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## APPOINTMENT

**Assistant Professor** – Oregon State University, 2015 – present  
Department of Applied Economics  
Coastal Oregon Marine Experiment Station

## EDUCATION

**Ph.D. Economics** – North Carolina State University, 2015  
Dissertation: *Quantifying the Welfare Effects of Adaptation to Climate Change & Biodiversity Loss in Coastal Areas*  
Committee: Roger H. von Haefen (chair), Laura O. Taylor, Martin D. Smith, & Walter N. Thurman

**M.S. Agricultural and Resource Economics** – University of Delaware, 2011  
Thesis: *Public Goods and Spatial Location: Stated Preference Prioritization with Spatial Interdependencies*  
Committee: Joshua M. Duke (chair), Kent D. Messer, Robert J. Johnston, & Titus O. Awokuse

**B.S. Natural Resource Management *cum laude*** – University of Delaware, 2003

## AWARDS & FELLOWSHIPS

Jenkins Dissertation Fellowship, North Carolina State University, 2014-2015  
Pre-Doctoral Fellowship in Environmental and Resource Economics, Arizona State University, 2014  
Outstanding Master's Thesis Award, Northeastern Agricultural & Resource Economics Association, 2012  
University Fellowship, North Carolina State University, 2011-2012  
Graduate Student Travel Grant, Northeastern Agricultural & Resource Economics Association, 2010 & 2011  
Outstanding Senior Award in Natural Resource Management, University of Delaware, 2003

## PUBLICATIONS

### JOURNAL ARTICLES

- Duke, J.M., **S.J. Dundas**, R.J. Johnston, and K.D. Messer. 2015. 'The Effect of Spatial Interdependencies on Prioritization and Payments for Environmental Services.' *Land Use Policy*, 48: 341-350.
- Duke, J.M., **S.J. Dundas**, R.J. Johnston, and K.D. Messer. 2014. 'Prioritizing Payment for Environmental Services: A Land Preservation Application Using Nonmarket Benefits and Costs for Optimal Selection.' *Ecological Economics* 105: 319-329.
- Duke, J.M., **S.J. Dundas**, and K.D. Messer. 2013. 'Cost-effective Conservation Planning: Lessons from Economics.' *Journal of Environmental Management* 125: 126-133.
- Fooks, J.R., **S.J. Dundas**, and T.O. Awokuse. 2013. 'Are there Efficiency Gains from the Removal of Natural Resource Export Restrictions? Evidence from British Columbia.' *The World Economy* 36: 1098-1114.

## ABSTRACTS & OTHER PUBLICATIONS

**Dundas, S.J.** 2012. 'Public Goods and Spatial Location: Stated Preference Prioritization with Spatial Interdependencies.' *Agricultural and Resource Economics Review*, 41(3): 391.

**Dundas, S.J.**, J.R. Fooks, and T.O. Awokuse. 2010. 'Welfare Gains from the Removal of Natural Resource Export Restrictions: The Case of British Columbia.' *Agricultural and Resource Economics Review*, 39(3): 586.

**Dundas, S.J.** November 2008. 'Alternative Thinking: The Explosive Development of Renewable Energy Technologies.' Photo Essay in *Going Green*. NJBIZ, New Brunswick, NJ: pp. 28-33.

## WORKING PAPERS (*Drafts available upon request*)

'Benefits and Ancillary Costs of Natural Infrastructure: Evidence from the New Jersey Coast'  
*Under Review*

'Weather Effects on the Demand for Coastal Recreational Fishing: Implications for a Changing Climate'  
(with R. von Haefen), *Under Review*

'Recreational Angler Losses from Off-Road Vehicle Restrictions on Cape Hatteras National Seashore'  
(with R. von Haefen and C. Mansfield), *Under Review*

## WORK IN PROGRESS

'Interacting Subsidies and Second-Best Policies: Implications for Benefit-Cost Analysis'

## GRANTS

*Assessing the Benefits of Natural Infrastructure for Shoreline Stabilization: Ecosystem Service Valuation for Decision-making in Coastal Communities*. PI. 2015-2018. NOAA National Centers for Coastal Ocean Science, \$1,350,000. (with D.J. Lewis, D.M. Kling, D.T. Cox, P. Ruggiero, C.E. Parrish, & S.D. Hacker).

## INVITED SEMINARS & PRESENTATIONS

2016 (scheduled): Challenges of Natural Resource Economics and Policy: 5th National Forum on Socioeconomic Research in Coastal Systems, W-3133 Annual Meeting, Oregon Resource and Environmental Economics Workshop

2015: AEA Annual Meeting (*AERE Sessions*), Louisiana State University (*Economics*), East Carolina University (*Economics/ICSP*), Oregon State University (*Applied Economics*), Coastal Oregon Marine Experiment Station, The College of New Jersey (*Economics*), University of Delaware (*SMSP*)

2014: Arizona State University (*CEESP*), Camp Resources, NBER Summer Institute (*EEE*)

2013: Camp Resources, North Carolina State University (*CEnREP*)

2011: AAEA and NAREA Joint Annual Meeting, Annual Meeting of the Society for Benefit-Cost Analysis, North Carolina State University (*CEnREP*)

2010: NAREA Annual Meeting

## TEACHING

COURSE (SEMESTERS TAUGHT)	UNIVERSITY	PROGRAM	AVERAGE RATING
Resource & Environmental Economics (2)	NC State	Undergraduate	4.6/5.0
Environmental Economics (1)	Meredith Coll.	Undergraduate	3.7/4.0
Environmental & Resource Economics (1)	Oregon State	Masters/Ph.D.	Winter 2016
Environmental Economics and Policy (1)	Oregon State	Undergraduate	Spring 2016

## STUDENT ADVISING

STUDENT	UNIVERSITY	PROGRAM	ROLE	INITIAL PLACEMENT
Cassie Finer	Oregon State	Ph.D.	Committee member	Current
Chris Mihiar	Oregon State	Ph.D.	Committee member	Current

## REFEREE / REVIEWER

*Agricultural and Resource Economics Review (1), Ecological Economics (1), Environmental Conservation (1), Environmental and Resource Economics (2), Global Environmental Change (1), Journal of Environmental Economics and Management (3), Marine Resource Economics (1)*

## PROFESSIONAL ASSOCIATION MEMBERSHIPS

American Economic Association (AEA), Agricultural and Applied Economics Association (AAEA), Association of Environmental and Resource Economists (AERE), Northeastern Agricultural and Resource Economics Association (NAREA)

## PROFESSIONAL DEVELOPMENT

Certificate of Accomplishment in Teaching – NCSU Graduate School, 2013-2014  
Graduate Teaching Assistant Training Program – Economics Graduate Program, NCSU, 2012.  
Professional Development Award – University of Delaware, 2010.  
Volunteer – PRETOMA sea turtle conservation project, *Costa Rica* 2002  
University of Delaware Study Abroad Program – Studied behavior of African wildlife under Richard Despard Estes, *Tanzania* 2001.

## OTHER PROFESSIONAL EXPERIENCE

### RESEARCH ASSISTANT

North Carolina State University, 2012 – 2013, for Roger H. von Haefen  
University of Delaware, 2009 – 2011, for Joshua M. Duke

### GRADUATE TEACHING ASSISTANT

Resource & Environmental Economics (*ARE 336*) – NCSU  
Introduction to Agricultural & Resource Economics (*ARE 201*) – NCSU  
Environmental Law & Economic Policy (*ARE 309: including online sections*) – NCSU  
Agricultural Law (*ARE 306*) – NCSU  
Environmental Economics (*APEC/ECON 343*) – University of Delaware

PHOTOJOURNALIST

Journal Publications Inc. – New Brunswick, NJ, 2006-2009

SENIOR ENVIRONMENTAL SCIENTIST

JMC Environmental Consultants – Bay Head, NJ, 2006

ENVIRONMENTAL SCIENTIST

Brennan Environmental Inc. – Summit, NJ, 2004-2006

GIS RESEARCH ASSOCIATE

Environmental Protection Agency, Emergency Response & Remedial Division – New York City, 2003

**REFERENCES**

Dr. Roger H. von Haefen  
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North Carolina State University  
Phone: (919) 515-8946  
Email: [roger\\_von\\_haefen@ncsu.edu](mailto:roger_von_haefen@ncsu.edu)

Dr. V. Kerry Smith  
Regents' Professor & W.P. Carey Professor of Economics  
Arizona State University  
Phone: (480) 727-9812  
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Dr. Laura O. Taylor  
Professor  
North Carolina State University  
Phone: (919) 513-3761  
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Dr. Tamah C. Morant (*Teaching Reference*)  
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North Carolina State University  
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