

## Sonja H. Kolstoe

---

CONTACT INFORMATION	Department of Economics and Finance Salisbury University Perdue Hall, 1101 Camden Avenue Salisbury, MD 21801-3524 USA	Phone: (410) 548-3524 Fax: (410) 677-5374 E-mail: <a href="mailto:shkolstoe@salisbury.edu">shkolstoe@salisbury.edu</a> Website: <a href="http://www.sonjakolstoe.com">www.sonjakolstoe.com</a>
ACADEMIC POSITIONS	Assistant Professor of Economics, Salisbury University (August 2016 - present) Joint Appointment with the Department of Environmental Studies Research Associate (by courtesy), Department of Economics, University of Oregon (August 2016 - present)	
EDUCATION	<b>University of Oregon</b> , Eugene, Oregon Ph.D., Environmental Sciences, Studies and Policy, June 2016 Focal Department: Economics (full complement of Economics Ph.D. courses <sup>1</sup> ) Dissertation Committee: Trudy Ann Cameron (chair), Ralph Mastromonaco, Wesley Wilson, Scott Bridgham and Dan Gleason M.S., Economics, September 2013 <b>University of Nevada, Las Vegas</b> , Las Vegas, Nevada M.A., Economics, December 2011 <b>Washington State University</b> , Pullman, Washington B.S., Biology, May 2010, <i>cum laude</i> Minor: French and Economics	
FIELDS	Environmental Economics, Public Economics and Applied Econometrics	
RESEARCH	<i>Publications</i> Kolstoe, S. & Cameron, T.A. (2017) "The Non-market Value of Birding Sites and the Marginal Value of Additional Species: Biodiversity in a Random Utility Model of Site Choice by eBird Members," <i>Ecological Economics</i> , 137, 1-12. Riddel, M., and Kolstoe, S. (2013) "Heterogeneity in life-duration preferences: Are risky recreationists really more risk loving?," <i>Journal of Risk and Uncertainty</i> , 46(2), 191-213. <i>Working Papers</i> Kolstoe, S., Cameron, T.A. and Wilsey, C.B. (2018) "Climate policy, land cover, and bird populations: Differential impacts on the future welfare of birders in the Pacific Northwest," <i>Revise and Resubmit</i> . <i>Draft Manuscripts</i> Kolstoe, S., and Cameron, T.A. (2018) "Blending Supplementary Surveys with Citizen Science Data to Estimate Representative Use Values for Non-market Environmental Goods: An eBird example."	

---

<sup>1</sup>Completed first year core sequences of Microeconomics Theory, Macroeconomics Theory, and Econometrics as well as field courses in Time Series Econometrics, Microeconometrics, Bayesian Econometrics, Public Economics, Game Theory, Taxation, Environmental Economics and Natural Resource Economics

Kolstoe, S., Chaundhry, A. and Tsournos, P. (2018) “Exploring the heterogeneity of preferences of recreationalists for recreational sites along the Sacramento River”

*Works in Progress*

Kolstoe, S. “Low-Snowpack and Wildfires: A Welfare Double-Edged Sword for Hikers and Climbers.”

Kolstoe, S. and Cameron, T.A. “Exploring Preferences of eBirders over Backyard and Local Birds, A Stated Preference Approach.”

Kling, D. and Kolstoe, S. “Unpacking Sample Selection Bias in Destination Site Choices: A Simulation Exercise.”

FIELD RESEARCH  
EXPERIENCE

Survey administration, Las Vegas, NV, 2011

Prepared, deployed and recovered deep-sea experiments, Ray Lee Laboratory, Washington State University, *R/V Atlantis*, 2009 & 2010

PRESENTATIONS

*Conference Presentations*

“Low Snowpack and Wildfires: A Double-Edged Sword for the Welfare of Hikers”, to be presented at the Society for the Benefit-Cost Analysis Conference. Washington, DC, March 14-16, 2018.

“Teaching Environmental Economics and Policy in a Politically Fractured World,” panelist, panel for the Southern Economic Association Conference. Tampa, FL, November 17-19, 2017.

“Low Snowpack and Wildfires: A Double-Edged Sword for the Welfare of Hikers”, presented at the Southern Economic Association Conference. Tampa, FL, November 17-19, 2017.

“Supplementing eBird Citizen Science data with auxiliary surveys of participants: New insights concerning the determinants of birding destination choice by birders,” presented a poster at the NAREA Conference. Washington, D.C., June 11-14, 2017.

“Supplementing eBird Citizen Science data with auxiliary surveys of participants: New insights concerning the determinants of birding destination choice by birders,” presented at the Society for Benefit-Cost Analysis Conference. Washington, D.C., March 16-17, 2017.

“The Value of Birds to eBirders: Exploring Citizen Science Data using a Recreational Site Choice Model,” presented at the Southern Economic Association Conference. Washington, D.C., November 19-21, 2016.

“Welfare effects and consequences for birders from changes in site attributes,” presented at the Western Economic Association International, Portland, OR, June 29- July 2, 2016.

“Modelling Recreation Behavior of Bird Watchers with Data from a Citizen Science Project,” presented at the Agricultural & Applied Economics Association, San Francisco, CA, July 26-28, 2015.

“Exploring systematic differences in the value to birders of species biodiversity: A RUM study of site choice by eBird participants,” presented a poster at the Association of Environmental and Resource Economists, San Diego, June 3-5, 2015.

“The value of avian biodiversity to recreational birders: A random utility model of site choice by eBird participants,” presented at the Society for Benefit-Cost Analysis, Washington D.C., March 18-20, 2015.

“The value of biodiversity: Birders WTP for species abundance,” presented at the Western Economic Association International, Denver, CO, June 27-July 1, 2014.

#### *Workshop Presentations*

“Exploring the heterogeneity of preferences of recreationalists for recreational sites along the Sacramento River,” scheduled to present at the W4133 Workshop, Austin, TX, February 21-23, 2018.

“Basics about Dealing with Spatial Data,” presented at the Mikesell Environmental and Resource Economics Workshop at the University of Oregon. Eugene, OR, January 19, 2018

“Climate policy, land cover, and bird populations: Forecasting impacts on the future welfare of birders in the Pacific Northwest,” presented at the NAREA Workshop. Washington, D.C., June 14-15, 2017.

“The value of bird biodiversity to eBirders: Exploring citizen science data using a recreational site choice model,” presented at the W3133 Workshop, Portland, OR, February 25-26, 2016.

“Using citizen science data to measure the value of birds to birdwatchers,” presented at the Oregon Resource and Environmental Economics Workshop. Salem, OR, October 2, 2015. eBird participants,” presented at the Camp Resources, Asheville, NC, August 2-4, 2015.

#### *Invited Presentations*

“Blending Supplementary Surveys with Citizen Science Data to Estimate Representative Use Values for Non-market Environmental Goods: An eBird example,” at University of Delaware, invited seminar scheduled for Spring 2018.

“Valuing Non-Market Goods and Services, Work of a Biologist Turned Environmental Economist,” invited to present as part of Environmental Fellows Program, at DePauw University, scheduled for April 5th, 2018.

“Supplementing eBird Citizen Science data with auxiliary surveys of participants: New insights concerning the determinants of birding destination choice by birders,” invited seminar at Clarkson University, November 10th, 2017.

“Supplementing eBird Citizen Science data with auxiliary surveys of participants: New insights concerning the determinants of birding destination choice by birders,” presented at California State University, Chico, Chico, CA, March 24, 2017.

“Using Citizen Science Data to Measure the Value of Avian Biodiversity to Birdwatchers,” presented at Pennsylvania State University, University Park, PA, February 4, 2016.

“Using Citizen Science Data to Measure the Value of Avian Biodiversity to Birdwatchers,” presented at Salisbury University, Salisbury, MD, January 29, 2016.

#### *Public Talks*

“Valuing BirdBiodiversity Using Citizen Science Data from eBird,” Salisbury University’s Environmental Studies Faculty Lecture Series, Ocean Pines, MD, October 6, 2017.

“Using (eBird) citizen science data to measure the value of avian biodiversity to birdwatchers”, Co-Keynote Speaker for the Valuing Bird Biodiversity Using Citizen Science Event, Ward Museum, Salisbury, MD, March 10, 2017.

Oregon Resource and Environmental Economics Workshop. Salem, OR, October 2015

Camp Resources, Asheville, NC, August 2015

Agricultural & Applied Economics Association, San Francisco, CA, July 2015

Association of Environmental and Resource Economists, San Diego, June 2015 - June 2015 - San Diego, CA

Society for Benefit-Cost Analysis, Washington D.C., March 2015  
Belpasso International Summer School, Belpasso, Italy, September 2014  
Oregon Resource and Environmental Economics Workshop. Salem, OR, May 2014

OTHER  
PROFESSIONAL  
EXPERIENCE

*Referee*

*Agricultural and Resource Economics Review*  
*Ecological Applications*  
*Human Dimensions of Wildlife*  
*Landscape and Urban Planning*  
*Marine Resource Economics*

*Reviewer*

Agricultural and Applied Economics Association 2017 Conference  
Northeastern Agricultural and Resource Economics Association 2018 Conference

*University Service*

High Performance Computing Lab Steering Committee

FELLOWSHIPS AND  
AWARDS

The Mikesell Research Paper Award, University of Oregon, June 2015  
Graduate Teaching Fellowship, Department of Economics, University of Oregon, 2011-2014, Summer & Fall 2015  
Graduate Teaching Fellowship, Environmental Studies, University of Oregon, Winter 2014, Winter & Spring 2015, Winter & Spring 2016  
Graduate Assistantship, Department of Economics, University of Nevada Las Vegas, 2010-2011  
UNLV Access Grant - Graduate, University of Nevada Las Vegas, 2010-2011  
President's Honor Roll Washington State University, 2009-2010  
Biology Merit Award, School of Biological Sciences, Washington State University, 2009  
Student Leadership Award, School of Biological Sciences, Washington State University, 2009  
Development Award, Honors College, Washington State University, 2008  
Outstanding Third-Year French student, Department of Foreign Languages, Washington State University, 2007  
University Achievement Award, Washington State University, 2006-2008

TEACHING  
EXPERIENCE

*Salisbury University*

Principles of Microeconomics, ECON 211 (students: 26-33)  
Intermediate Microeconomics, ECON 311 (students: 21-26)  
Principles of Environmental Economics, ENVR 210 (students: 25-29)

*University of Oregon*

Using Market Instruments to Improve Environmental Outcomes, ENVS 411 (students: 9)  
Labor Market Issues, EC 350 (students: 50-56)  
Environmental and Resource Economic Issues, EC 333 (students: 60-85)  
Principles of Microeconomics, EC 201 (students: 49)

SOFTWARE

ArcGIS, QGIS, Python, L<sup>A</sup>T<sub>E</sub>X, STATA, Matlab and R

MEMBERSHIPS

American Economic Association  
Agricultural and Applied Economics Association  
Association of Environmental and Resource Economists

European Association of Environmental and Resource Economists  
Northeastern Agricultural and Resource Economics Association  
Professional Ski Instructors of America, Pacific Northwest Division  
Society for Benefit-Cost Analysis  
Southern Economic Association

CITIZENSHIP USA and France

LANGUAGES English and French  
Diplôme Approfondi de la Langue Française C1, May of 2008 (College-Level)