

YUE LI

Postdoc and Online Course Instructor

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EDUCATION

- Ph.D.** **Cornell University, Department of Natural Resources**
2016 *Advisor:* Dr. Marianne Krasny (Environmental Education, Cornell)
Committee members:
Dr. Shorna Broussard Allred (Natural Resources, Cornell)
Dr. Matthew Brashears (Sociology, University of South Carolina)
Dr. Justin Dillon (Education, University of Bristol, UK)
Dissertation: Professional networks and practice change in environmental education
- Exchange Scholar** **Stanford University, Graduate School of Education**
Fall 2015 *Advisor:* Dr. Nicole Ardoin (Environmental Education, Stanford)
- M.S.** **Beijing Normal University**
2011 **College of Resources Sciences & Technology**
Advisor: Dr. Qiong Gao (Ecology, BNU)
Thesis: Spatial optimization for land use in north China under settlement modulation: A case study in Taips County in Inner Mongolia
- B.S.** **Beijing Forestry University, College of Soil and Water Conservation**
2008 *Advisor:* Dr. Guodong Ding (Soil and Water Conservation, BFU)
Thesis: Vegetation types and community characteristics in Hulun Buir grassland

PROFESSIONAL POSITION

- 2016-present Postdoc, Department of Natural Resources, Cornell University
2017 Spring Instructor, School of Continuing Education and Summer Sessions, Cornell University

RECENT PROJECTS

- 2017-2018 MOOC Interactive Online Learning to Engage the Public in Environmental Protection Action in the US and China (PI: M Krasny, Cornell; co-PIs: Y Li, Cornell; R Baker, Penn and Z Liu, Tsinghua). *China Ministry of Education*.
- 2016-2017 Cornell-China College Program, <https://www.sce.cornell.edu/ol/cccp>, Co-instructor
- 2016 Cornellx MOOC: Reclaiming Broken Places: Introduction to Civic Ecology, <http://tiny.cc/CivicEcologyMOOC>, Co-instructor
- 2015–2016 Global Environmental Education Online Course, <http://www.GlobalEE.net/>, Teaching assistant and co-researcher
- 2011–2016 EECapacity (EPA National Environmental Education Training Program), www.eecapacity.net/, workshop leader and assistant, researcher

PUBLICATIONS

Working manuscripts

- Li Y., and Krasny M. Development of professional networks among environmental educators. To be submitted to *Computers & Education*
- Li Y., and Krasny M. Practice change in environmental education. To be submitted to *Environmental Education Research*
- Li Y., and Krasny M. Relationship between networks and practice change in environmental education. To be submitted to *Environmental Education Research*
- Krasny M., Russ A., and Li Y. Achievements in Environmental Education (preliminary accepted for publication by Cornell University Press)

Journal articles

- Li Y., Krasny M., and Russ A. (2016). Interactive learning in an urban environmental education online course. *Environmental Education Research*, 22(1): 111-118. 10.1080/13504622.2014.989961
- Li Y., Gao Q. and Xu X. (2012). Landscape pattern and spatial feature of land use in Taips County in Inner Mongolia. *Journal of Beijing Normal University (Natural Science)*. 48 (3): 306-312.
- Xu X., Zhang Y., and Li Y. (2010). Analysis and design of management and decision support system for farming coupled with ecological process model. *Chinese Agricultural Science Bulletin*, 26(21): 394-399.
- Xu X., Zhang Y., Tian Y.Q., and Li Y. (2010). Study on land suitability evaluation in the Northern China crop-pasture band. *Journal of Anhui Agricultural Science*, 11(6): 130-133, 158.
- Tian Y.Q., Zhu W.Y., Zhang Y., Li Y. and Liu J.S. (2009). Brief reviews of study on the photosynthetic properties of alpine meadows on the Tibetan Plateau. *Journal of Anhui Agricultural Science*, 37(25): 12082-12084, 12102.
- Li Y., Zhao B.P., and Ding G.D. (2007). Investigation of vegetation types and its distribution characteristic in Hulun Buir grassland. *Journal of Modern Forestry*, 1 (3): 42-45.

Report

- Braus J., Cottle M., Li Y., McGlaufflin H., Merrick C., and Price D. (2015). State environmental literacy plans, 2014 status report. North American Association for Environmental Education.

TEACHING

- 2016-2017 Facilitator, *Measuring Environmental Education Outcomes*. Book Online Reading Club. <https://pan.baidu.com/s/1miwffh2>.
Organized the reading group of 290 members on WeChat, recruited 12 volunteers to produce podcasts summarizing book chapters, and facilitated weekly discussion.
- 2016-2017 Co-instructor, *Sustainability and Community: Introduction to Civic Ecology*. Cornell-China College Program online course. (Instructor: M. Krasny) <https://www.sce.cornell.edu/ol/cccp>
Helped adapt existing course, developed assignments and built the course on Blackboard
- 2016 Co-instructor, Cornellx MOOC *Reclaiming Broken Places: Introduction to Civic Ecology* (Instructor: M. Krasny) <http://tiny.cc/civicecologymoc>
Facilitated discussion and coordinated study groups in China
- 2015 Course assistant, *Environmental Education: A transdisciplinary approach to addressing wicked problems*. (online) <http://www.GlobalEE.net/>
Coordinated with more than 40 instructors and case study authors all over the world, built the course website, promoted the course globally and developed course registration system.

- 2015 Teaching Assistant, *Environmental Conservation*. Department of Natural Resources, Cornell University (Instructor: J Yavitt). Developed the discussion section syllabus, facilitated two weekly discussion sections and graded research papers
- 2012-2014 Teaching Assistant, *Forest Ecology*. Department of Natural Resources, Cornell University (Instructor: T Fahey). Graded writing assignments and exams; Coordinated weekly fieldtrip and weekend field to Adirondacks, NY
- 2012 Teaching Assistant, *Environmental Education in Urban Communities*. (online) (Instructors: M Krasny, A Price, and P Silva). Graded weekly assignments
- 2011 Teaching Assistant, *Environmental Education in Urban Communities*. (online) (Instructors: M Krasny, A Price, and A Russ). Graded weekly assignments.
- 2009 Teaching Assistant, *Eco-English program*. Jane Goodall Institute, Beijing
Assisted two American volunteers to teach weekly environmental awareness class in Experimental School Attached to Haidian Teachers Training College of Beijing

RESEARERCH CONFERENCES

- Li Y.** (2016). Development of professional networks among environmental educators. Presentation at the North American Association for Environmental Education Conference, October 2016, Madison, Wisconsin.
- Smith J., **Li Y.** and DuBois B. (2016) Using machine learning methods to assess environmental education outcomes. Workshop at the North American Association for Environmental Education Research Symposium, October 2016, Madison, Wisconsin.
- Krasny M. and **Li Y.** (2016). Measuring practice change and social innovation in EE. Presentation at the North American Association for Environmental Education Research Symposium, October 2016, Madison, Wisconsin.
- Li Y.** and Krasny M. (2016). Professional networks and practice change in environmental education. Presentation at the North American Association for Environmental Education Research Symposium, October 2016, Madison, Wisconsin.
- Li Y.** (2016). Formation of professional networks among environmental educators. Presentation at the 8th Annual Cornell Sociology Research Symposium. March 9, 2016, Ithaca, New York.
- Li Y.** (2016). Development of networks among environmental educators through professional development activities. Presentation at Cornell's Department of Natural Resources Graduate Student Association's Annual Symposium. January 25-26, 2016, Ithaca, New York.
- Li Y.**, Krasny M., and Russ A. (2015). Collaborative book writing to advance environmental education practice. Presentation at the North American Association for Environmental Education Research Symposium, October 2015, San Diego, California.
- Li Y.**, Krasny M., Braus J., Ferguson A., Marcos-Iga P., Gupta R., Stern S., Fraser J. (2015). Development of innovative practice in environmental education through a community climate change fellowship program. Roundtable presentation at the World Environmental Education Congress. June 29-July 2, 2015, Gothenburg, Sweden.
- Krasny M., **Li Y.**, Ferguson A., and Marcos-Iga P. (2015). Mapping networks and diverse experiences for practice innovation. Workshop, the World Environmental Education Congress. June 29-July 2, 2015, Gothenburg, Sweden.
- Li Y.**, and Krasny M. (2015). Development of networks to foster practice innovation in environmental education: A case study of a Pennsylvania State Consortium. Presentation at Cornell's Department of Natural Resources Graduate Student Association's Annual Symposium. January 15-16, 2015, Ithaca, New York.

- Krasny M., **Li Y.**, and Deen S. (2015). MOOCs, GROOCs, and SPOCs Oh My! A journey through online education. Presentation at Cornell's Department of Natural Resources Graduate Student Association's Annual Symposium. January 15-16, 2015, Ithaca, New York.
- Li Y.**, Krasny M., and Russ A. (2014). Measuring practice innovations in environmental education programs. Poster presentation at the North American Association for Environmental Education Research Symposium, October 2014, Ottawa, Canada.
- Krasny M., Smith J., and **Li, Y.** (2014). Alternative outcome measures in environmental education. Presentation at the North American Association for Environmental Education Research Symposium, October 2014, Ottawa, Canada.
- Li, Y.**, and Krasny. M. (2013). Development of professional networks to foster innovation in environmental education. Roundtable presentation at the North American Association for Environmental Education Research Symposium, October 2013, Baltimore, Maryland.
- Li, Y.**, Krasny, M., and Kudryavtsev A. (2013). Interactive learning in an online urban environmental education course: Role of participants, instructors and course materials. Oral presentation, the World Environmental Education Congress. June 9-14, 2013, Marrakech, Morocco.
- Braus J., Marcos-Iga P., Kudryavtsev A, **Li Y.**, Krasny M, Fraser J., and Price A. (2013). Tools for integrating research and professional development. Workshop, the World Environmental Education Congress. June 9-14, 2013, Marrakech, Morocco.
- Li, Y.**, Krasny, M., Kudryavtsev A. (2013). Interactive learning in an online urban environmental education course. Cornell's Department of Natural Resources Graduate Student Association's Annual Symposium. January 17-18, 2013. Ithaca, New York.
- Li, Y.**, Krasny. M., and Kudryavtsev A. (2012). Interactive learning in an online urban environmental education course. Poster presented at the North American Association for Environmental Education Research Symposium, October 2012, Oakland, California.

TEACHING CONFERENCES

- Li Y.** and Connelly H. (2016). Integrated course design. Presentation at Cornell Center for Teaching Excellence Symposium, May 16, 2016, Ithaca, New York.
- Li Y.** and Spirito C. (2016). Engaging lectures and effective presentations. Workshop at Cornell University-wide Teaching Conference, March 5, 2016, Ithaca, New York.
- Li, Y.**, Saypaniya, S., Zhang, Y. (2012). Using games to engage students in natural resources and economics. Presentation at the International TA Program Summer Institute Workshop Symposium, July 2, 2012, Ithaca, New York.

INVITED TALKS

- Li Y.** (2016). MOOCs for professional development in environmental education. Invited talk in the Graduate School of Education, Peking University. Host: Dr. Q. Wang. November 30, 2016, Beijing, China.
- Li Y.** (2016). MOOC interactive online learning to engage the public in environmental protection action. Invited talk in the College of Environmental Science and Technology, Guangzhou University. Host: Dr. N. Chen. November 28, 2016, Guangzhou, China.
- Li Y.**, Liu C. and Lu D. (2016). Civic ecology practice: From connection to action. Invited presentation at the 3rd China Nature Education Forum. Host: Shenzhen Mangrove Wetlands Conservation Foundation. November 25, 2016, Shenzhen, China.
- Li Y.** (2016). MOOCs for Environmental Educators. Invited talk at The Education University of Hong Kong. Host: Dr. T. Savelyeva.

- Li Y.** (2016). An overview of environmental education in China, and EECapacity research and resources. Two lectures at the Wisconsin Center for Environmental Education, University of Wisconsin-Stevens Point. Hosts: Dr. B. Franzen and Dr. K. Liddicoat. October 24-25, 2016, Stevens Point, Wisconsin.
- Li Y.** (2016). The North American environmental education professional development program, EECapacity. Invited presentation at the Center for Environmental Education and Communication, Ministry of Environmental Protection of China. March 24, 2016, Beijing, China.
- Li Y.** (2016). Development of networks to foster practice innovation in environmental education. Invited presentation at Beijing Normal University. Host: Dr. J. Liu. March 23, 2016, Beijing
- Li Y.** (2016). Network and innovate through online learning. Invited presentations at Tsinghua University. Hosts: Dr. M. Sun and Dr. J. Jin. March 21, 2016, Beijing, China.
- Li Y.** (2015). Trans-boundary collaboration in environmental education in North America: Research and practice. Invited presentation at the 2nd China Nature Education Forum. Host: World Wildlife Fund China. November 14, 2015, Hangzhou, China.

WORKSHOPS

- Li Y.** (2016). Environmental interpretation. Helped Dr. Steve Van Matre prepare and translate the workshop. Host: Shenzhen Mangrove Wetlands Conservation Foundation. November 18-21, 2016, Shenzhen, China.
- Li Y.** (2016). Incorporating environmental education into school curriculum. Presentation at Green School Principals Training Workshop, Shenzhen Renju Environment Committee. September 23, 2016, Shenzhen, China.
- Li Y.** (2016). Measuring environmental education outcomes. Presentation at National Nature Education Training Workshop, the Center for Environmental Education and Communication, Ministry of Environmental Protection of China. September 21, 2016, Shenzhen, China.
- Li Y.** (2016). Environmental education in schools. Presentation at the National Nature Education Training Workshop, Center for Environmental Education and Communication, Ministry of Environmental Protection of China. March 22, 2016, Beijing, China.
- Li Y.** (2015). Train the Trainers' Training (T3) Accelerator Boot Camp. Helped organize the workshop for EECapacity. August 10-13, 2016, Ithaca, New York.
- Li Y.** (2014). Climate Change Implications for Environmental Education: Framing Perspectives workshop. Helped organize the workshop for EECapacity. June 3, 2014, New York, New York
- Li Y.** (2014). Community Climate Change Fellowship Program Leadership Workshop. Helped organize the workshop for EECapacity. June 23-27, 2014, Shepherdstown, West Virginia
- Li Y.** (2012). National Training Workshop for Environmental Educators. Helped organize the workshop for EECapacity. May 14-18, 2012, Washington, DC.

PROFESSIONAL DEVELOPMENT

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| 2016 | Graduate Teaching Assistant Fellow, Center for Teaching Excellence, Cornell University
Offered two workshops and led a discussion on teaching skills such as engaging lectures, integrated course design and reflective teaching. |
| 2014 | Course Design Certificate, Center for Teaching Excellence, Cornell University |

- 2014 Internship, North American Association for Environmental Education
Organized a one-day Climate Change Education workshop in New York City and a one-week Community Climate Change Fellowship workshop in West Virginia. Wrote an annual report for states' environmental literacy plans.
- 2010 Internship, Jane Goodall Institute, Beijing
Developed manuals for “Green Life Action” program in local communities and companies in Chongqing, Chengdu and Kunming

PROFESSIONAL AFFILIATION

- 2013-present American Association for the Advancement of Science, member
2011-present North American Association for Environmental Education, member
2011-2016 Human Dimensions Research Unit, Cornell University, graduate assistant

SERVICE

- 2016 Sub-forum host, 3rd China Nature Education Forum, Shenzhen, China
2015-present Journal paper reviewer, *Environmental Education Research*
2015 Abstract reviewer, 44th North American Association for Environmental Education conference, San Diego, CA
2015 International Advisory Committee, World Environmental Education Congress, Gothenburg, Sweden
2014 Fernow Hall Display Committee, Department of Natural Resources, Cornell University, Ithaca, NY
2013 Socio-Scientific Committee, World Environmental Education Congress, Marrakech, Morocco
2011 Volunteer, the North American Association for Environmental Education Research Symposium and Conference, Raleigh, North Carolina
2006-2007 Chair, Department of Outdoor Life, Scientific Exploration & Outdoor Life Association, Beijing Forestry University

AWARDS AND FELLOWSHIPS

- 2016 Environmental Education 30 leaders under 30 years old, NAAEE and the US Fish and Wildlife Service
2015 Stapp Scholarship for the NAAEE 44th Annual Conference in San Diego, CA
2015 Fall Graduate Research Assistantship, the Graduate Field of Natural Resources, Cornell University.
2015 Summer Graduate Research Assistantship, the Graduate Field of Natural Resources, Cornell University.
2014 Graduate Student Conference Grant for participating at the 11th NAAEE Annual Research Symposium, the Graduate School of Cornell University.
2013 Graduate Student Conference Grant for participating at the 10th NAAEE Annual Research Symposium, the Graduate School of Cornell University.
2012 Graduate Student Conference Grant for participating at the 9th NAAEE Annual Research Symposium, the Graduate School of Cornell University.
2012 Summer Graduate Research Assistantship, the Graduate Field of Natural Resources, Cornell University.
2011-2015 Government Fellowship, China Scholarship Council.
2010 Volunteer Achievement Awards of Jane Goodall's Roots & Shoots

2010	Excellent Individual in Social Practice, Beijing Normal University
2009	Scientific Research Participation Awards, Beijing Normal University
2007	Academic Merit Scholarship, Beijing Forestry University
2007	Slope Greening Special Scholarship, Beijing Forestry University
2007	Excellent Student Leader Awards, Beijing Forestry University
2006	Best Environmental Award of School Dormitory Design Competition
2006	Excellent Individual in Summer Research, Beijing Forestry University
2006	1 st prize of Excellent Paper of the Summer Research, Beijing Forestry University

SELECETED COURSEWORK

Research Methods Research Methods in Social Sciences, Quantitative Research Methods, Qualitative Research Methods, Social Network Analysis, Spatial Analysis, Methods of Ecosystem Simulation

Social Science Courses: Research Seminar in Higher Education, Principal of Pedagogy Education, Psychology of Education, Community, Place and Environment, Computer Mediated Communication, Network Theory, Environmental Impact Assessment, Environmental Management

Natural Science Courses: Botany, Ecology, Principles of Terrestrial Ecosystem Ecology, Carbon Cycle Research, Natural Resources, Climate Resources and Marine Resources, Meteorology, Dendrology, Geography, Soil and Water Conservation

SKILLS

Languages Chinese (native speaker, Mandarin and Yunnan dialect)
English (fluent)
Spanish (Intermediate)
Japanese (Japanese-Language Proficiency Test, level 3)

Software Nvivo, Atlas.ti, R, GIS, SPSS, FRAGSTATS