Environmental Research Partnership Annual Workshop, September 24-28, 2008, Craftsbury, Vermont.

Kudryavtsev A., Krasny M., Ferenz G., and Weiss J. (2007). Networking among environmental educators in NYC: Current status and desired outcomes. Pre-Conference Research Symposium, the 35th Annual Conference of the North American Association for Environmental Education, Virginia Beach, VA.

Kudryavtsev A., Krasny M., Sitawi J., Doroshenko M., & Usova N. (2007). Blogging across continents: Integrating local and global education. The World Environmental Education Congress, July 2–6, 2007, Durban, South Africa.

- Kudryavtsev A., and Krasny M. (2006). Cost-effectiveness of digital and face-to-face educator training. Pre-Conference Research Symposium, the 35th Annual Conference of the North American Association for Environmental Education, St. Paul, MN.
- Kudryavtsev A., Krasny M., Ferenz G., and Babcock L. (2005). Digital era? No educator left behind! Pre-Conference Research Symposium, the 34th Annual Conference of the North American Association for Environmental Education, Albuquerque, NM.
- Kudryavtsev A., and Krasny M. (2005). The impact of computer-mediated communication on dissemination of environmental education programs. Pre-Conference Research Symposium, the 34th Annual Conference of the North American Association for Environmental Education, Albuquerque, MN.

OUTREACH

Outreach Education Program Coordinator (Fall 2009–Spring 2010) “College Achievement through Urban Science Exploration,” a program helping low-income minority high school students in NYC explore environmental science career track; Cornell University Cooperative Extension-NYC, Henry Street Settlement House, and Cornell Department of Natural Resources (funded by The Teagle Foundation)

- Developed curriculum on research methods and environmental science
- Organized interactive learning sessions and environmental field trips to UNESCO NYC, green buildings, etc.

Website Developer (2006–2009) Cornell University Department of Natural Resources Graduate Student Association website (<http://gsa.dnr.cornell.edu>).

- Designed and updated the website

Web Forum Coordinator (Fall 2006) the Garden Mosaics program, Cornell University.

- Developed and coordinated an internet mediated exchange among environmental education programs implementing Garden Mosaics in the USA and Russia [<http://gm-baltimore-tomsk.blogspot.com>; <http://gm-bronx-tomsk.blogspot.com>]

Computer Technologies Assistant (2005–2006) Cornell University Transnational Learning program.

- Produced online lectures and multimedia presentations for Cornell distant education programs.

Web Forum Coordinator (Summer 2005) the Garden Mosaics program, Cornell University.

- Organized and conducted the Garden Mosaics National Internet Forum among 30 educators from 10 US states and 1 Canadian province (Principal investigator: Dr. Krasny)

Student Exchange Program Manager (2002–2003) Tomsk State University, Russia.

- Organized and managed “Ecology and Environmental Issues in Siberia” exchange summer program for student from Ohio State University at Tomsk State University, International College of Agriculture and Environment (Director: Dr. Karnachuk)

Co-Founder and Member of Council (1996–2004) NGO “Tomsk Environmental Student Organization.”

- Organized environmental action projects, e.g., community greening, cleanups, and
- Participated in wildlife protection: preventing poaching in natural reserves, and monitoring of rare birds
- Wrote environmental articles for regional newspapers and journals
- Conducted various environmental education activities for youth in schools and out-of-school settings
- Organized “Schools of Young Environmental Inspectors” for college students in different Russian regions

PROFESSIONAL AFFILIATION AND DEVELOPMENT

Member, North American Association for Environmental Education (since 2005)

Member, Environmental Education Advisory Council NYC (since 2007)

Internship at UNESCO New York Office (09/2009–04/2010).

- Worked with The URBIS Partnership team designing an international program to support resilience and sustainability in cities, organized youth learning sessions about the urban environment

Urban Environment Program Assistant, Cornell University Cooperative Extension–NYC (2008–2009).

- Organized web development, coordinated environmental outreach programs on Governors Island and Central Park in New York City, developed outreach materials on ecosystem services

Internship at Cornell University Cooperative Extension–NYC (Summer 2007).

- Organized and conducted research about networking among environmental educators
- Helped the Urban Environment Program to conduct environmental education events and professional development workshops for environmental educators

Field Course on International Agriculture and Rural Development in India (Winter 2006).

- Learned about developmental issues in rural India and urban areas, including Chennai, Vijayawada, Hyderabad, Kochi, Calicut, and Mumbai
- Built a network with environmental education organizations Ahmedabad and New Delhi

Internship at Cornell University Cooperative Extension–NYC (Summer 2005).

- Conducted research about use of computer technologies by environmental educators
- Helped to organize the Garden Mosaics workshops in the Bronx

Garden Mosaics workshop, Toronto, Canada (September 2004).

- Helped to organize a workshop during the Annual Conference of American Community Garden Association “Gardens of Diversity: Growing Across Cultures”

Environmental Exchange, The Open World Program, Vermont, USA (September 2003).

- Visited various environmental organizations throughout the state

Junior Member, Russian Academy of Natural Sciences (2002–2004).

Workshop on Theoretical Ecology, Trieste, Italy (April–May 2002).

- Learned about different approaches of environmental research

AWARDS AND FELLOWSHIPS

Community Forestry and Environmental Research Partnership program dissertation fellowship (2009–2010), \$14,409.

The Graduate Field of Natural Resources summer stipend support, Cornell University (2009), \$2,050.

Outstanding Graduate Teaching Assistant in the Department of Natural Resources. The “Golden Apple” award was recycled (2009).

Community Forestry and Environmental Research Partnership program pre-dissertation fellowship (2008)

Cornell University Urban Scholar. Awarded twice (2005, 2007).

Muskie Fellowship to study at Cornell University, American Councils, 3% of competitive applicants awarded (2004–2006).

Russian President Scholarship (2002–2003).

YUKOS Oil Company Scholarships. Awarded twice (2000, 2003).

Tomsk Region Governor Awards in Science and Education. Awarded twice (2000, 2003).

Soros Student Award, Open Society Institute. Awarded three times (1999, 2000, 2001).

Russian Governmental Scientific Scholarship, the Government of Russian Federation (1999–2001).

All-Russian Environmental Olympiads, first place (1999, 2000).

All-Russian contest “Environmentalism of the XXI century,” first place (1999).

GRANTS

William B. Stapp College Student Scholarship. The North American Association for Environmental Education, 2009 (\$340). I declined this scholarship.

Graduate Student Conference Grant from the Cornell University Graduate School to participate at the 5th World Environmental Education Congress, Montreal, Canada (\$230).

Financial Aid Award for participation in “Agriculture in Developing Countries” course field trip in India. International Programs, Cornell University, 2006 (\$2,000).

Computer technologies for science education in NYC communities, research internship at Cornell Cooperative Extension–New York City. The Graduate Research Fellowship in Community Development Policy-Making. Advisors: Krasny M., Ferenz G., 2005 (\$3,000).

Graduate School Scholarship - conference travel support. Cornell University, 2005 (\$450).

William B. Stapp College Student Scholarship. The North American Association for Environmental Education, 2005 (\$400).

- Ecology and Environmental Protection in Siberia: Summer School for Ohio State University students at Tomsk State University. (Program Manager. Project coordinator: Karnachuk R.). Ohio State University, 2003 (\$21,000).
- The School of Environmental Leaders (Trainer. Project coordinator: Doroshenko E.). Tomsk Environmental Protection Committee, 2003 (\$500).
- Travel grant for participation in workshop on theoretical ecology in ICTP, Trieste, Italy (Scholar). UNESCO, 2002 (\$2,000).
- Internet and Environmental Control (Co-manager with Doroshenko E., Mudarisova G., et al.). Siberian Civic Initiatives Support Center, 2002.
- The All-Russian School of Young Environmental Inspectors (Co-manager with Antropova S., Mudarisova G., et al.). Pacific Environmental and Resources Center, USA, 2002 (\$10,000).
- Composing and publishing the reference book "Internet-resources on environmental protection" (Project manager). Tomsk Environmental Protection Agency and American Educational Center in Tomsk, Russia, 2002 (\$300).
- The All-Russian School of Young Environmental Inspectors (Co-manager with Mudarisova G., Varfolomeeva O., et al.). Pacific Environmental and Resources Center, USA, 2001 (\$10,000).
- The All-Russian School of Young Environmental Inspectors (Project manager). Pacific Environmental and Resources Center, USA, 2000 (\$5,000).
- The protection of Black Stork habitats (Participant. Project coordinator: Blinov L.). Charitable donor, UK, 1998-1999 (£857).
- Telecommunications for environmental organizations (Co-manager with Blinov L.). Sacred Earth Network, USA, 1998-2000 (\$500).

PUBLISHED ABSTRACTS IN RUSSIAN

- Kudryavtsev A., Doroshenko M., Krasny M. (2008). International programs to promote education for sustainable development. *On the way to sustainable development: Bulletin of the Russian Centre of Environmental Politics*. Number 46 (pp. 60–61). Moscow, Russia.
- Kudryavtsev A., Doroshenko M., Krasny M. (2006). Implementation of international environmental education programs [in the local context]. *Abstracts of regional conference "Environmental Education: Problems, Experience, Perspectives"* (pp. 81–82). Tomsk, Russia.
- Kudryavtsev A. (2004). The curriculum for "Methods of Environmental Education" course. *Abstracts of the International Conference "Environmental Safety: Nature and Society"* (pp. 140–141). St. Petersburg, Russia.
- Kudryavtsev A., Mydarisora G., Doroshenko E., and Kupressova E. (2004). Cooperation of governmental organizations and NGOs for environmental education. *Abstracts of the International conference "Environmental Safety: Nature and Society"* (pp. 142–143). St. Petersburg, Russia.
- Kudryavtsev A. (2003). Methods of environmental education in high school. *Ecology, environmental protection, natural resource, and environmental management: Study programs* (pp. 210–215). Tomsk, Russia, Tomsk State University.
- Kudryavtsev A., and Schinkin N. (2003). Summer environmental practicum for students at historic and cultural heritage sites. *Environmental problems of protection of historical and cultural heritage: Science articles* (pp. 409-411). Moscow.
- Kudryavtsev A. (2003). The dynamics of schoolchildren's environmental attitudes. *Abstracts of conference of young researchers "Science, technology, and innovation."* Volume 5. Novosibirsk, Russia, 153–154.
- Kudryavtsev A. (2002). *Environmental protection in Tomsk oblast: Reference book*. Edited by Adam A., and Schinkin N. Deltaplan Publishing, Tomsk, Russia. 164 pages.
- Kudryavtsev A. (2002). *References on Environmental Internet-Resources*. Edited by Adam A. Deltaplan Publishing, Tomsk, Russia. 36 pages.

- Kudryavtsev A. (2002). A way to success: combining research, education and outreach. *Abstracts of regional conference "The environment of institutions of higher education as a factor of professional development"* (pp. 109–111). Voronezh, Russia.
- Kudryavtsev A., Schinkin N., and Levasheva Yu. (2002). Environmental education programs in the Larinsky nature reserve. *Abstracts of conference "Natural and cultural landscapes: problems of environment and sustainability"* (264–265). Pskov, Russia.
- Schinkin N., and Kudryavtsev A. (2002). Field practicum for environmental science students, Tomsk State University. *Abstracts of regional conference "Continuous environmental education in regional education"* (p. 33). Tomsk, Russia.
- Lepshina Yu., and Kudryavtsev A. (2002). The experience of implementing non-formal environmental education in Tomsk school #28. *Abstracts of regional conference "Continuous environmental education in regional education"* (pp. 37–38). Tomsk, Russia.
- Kudryavtsev A., Varfolomeeva O., Petuchova T., Mudarisova G., Levutninkas V., and Krinitsina N. (2002). The role of NGOs in non-formal environmental education of schoolchildren. *Abstracts of regional conference "Continuous environmental education in regional education"* (pp. 43–44). Tomsk, Russia.
- Kudryavtsev A., Bubina A., and Kapitonova K. (2002). The modality of schoolchildren's attitudes toward nature. *Abstracts of conference "Environmental Safety"* (p. 77). Yekaterinburg, Russia.

NEWSLETTERS

- Sharapova N. (2010). Study at Cornell, research in New York, roots in Tomsk. *Alma Mater, Tomsk State University newspaper*, 4(2478), p. 8. (http://almamater.tsu.ru/show_story.phtml?nom=2478&s=4237)
- Kudryavtsev A. (2009). Urban environmental education: avenue towards community-based conservation. *Regeneration! Newsletter of the Community Forestry and Environmental Research Partnership Program*, 9(1), pp. 8–9.
- Kudryavtsev A. (2004). Environmental protection: dialogue between citizens and government. *The «Open World Alumni Bulletin»*, Spring issue, pp. 3.

REVIEWING RESPONSIBILITIES

- 2010 Abstract reviewer. The North American Association for Environmental Education Annual Conference and Research Symposium, Buffalo, New York.
- 2009 Abstract reviewer. The North American Association for Environmental Education Annual Conference and Research Symposium, Portland, Oregon.
- 2008 Abstract reviewer. The North American Association for Environmental Education Research Symposium, Wichita, Kansas.
- 2007 Abstract reviewer. The North American Association for Environmental Education Annual Conference and Research Symposium, Virginia Beach, Virginia.

TRANSFERABLE SKILLS

<i>Languages</i>	English:	fluent
	Russian (русский):	native speaker
	Spanish (español):	conversational
	French (français):	conversational
	Chinese (中文):	studying
<i>Computer skills</i>	Markup languages:	xhtml, css
	Programming:	PHP
	Databases:	MySQL
	Statistical software:	STATA, LISREL