
CONTACT INFORMATION	<p>Department of Agricultural Economics, Sociology, and Education Pennsylvania State University 112-F Armsby University Park, PA 16802 <i>Office:</i> 814-863-8247 <i>E-mail:</i> kyz1@psu.edu <i>Web:</i> http://aese.psu.edu/directory/kyz1</p> <p>Last updated January 15, 2016</p>
RESEARCH INTERESTS	Environmental and resource economics, land-use economics, spatial modeling, joint ecological-economic modeling and nonmarket valuation
EMPLOYMENT	Assistant Professor, Department of Agricultural Economics, Sociology, and Education, Pennsylvania State University (July, 2014 - present)
EDUCATION	<p>Ph.D. – University of Wisconsin, Madison, Wisconsin (August 2014) Agricultural and Applied Economics</p> <ul style="list-style-type: none"> • Dissertation Topic: “Spatial analysis of feedback mechanisms between environmental policies, ecosystems and behavior” • Committee: Dr. Bill Provencher (chair), Dr. David Lewis, Dr. Corbett Grainger, Dr. Dan Phaneuf, and Dr. Jake Vander Zanden <p>BA – Oberlin College, Oberlin, Ohio (May 2008) Majors: Environmental Studies and Economics</p> <ul style="list-style-type: none"> • High Honors in Environmental Studies
TEACHING EXPERIENCE	<p>Land Use Dynamics (CED 309) Resource and Environmental Economics II (AEREC 541) Natural Resource Economics (CED 429)</p>
WORKING PAPERS/UNDER REVIEW	<p>Zipp, K.Y., D.J. Lewis, and B. Provencher “Does the Conservation of Land Reduce Development? An Econometric-Based Landscape Simulation with Land Market Feedbacks” (Revise and Resubmit at the <i>Journal of Environmental Economics and Management</i>)</p> <p>Shortle, J., D. Abler, Z. Kaufman, and K.Y. Zipp “Implications of Lags in Pollution Delivery for Efficient Agricultural Waste Load Allocations and the Design of Water Quality Trading Programs (Revise and Resubmit at <i>Agricultural and Resource Economics Review</i>))</p> <p>Social-ecological dynamics of aquatic species invasions on a lake-rich landscape (with David Lewis and Bill Provencher)</p>
GRANTS RECEIVED	<p>PI “Alternative Jet Fuel Supply Chain Analysis of the Mid-Atlantic from the Federal Aviation Administration. 8/1/2015 - 7/31/2016 \$ 80,000</p> <p>Co-PI “Pennsylvania Natural Resources Leadership Program Pilot Project from the AESE Strategic Initiatives Funding 1/1/2015 - 6/30/2015 \$5,850</p>

Co-PI “Flood Mitigation for Pennsylvania’s Rural Communities: Community-Scale Impact of Federal Policies” submitted to the Center for Rural Pennsylvania. 1/1/2016 - 1/1/2017 \$50,000

PENDING GRANT PROPOSALS Co-PI “Firescapes in the mid-Atlantic: Mismatches between social perceptions and prescribed fire use.” submitted to the Joint Fire Sciences Program. 08/01/2016 - 07/31/2019 \$327,726

Co-PI “What are the Economic and Emissions Impacts of New Climate Regulations on Big Trucks?” letter of intent submitted to the PSIEE Seed Grant Program. 04/01/2016 - 06/30/2017 \$10,000

DENIED GRANT PROPOSALS Senior Personnel “Multi-objective Optimization of Agricultural Landscapes for Water Quality and Availability” Agriculture and Food Research Initiative: Water for Agriculture Challenge Area Program Area Priority Code. 01/01/15 - 12/31/19 \$5 million

CONFERENCE PRESENTATIONS NAREA & CAES Joint Annual Meeting & Workshop, 2015 Selected Paper: Social-Ecological Dynamics of Aquatic Species Invasions on a Lake-Rich Landscape

NAREA & CAES Joint Annual Meeting & Workshop, 2015 Economics of Water Quality Workshop Program: Lags in Pollution Delivery: Implications for the Design of Water Quality Trading Programs

AERE Summer Conference in San Diego, CA, 2015 Selected Presentation: Social-Ecological Dynamics of Aquatic Species Invasions on a Lake-Rich Landscape

Occasional California Workshop in Environmental and Resource Economics, 2013 Selected paper: Social-Ecological Dynamics of Aquatic Species Invasions on a Lake-Rich Landscape

AAEA Annual Meetings in Seattle, WA, 2012 Selected Presentation: Using the benefit function to value non-market goods: An application to open-space conservation

AAEA Annual Meetings in Seattle, WA, 2012 Selected Presentation: The effects of open-space conservation on ecosystems: An application of a joint ecological-economic model

AERE Summer Conference in Asheville, NC, 2012 Selected Presentation: Using the benefit function to value non-market goods: An application to open-space conservation

AERE Summer Conference in Asheville, NC, 2012 Selected Presentation: The effects of open-space conservation on ecosystems: An application of a joint ecological-economic model

Heartland Environmental and Resource Economics Workshop at Illinois in Urbana, Champaign, IL, 2011, Long Presentation: Does open space conservation increase neighboring development?

CENREP Camp Resources XVIII in Wrightsville Beach, NC, 2011, Research Sketch: Does open space conservation increase neighboring development?

AERE Summer Conference in Seattle, WA, 2011, Selected Presentation: Does open space conservation increase neighboring development?

AAEA Annual Meetings in Pittsburgh, PA, 2011, Selected Poster Tour: Modeling the effects of open space on private land

AAEA Annual Meetings in Pittsburgh, PA, 2011, Selected Poster: Market power and/or cost-efficiencies in ITQ fisheries? (with R.L.O. Cleary and C. Grainger)

EXTERNAL SERVICE Reviewed for *Ecological Economics*
Reviewed for *Environmental and Resource Economics*
Reviewed for *Journal of Rural Studies*
Reviewed Selected Presentations for the Agricultural and Applied Economics Association (AAEA) annual meeting 2015

PENN STATE
SERVICE Invited member of the Penn State Sustainability Institute Task Force (2015)
Rural Sociology Search Committee (2015)
ME John Award Committee member (2015)
CED Undergraduate Committee member (2014-15)

HONORS AND
AWARDS Nominated Participant, 4th Meeting of the Nobel Laureates in Economics, Lindau, Germany, August 2011

AFFILIATIONS Agricultural and Applied Economics Association (AAEA)
Association of Environmental and Resource Economists (AERE)
Northeastern Agricultural and Resource Economics Association (NAREA)
Career Advancement and Mentorship (CAM) Program mentee in NAREA