
CONTACT INFORMATION	<p>Department of Economics, Brewster Building A-109 Coastal Studies Institute (CSI), Flanagan Building 389 East Carolina University Greenville, NC 27858 USA</p> <p>E-mail: Hochardj15@ecu.edu Websites: www.jacobhochard.com — www.ourncwater.com</p>
ACADEMIC POSITIONS	<p>East Carolina University, Greenville, North Carolina USA</p> <p>Assistant Professor, Department of Economics, 2015 to present Assistant Research Scientist, Coastal Studies Institute (CSI), 2015 to present Research Fellow, Center for Natural Hazards Research, 2015 to present Research Affiliate, North Carolina Agromedicine Institute, 2018 to present</p> <p>U.S. EPA & Oak Ridge Institute for Science and Education, Washington, D.C. USA Faculty Fellow, 2019 to present</p>
EDUCATION	<p>University of Wyoming, Laramie, Wyoming USA Ph.D., Economics, May 2015</p> <p>Gettysburg College, Gettysburg, Pennsylvania USA B.A., Economics (with honors), May 2011 B.A., Environmental Studies (with honors), May 2011</p>
PEER-REVIEWED PUBLICATIONS	<p>Barbier, E., and J. Hochard. "Poverty-Environment Traps." <i>Environmental and Resource Economics</i>. 1-33.</p> <p>2019</p> <p>Hochard, J., S. Hamilton and E. Barbier. "Mangroves shelter economic activity from cyclones". <i>Proceedings of the National Academy of Sciences</i> 116 (25) 12232-12237.</p> <p>Kruse, J., and J. Hochard. "Economics, Insurance, and Flood Hazards" <i>Southern Economic Journal</i> 85 (4) 1027-1031.</p> <p>2018</p> <p>Barbier, E., and J. Hochard. "Land degradation and poverty." <i>Nature Sustainability</i> 1 (11).</p> <p>Garg, T., S. Hamilton, J. Hochard, E. Kresch and J. Talbot. "(Not so) gently down the stream: River pollution and health in Indonesia". <i>Journal of Environmental Economics and Management (JEEM)</i> 92 35-53.</p> <p>Barbier, E. and J. Hochard. "The Impacts of Climate Change on the Poor in Disadvantaged Regions". <i>Review of Environmental Economics and Policy (REEP)</i> 12(1) 26-47.</p> <p>2017</p> <p>Barbier, E. and J. Hochard. Poverty, Rural Population and Climate Change. <i>Environment and Development Economics</i>. 1-23.</p> <p>Hochard, J., and E. Barbier. "Market accessibility and economic growth: Insights from a new dimension of inequality." <i>World Development</i> 97: 279-297.</p> <p>Hochard, J. and D. Finnoff. "Cross-Jurisdictional Management of a Trophy-Hunted Species". <i>Journal of Theoretical Biology</i> 420, 41-52.</p> <p>Sims, C., D. Finnoff, A. Hastings, and J. Hochard. "Listing and Delisting Thresholds under the Endangered Species Act." <i>American Journal of Agricultural Economics</i> 99, no. 3: 549-570.</p> <p>2016</p> <p>Barbier, E., and J. Hochard. "Does Land Degradation Increase Poverty in Developing Countries?." <i>PLOS ONE</i> 11(5).</p> <p>Barbier, E., R. Lopez, and J. Hochard. "Debt, poverty and resource management in a rural smallholder economy." <i>Environmental and Resource Economics</i> 63(2).</p>

- 2014 **Hochard, J.** and D. Finnoff. "Gray wolf population projection with intraspecific competition". *Natural Resource Modeling* 27(3), 360-375.
- ADDITIONAL WORKING PAPERS **Hochard, J.**, E. Barbier, S. Hamilton "Can Mangroves Shelter Coastal Economic Activity from More Frequent Storm Damages? A Spatial Economic Analysis". Revisions requested at *Spatial Economic Analysis*.
- Aadland, D., D. Finnoff, **J. Hochard**, C. Sims. "What are the benefits of delisting endangered species and who receives them?". 2019. In review at *American Journal of Agricultural Economics*.
- Hochard, J.**, Y. Li, D. Finnoff, J. Shogren. "Beyond the Bonus: Reuniting and Adapting to Fragmented Habitat for Species Recovery".
- Hochard, J.** and Y. Li. "Anticipating Mother Nature: Uncertain Hurricane Forecasts Impair Birth Outcomes". 2019.
- Hochard, J.**, R. Etheridge, M. Gomez, Y. Li, A. Peralta, C. Sims and T. Vogel. "Casing out Contaminants: Avoidance Behavior Along the Hydrogeologic Gradient". 2019.
- Hochard, J.**, R. Etheridge, Y. Li, A. Peralta and C. Sims. "Prioritizing Conservation Efforts to Support Human Health at the Rural-Urban Fringe". 2019.
- Hochard, J.**, G. Howard, Y. Li, K. Clark, J. Whitehead. "Woman's Best Friend: Field Experiment Evidence of Charitable Giving and Canine Companions". 2019.
- LEAD-PI FUNDED EXTERNAL GRANTS National Science Foundation (NSF) Coastlines and People (CoPe) EAGER. "Establishing Interface Standards for Physical Exposure and Human Impacts Data Collection and Publication in Rapid Response to Coastal Hazards", \$299,464. 2019-2021.
- National Science Foundation (NSF) RAPID: Decision Risk and Management Sciences (DRMS). "Rural residents' self-protections to perceived and actual contamination risk in private drinking wells after Hurricane Florence", \$179,223. 2018-2019.
- Environmental Protection Agency Science to Achieve Results (STAR) Program. Integrating Human Health and Well-Being with Ecosystem Services. "Community-level Management of Human Health Risks from Concentrated Animal Feeding Operations (CAFOs) with Defensive Natural Capital Investments", \$399,226. 2017-2020.
- Oak Ridge Affiliated Universities Ralph E. Powe Junior Faculty Enhancement Award. "Storm Protection Services of Mangrove Forests", \$10,000. 2016.
- Center for Behavioral and Experimental Agri-Environmental Research. USDA Economic Research Service. "Reuniting and Adapting to Fragmented Habitat for Red Wolf Recovery", \$9,328. 2016.
- ADDITIONAL CONTRACTS World Bank Climate Change Group. "Climate change impacts on poverty in coastal ecosystems", subcontracted. 2014.
- EDITORIAL SERVICE Special issue guest editor (with **J.B. Kruse**), *Flood risk and economics symposium, Southern Economic Journal*, 2017-19.
- BOOK CHAPTERS **Hochard, J.** and E. Plous-Kresch. "Remote Sensing Supports Economic Inference in Developing Countries". Chapter 13 in Kruse, Crompvoets and Pearlman (eds). *GEOValue: The Socioeconomic Value of Geospatial Information*. Taylor and Francis Group, Boca Raton, Florida, 2017.
- Barbier, E. and **J. Hochard**. "Development, Ecology and the Environment" Chapter 33 in J. Ghosh, R. Kattel and R. Reinert (eds). *Elgar Handbook of Alternative Theories of Economic Development*. Edward Elgar, Cheltenham, UK, 2016.
- REPORTS AND COMMENTARIES J. Bernazneva, T. Garg and **J. Hochard**. "AERE Summer Conference: Papers on Developing Countries". *Economics That Really Matters Blog*. June, 2016.

E. Barbier and **J. Hochard**. February, 2015. “Geographical poverty traps in rural areas: a growing global problem”. *Let’s talk DEVELOPMENT: A blog hosted by the World Bank’s Chief Economist*. Featured on The World Bank Homepage.

E. Barbier and **J. Hochard**. January, 2015. “Identifying Geographical Poverty Traps in Rural Areas”. World Bank Research E-Newsletter.

E. Barbier and **J. Hochard**, 2014. “Land Degradation, Less Favored Lands and the Rural Poor: A Spatial and Economic Analysis.” A Report for the Economics of Land Degradation Initiative. Department of Economics and Finance, University of Wyoming. Available from: <http://www.eld-initiative.org>.

TEACHING	Fall 2018	Principles of Microeconomics	East Carolina University
	Fall 2017	Env. & Resource Economics (PhD level)	East Carolina University
	Spring 2017	Principles of Microeconomics	East Carolina University
	Fall 2016	Capstone Research Project	UNC-Chapel Hill
	Fall 2016	Principles of Microeconomics	East Carolina University
	Spring 2016	Principles of Microeconomics	East Carolina University
	Fall 2015	Principles of Microeconomics	East Carolina University
	Fall 2014	Principles of Macroeconomics	U. of Wyoming
Summer 2014	Principles of Macroeconomics	U. of Wyoming	

PRESENTATIONS AND SEMINARS	April 2019: Applications and Potential of Ecosystem Services Valuation (USDA - Washington DC)
	April 2019: Cornell University Social Cost of Water Pollution Workshop (Ithaca)
	March 2019: Water Resources Research Institute (Raleigh)
	March 2019: Old Dominion University Center for Coastal Physical Oceanography (Norfolk)
	June 2018: World Congress of Environmental and Resource Economists (Gothenburg)
	May 2018: United Nations Development Programme (New York)
	May 2018: US Environmental Protection Agency-Research Triangle Park (Raleigh)
	April 2018: Appalachian Experimental and Environmental Economics Workshop (Blowing Rock)
	April 2018: Nordic Annual Environmental and Resource Economics Workshop (Bergen)
	April 2018: Bergen Economics of Energy and Environment Research Conference (Bergen)
	March 2018: Colorado State University’s Department of Economics (Fort Collins)
	November 2017: Southern Economic Association AERE sessions (Tampa)
	October 2017: CBEAR Behavioral & Experimental Agri-Environmental Conference (Shepardstown)
	September 2017: UNC Chapel Hill’s Institute of Marine Sciences (Morehead City)
	June 2017: European Association for Environmental and Resource Economists (Athens)
	June 2016: World Bank’s Dynamic Decision and Planning Platform (Webinar - Washington DC)
	June 2016: Association of Environment and Resource Economists (Breckenridge)
	March 2016: Data to Decisions: Valuing the Social Benefits of Geospatial Information (Paris)
	February 2016: Social Coast Forum (Charleston)
	November 2015: Southern Economic Association AERE sessions (New Orleans)
	October 2015: Appalachian State University Seminar Series (Boone)
	October 2015: North Carolina State University CEnREP Lunch Colloquium (Raleigh)
	June 2015: World Bank’s Development Impact Evaluation Workshop in Transport and ICT (Rio)
August, 2014: North Carolina State University’s Camp Resources XXI (Wrightsville)	
July, 2014: World Conference on Natural Resource Modeling (Vilnius)	
June, 2014: World Congress of Environmental and Resource Economists (Istanbul)	
May, 2014: Midwest International Economic Development Conference (Minneapolis)	
January, 2014: Initiative for Policy Dialogue’s Advanced Graduate Workshop (Bangalore)	
June, 2013: World Conference on Natural Resource Modeling (Ithaca)	

AWARDS	2018 ECU Residence Hall Association Honored Instructor.
	2018 Harriot College of Arts and Sciences <i>Dean’s Early Career Award</i> .
	2018 East Carolina University <i>Coastal Scholar Award</i> .
	2017 EAERE Best Publication in <i>Environmental and Resource Economics</i> .

2017 East Carolina University *University Scholars Award*.
2015 University of Wyoming Promoting Intellectual Engagement (PIE) Teaching Award.
2014 Resource Modeling Association (RMA) Best Graduate Student Paper.

PROFESSIONAL
EXPERIENCE AND
SERVICE

ECU's Early Career Contributions in Climate and Coastal Science Seminar Series *Series Lead and Founder*.

Albermarle-Pamlico National Estuary Partnership *Technical Advisor*.

Coastal Maritime Council–East Carolina University. *Advisory Committee Member*.

National Institute of Food and Agriculture (NIFA)–Agricultural and Food Research Initiative (AFRI) Environmental and Natural Resource Economics Area Grants Program. *Review Panelist*.

Agricultural and Applied Economics Association (AAEA) *Review Panelist*.

Bureau of Land Management, U.S. Department of Interior, Gunnison, Colorado USA.
Summer resource and recreation management intern.

AFFILIATED
GROUPS

Agricultural and Applied Economics Association (AAEA)

The American Economic Association (AEA)

Association of Environmental and Resource Economists (AERE)

Northeast Agricultural and Resource Economics Association (NAREA)

Resource Modeling Association (RMA)

Southern Economic Association (SEA)

REFEREE SERVICE

Environmental and Resource Economics (4).

Ecological Economics (3).

American Journal of Agricultural Economics (2).

Environment and Development Economics (2).

Ecohealth.

Journal of Economic Behavior and Organization.

Journal of Environmental Economics and Management.

Journal of Flood Risk Management.

Journal of Housing Economics.

Marine and Resource Economics.

Resource and Energy Economics.

Sustainability.

PROFESSIONAL
REFERENCES

Dr. Edward Barbier

Professor of Economics

Senior Scholar, School of Global Environmental Sustainability

Colorado State University

+1.970.491.3321

Edward.Barbier@colostate.edu

Dr. Jamie Kruse

THCAS Distinguished Professor of Economics

Director, Center for Natural Hazards Research

East Carolina University

+1.252.328.5784

krusej@ecu.edu

Dr. John Whitehead

Professor of Economics

Appalachian State University

+1.828.262.6121

whiteheadjc@appstate.edu