

STEVEN J. DUNDAS

CURRICULUM VITAE

Oregon State University
212 Ballard Extension Hall
Corvallis, OR 97331-3601

Phone: (541) 737-1402

Fax: (541) 737-1441

Email: Steven.Dundas@oregonstate.edu

Web: <http://www.stevenjdundas.com>

ACADEMIC APPOINTMENTS

Associate Professor – Oregon State University (2021 – present)

Department of Applied Economics – Corvallis, OR

Coastal Oregon Marine Experiment Station – Newport, OR

Assistant Professor – Oregon State University (2015 – 2021)

Department of Applied Economics – Corvallis, OR

Coastal Oregon Marine Experiment Station – Newport, OR

PROFESSIONAL APPOINTMENTS

Associate Editor – *Marine Resource Economics* (2024 – present)

EDUCATION

Ph.D. Economics – North Carolina State University (2015)

M.S. Agricultural and Resource Economics – University of Delaware (2011)

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

Minors: Resource Economics, Biology, Art (Photography)

ADVISORY APPOINTMENTS

Science Panel, Puget Sound Partnership (2021 – present)

Shore Friendly Advisory Committee, Washington Dept. of Fish & Wildlife (2023 – present)

Science Advisory Council, Cooperative Institute for Marine Ecosystem and Resources Studies (2019 – present)

Advisory Panel: *Assessing the Human Dimensions of Sea Otter Reintroduction*, California Ocean Science Trust (2021 – 2022)

Social Science Advisory Committee, Puget Sound Partnership (2017 – 2021)

Advisory Panel: *Statewide Planning Goal 18: Beaches and Dunes*, Oregon Department of Land Conservation and Development (2019)

ELECTED POSITIONS

USDA-NIFA W4133 Multistate Research Group

President (2021 – 2022)

Vice President (2020 – 2021)

Secretary (2019 – 2020)

AWARDS & FELLOWSHIPS (+ team awards)

- +W.K. Kellogg Foundation Community Engagement Scholarship Award, Association of Public and Land-Grant Universities (APLU) (2024)
- +Engagement Award of Excellence, Oregon State University (2023)
- Outstanding Article Award, *Marine Resource Economics* (2018)
- Distinguished New Professor of the Year, College of Agricultural Sciences, Oregon State University (2016)
- Gerald A. Carlson Outstanding Ph.D. Dissertation Award, North Carolina State University (2016)
- Pre-Doctoral Fellowship in Environmental Economics, Arizona State University (2014)
- Jenkins Fellowship, North Carolina State University (2014 – 2015)
- University Fellowship, North Carolina State University (2011 – 2012)
- Outstanding Master's Thesis Award, Northeastern Agricultural & Resource Economics Association (NAREA) (2012)
- Outstanding Senior Award in Natural Resource Management, University of Delaware (2003)

JOURNAL ARTICLES (* work from student dissertation/thesis; ^ senior authorship shared; Open Access)

-  Rupp, David E., Steven J. Dundas, Laura Mazaud, and Suzanne de Szoeko. *Forthcoming*. How Tourists 'Escaping the Heat' May Drive Future Increases in Municipal Water Demand in Oregon Coastal Communities. *Discover Water*. Preprint: [10.21203/rs.3.rs-3988942/v1](https://doi.org/10.21203/rs.3.rs-3988942/v1)
- Beasley, W. Jason* and Steven J. Dundas. 2024. Recreational Cannabis Dispensary Access Effects on Prescription Opioid Use and Mortality. *Regional Science and Urban Economics* 108: 104036. doi: [10.1016/j.regsciurbeco.2024.104036](https://doi.org/10.1016/j.regsciurbeco.2024.104036)
-  Hashida, Yukiko and Steven J. Dundas. 2024. Barriers to Coastal Managed Retreat: Evidence from New Jersey's Blue Acres Program. *Marine Resource Economics* 39 (3): 179 – 205. doi: [10.1086/729868](https://doi.org/10.1086/729868)
- Krivova, Maria*, Michael J. Olsen, Jonathan C. Allan, Christopher E. Parrish, Ben A. Leshchinsky, Andrew Senogles, Joan Herrmann, and Steven J. Dundas. 2024. Vulnerability Assessment of Risk for a Coastal Highway in Oregon, USA. *Journal of Coastal Research* 40 (4): 714 – 739, doi: [10.2112/JCOASTRES-D-23-00008.1](https://doi.org/10.2112/JCOASTRES-D-23-00008.1)
-  Lowe Mackenzie, Ashley C.*, Steven J. Dundas and Bo Zhao. 2024. The Instagram Effect: Is Social Media Influencing Visitation to Public Land? *Land Economics* 100 (2): 256 – 277. doi: [10.3368/le.100.2.122920-0192R1](https://doi.org/10.3368/le.100.2.122920-0192R1)
- Hashida, Yukiko and Steven J. Dundas. 2023. The Effects of a Voluntary Property Buyout and Acquisition Program on Coastal Housing Markets: Evidence from New York. *Journal of Environmental Economics and Management* 121: 102873. doi: [10.1016/j.jeem.2023.102873](https://doi.org/10.1016/j.jeem.2023.102873)
-  Nguyen, Tu*, David M. Kling, Steven J. Dundas, Sally D. Hacker, Daniel K. Lew, Peter Ruggiero, and Katherine Roy. 2023. Quality over Quantity: Non-market Values of Restoring Coastal Dunes in the US Pacific Northwest. *Land Economics* 99 (1): 63 – 79. doi: [10.3368/le.040721-0036R](https://doi.org/10.3368/le.040721-0036R)

- ⑧ Lewis, David J., David M. Kling, Steven J. Dundas, and Daniel K. Lew. 2022. Estimating the Value of Threatened Species Abundance Dynamics. *Journal of Environmental Economics and Management* 113: 102639. doi: [10.1016/j.jeem.2022.102639](https://doi.org/10.1016/j.jeem.2022.102639)
- Jensen, Alexander J.*, Steven J. Dundas, and James T. Peterson. 2022. Phenomenological and Mechanistic Modeling of Recreational Angling Behavior Using Creel Data. *Fisheries Research* 249: 106235. doi: [10.1016/j.fishres.2022.106235](https://doi.org/10.1016/j.fishres.2022.106235)
- Dundas, Steven J., and Roger H. von Haefen. 2021. The Importance of Data Structure and Non-linearities in Estimating Climate Impacts on Outdoor Recreation. *Natural Hazards* 107 (3): 2053 – 2075. doi: [10.1007/s11069-020-04484-w](https://doi.org/10.1007/s11069-020-04484-w)
- ⑧ Beasley, W. Jason* and Steven J. Dundas. 2021. Hold the Line: Modeling Private Coastal Adaptation through Shoreline Armoring Decisions. *Journal of Environmental Economics and Management* 105: 102397. doi: [10.1016/j.jeem.2020.102397](https://doi.org/10.1016/j.jeem.2020.102397)
 ➤ **Cited in the 2023 Economic Report of the President (PDF)**
- Parton, Lee C. and Steven J. Dundas. 2020. Fall in the Sea, Eventually? A Green Paradox in Climate Adaptation for Coastal Housing Markets. *Journal of Environmental Economics and Management* 104: 102381. doi: [10.1016/j.jeem.2020.102381](https://doi.org/10.1016/j.jeem.2020.102381)
- ⑧ Dundas, Steven J.^, Arielle S. Levine^, Rebecca L. Lewison^, Angee N. Doerr, Crow White, Aaron W. E. Galloway, Corey Garza, Elliott L. Hazen, Jacqueline Padilla-Gamino, Jameal F. Samhour, Ana Spalding, Adrian Stier and J. Wilson White. 2020. Integrating Oceans into Climate Policy: Any Green New Deal Needs a Splash of Blue. *Conservation Letters* 13 (5): e12716. doi: [10.1111/conl.12716](https://doi.org/10.1111/conl.12716)
- ⑧ Dundas, Steven J. and David J. Lewis. 2020. Estimating Option Values and Spillover Damages for Coastal Protection: Evidence from Oregon’s Planning Goal 18. *Journal of the Association of Environmental and Resource Economists* 7 (3): 519 – 554. doi: [10.1086/708092](https://doi.org/10.1086/708092)
- Dundas, Steven J. and Roger H. von Haefen. 2020. The Effects of Weather on Recreational Fishing Demand and Adaptation: Implications for a Changing Climate. *Journal of the Association of Environmental and Resource Economists* 7 (2): 209 – 242. doi: [10.1086/706343](https://doi.org/10.1086/706343)
 ➤ **Cited in the 2023 Economic Report of the President (PDF)**
- ⑧ Darr, Katherine D.*, Jennifer L. East, Sarah Seabrook, Steven J. Dundas, and Andrew R. Thurber. 2020. The Deep Sea and Me: Using a Science Center Exhibit to Promote Lasting Public Literacy and Elucidate Public Perception of the Deep Sea. *Frontiers in Marine Science* 7:159. doi: [10.3389/fmars.2020.00159](https://doi.org/10.3389/fmars.2020.00159)
- ⑧ Lewis, David J., Steven J. Dundas, David M. Kling, Daniel K. Lew, and Sally D. Hacker. 2019. The Non-market Benefits of Early and Partial Gains in Managing Threatened Salmon. *PLOS One* 14 (8): e0220260. doi: [10.1371/journal.pone.0220260](https://doi.org/10.1371/journal.pone.0220260)
- Dundas, Steven J., Roger H. von Haefen, and Carol Mansfield. 2018. Recreation Costs of Endangered Species Protection: Evidence from Cape Hatteras National Seashore. *Marine Resource Economics* 33 (1): 1 – 25. doi: [10.1086/694752](https://doi.org/10.1086/694752)
 ➤ **2018 Marine Resource Economics Outstanding Article Award**

- Dundas, Steven J. 2017. Benefits and Ancillary Costs of Natural Infrastructure: Evidence from the New Jersey Coast. *Journal of Environmental Economics and Management* 85: 62 – 80. doi: [10.1016/j.jeem.2017.04.008](https://doi.org/10.1016/j.jeem.2017.04.008)
- Duke, Joshua M., Steven J. Dundas, Robert J. Johnston, and Kent D. Messer. 2015. The Effect of Spatial Interdependencies on Prioritization and Payments for Environmental Services. *Land Use Policy*, 48: 341 – 350. doi: [10.1016/j.landusepol.2015.05.023](https://doi.org/10.1016/j.landusepol.2015.05.023)
- Duke, Joshua M., Steven J. Dundas, Robert J. Johnston, and Kent 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. doi: [10.1016/j.ecolecon.2014.06.014](https://doi.org/10.1016/j.ecolecon.2014.06.014)
- Duke, Joshua M., Steven J. Dundas, and Kent D. Messer. 2013. Cost-effective Conservation Planning: Lessons from Economics. *Journal of Environmental Management*, 125: 126 – 133. doi: [10.1016/j.jenvman.2013.03.048](https://doi.org/10.1016/j.jenvman.2013.03.048)
- Fooks, Jacob R., Steven J. Dundas, and Titus 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. doi: [10.1111/twec.12041](https://doi.org/10.1111/twec.12041)

WORKING PAPERS

- Beasley, W. Jason and Steven J. Dundas. Navigating the Shift: Homeowner Perspectives on Managed Retreat along Lake Michigan.
- Dundas, Steven J. Climate Change and Nonmarket Valuation.
- Hadziomerspahic, Amila*, and Steven J. Dundas. Tsunami Risk and Information Shocks: Evidence from the Oregon Housing Market.
- Hadziomerspahic, Amila*, Sonja H. Kolstoe, and Steven J. Dundas. Cleaning Matters! Lessons Learned from Comparing Response Behaviors and Willingness to Pay in Address-Based and Online Panel Samples.
- Jung, Suhyun, Steven J. Dundas, Jack Reid, and Danielle Wood. Gaps in Mangrove Forest Data and Valuation Methods Limit Understanding of Socioeconomic Benefits.
- Lew, Daniel K., David J. Lewis, Steven J. Dundas, and David M. Kling. Caution Ahead: Do Respondents Ignore Future Payments in Stated Preference Questions?
- Lowe Mackenzie, Ashley. C.*, and Steven J. Dundas. Is a Photo Worth a 1,000 Likes? The Influence of Instagram at National Parks.
- Wang, Yuhan, Steven J. Dundas, Amila Hadziomerspahic, Beth M. Haley, and Sonja H. Kolstoe. Wildfire Impacts on the Value of Safe Drinking Water: Evidence from Housing in Oregon's Willamette Basin.

TECHNICAL REPORTS († peer-reviewed)

- Olsen, Michael J., Jonathan C. Allan, Steven J. Dundas, Maria Krivova, Ben A. Leshchinsky, Andrew Senogles, Joan Herrmann, Christopher E. Parrish, and Ashley Lowe Mackenzie.

2024. *US Highway 101 Coastal Hazard Vulnerability and Risk Assessment for Mitigation Prioritization*. Oregon Department of Transportation and the Federal Highway Administration, Technical Report FHWA-OR-RD-21-01. 267 pp. [PDF](#)

† Dundas, Steven J., Susan Capalbo, and James Sterns. 2023. *The Economic Implications of Climate Change for Oregon*. In: Fleishman, E. (ed.) Sixth Oregon Climate Assessment. Corvallis, OR: Oregon Climate Change Research Institute. pp. 134 – 157. doi: [10.5399/osu/1161](https://doi.org/10.5399/osu/1161)

Kone, Dominique, Kelly Biedenweg, Angee N. Doerr, Steven J. Dundas, Peter Nelson, Rebecca Niemiec, and Anthony Rogers. 2022. *Establishing a Roadmap for Incorporating Social Science and Human Dimensions into Potential Sea Otter Reintroductions on the U.S. West Coast*. Sacramento, CA: California Ocean Science Trust. 42 pp. [PDF](#)

Shaw, Graham R. *, and Steven J. Dundas. 2021. *Socio-Economic Impacts of the Southern Flow Corridor Restoration Project: Tillamook Bay, Oregon*. Garibaldi, OR: Tillamook Estuaries Partnership. Silver Spring, MD: NOAA Fisheries, Restoration Center. 47 pp. doi: [10.25923/w8c8-v180](https://doi.org/10.25923/w8c8-v180)

EXTENSION PUBLICATIONS

Dundas, Steven J., and Roger H. von Haefen. 2018. Conflict on Public Lands: The Case of ORV Restrictions in Cape Hatteras National Seashore. *NC State Economist*, Summer 2018. [PDF](#)

PROCEEDINGS

Dundas, Steven J. 2022. Economic and policy implications for coastal housing markets facing sea level rise and erosion. In: Conway-Cranos, Letitia, Jason. D. Toft, David J. Trimbach, Hannah Faulkner, Jay Krienitz, Daron Williams, and S. Des Roches (eds.) *The 2021 Puget Sound Nearshore Restoration Summit Proceedings*. Olympia, WA: Washington Department of Fish and Wildlife. p. 46-47. [PDF](#)

WORK IN PROGRESS

A Conceptual Model for Balancing Beach and Dune Ecosystem Service Management under Climate Change (with Sally D. Hacker, Paige A. Hovenga*, Katya Jay*, Rebecca S. Mostow*, and Peter Ruggiero)

Environmental Justice and Managed Retreat (with Yukiko Hashida)

Optimizing Nonmarket Ecosystem Service Flows from Coastal Landscapes under Climate Change (with Emma A. Gjerdsseth, Sally D. Hacker, Peter Ruggiero, John S. Stepanek, and Mohsen Taherkhani)

Capitalization of Climate Risk and Landscape Features in Coastal Housing Markets (with Emma A. Gjerdsseth*)

The Green Rush? Cannabis Legal Status and Agricultural Land Values (with W. Jason Beasley)

Valuing Information and Perceived Risk from Water Contamination Discoveries (with Lee C. Parton)

OTHER PUBLISHED WRITING

- Levine, Arielle S., Rebecca L. Lewison and Steven J. Dundas. Op-ed, *Capitol Weekly*. Teal Deal: Add Blue to the Green New Deal. May 26th, 2020. [Link](#)
- Dundas, Steven J. 2012. Public Goods and Spatial Location: Stated Preference Prioritization with Spatial Interdependencies. *Agricultural and Resource Economics Review*, 41(3): 391. (abstract)
- Dundas, Steven J., Jacob R. Fooks, and Titus 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. (abstract)

GRANTS (12 awards, \$24.1 million in total funding)

- Lead PI** U.S. Forest Service Pacific Northwest Research Station. 2023 – 2026. \$235,000.
Estimating the Economic Value of Wildfire Impacts on Ecosystem Services in Watersheds.
- NOAA National Centers for Coastal Ocean Science (NCCOS). 2015 – 2023. \$1,399,960.
Assessing the Benefits of Natural Infrastructure for Shoreline Stabilization: Ecosystem Service Valuation for Decision-making in Coastal Communities.
- Co-PI** National Science Foundation. 2024. \$649,991
Equity in Water Information for Community Capacity Building
- NOAA NCCOS Effects of Sea Level Rise (ESLR) Program. 2023 – 2025. \$498,689.
Using ESLR-funded Datasets and Tools to Evaluate Alternative Backshore Management Options along US Pacific Northwest Coastlines.
- Oregon Department of Transportation. 2020 – 2023. \$289,500.
US Highway 101 Coastal Hazard Vulnerability and Risk Assessment for Mitigation Prioritization.
- NOAA NCCOS ESLR Program. 2019 – 2024. \$748,536.
Optimizing the Ecosystem Services of US Pacific Northwest Coastal Beaches and Dunes through Adaptation Planning.
- NOAA Coastal and Ocean Climate Applications Program. 2019 – 2023. \$299,449.
Assessing Climate-Related Risk and Adaptation Options for Water Suppliers along the Oregon Coast.
- Oregon Sea Grant LEAF, 2018 – 2024. \$873,628.
Envisioning a Resilient Oregon Coast: Co-developing Alternative Futures for Adaptation Planning and Decision-Making.
- **2024 APLU W.K. Kellogg Foundation Community Engagement Scholarship Award**
- **2023 OSU Engagement Award of Excellence**
- Oregon Sea Grant SEED, 2017 – 2018. \$47,323.
The Value of Oregon's Deep-Sea Habitat to Oregonians.

Oregon Sea Grant SEED, 2017 – 2018. \$49,822.

Envisioning a Resilient Oregon Coast: Co-developing Alternative Futures for Adaptation Planning and Decision-Making.

Co-1 National Science Foundation, 2021 – 2026. \$18,896,138.
The Cascadia Coastlines and People Hazards Research Hub.

National Science Foundation, 2018 – 2019. \$100,000.
Engineering Research Center for Adaptive and Resilient Coastal Infrastructure.

INVITED SEMINARS & CONFERENCE PRESENTATIONS

- 2024: USDA/NIFA W-5133 Multistate Project Annual Meeting (*Fort Collins, CO*)
University of Alaska Anchorage (*Dept. of Economics, Anchorage, AK*)
University of Hawai'i at Mānoa (*Dept. of Economics, virtual*)
Association of Environmental and Resource Economists (AERE) Summer Conference (*Washington, D.C.*)
Cascadia CoPes Hub & Cascadia Coastal Hazards Research Coordination Network Seminar Series (*Virtual*)
7th Annual Social Cost of Water Pollution Workshop (*Washington, D.C.*)
- 2023: USDA/NIFA W-5133 Multistate Project Annual Meeting (*New Orleans, LA*)
AERE Summer Conference (*Portland, ME*)
- 2022: USDA/NIFA W-4133 Multistate Project Annual Meeting (*Hood River, OR*)
Oregon State of the Dunes Workshop (*Newport, OR*)
- 2021: Puget Sound Nearshore Restoration Summit (*Virtual*)
USDA/NIFA W-4133 Multistate Project Annual Meeting (*Virtual*)
- 2020: USDA/NIFA W-4133 Multistate Project Annual Meeting (*Athens, GA*)
AERE Summer Conference (*Virtual*)
- 2019: USDA/NIFA W-4133 Multistate Project Annual Meeting (*Santa Fe, NM*)
AERE Summer Conference (*Incline Village, NV*)
Estuary Science Symposium (*Tillamook, OR*)
Hatfield Marine Science Center (*Newport, OR*)
- 2018: USDA/NIFA W-4133 Multistate Project Annual Meeting (*Austin, TX*)
Western Economic Association International 93rd Annual Conference (*Vancouver, BC*)
World Congress of Environmental and Resource Economists (*Gothenburg, Sweden*)
Boise State University (*Dept. of Economics, Boise, ID*)
- 2017: USDA/NIFA W-3133 Multistate Project Annual Meeting (*Carlsbad, CA*)
AERE Summer Conference (*Pittsburgh, PA*)
Ecological Society of America Annual Meeting (*Portland, OR*)
Oregon Resource and Environmental Economics Workshop (*Salem, OR*)
- 2016: USDA/NIFA W-3133 Multistate Project Annual Meeting (*Portland, OR*)
5th National Forum on Socioeconomic Research in Coastal Systems (*New Orleans, LA*)
AERE Summer Conference (*Breckenridge, CO*)

Agricultural and Applied Economics Association (AAEA) Annual Meeting (*AERE Sessions, Boston, MA*)
OneNOAA Science Seminar (*Silver Spring, MD*)

2015: American Economic Assoc. (AEA) Annual Meeting (*AERE Sessions, Boston, MA*)
Louisiana State University (*Dept. of Economics, Baton Rouge, LA*)
East Carolina University (*Economics/ICSP, Greenville, NC*)
Oregon State University (*Dept. of Applied Economics, Corvallis, OR*)
Coastal Oregon Marine Experiment Station (*Newport, OR*)
The College of New Jersey (*Dept. of Economics, Ewing, NJ*)
University of Delaware (*School of Marine Science and Policy, Newark, DE*)

2010 - 2014:

NBER Summer Institute (*Environ. and Energy Economics, Cambridge, MA; 2014*)
Arizona State University (*Center for Environmental Economics & Sustainability Policy, Tempe, AZ; 2014*)
Camp Resources (*Wrightsville Beach, NC; 2013, 2014*)
North Carolina State University (*Center for Environmental & Resource Economic Policy; 2011, 2013*)
AAEA and NAREA Joint Annual Meeting (*Pittsburgh, PA; 2011*)
Annual Meeting of the Society for Benefit-Cost Analysis (*Washington, DC; 2011*)
NAREA Annual Meeting (*Atlantic City, NJ; 2010*)

POST-DOCTORAL ADVISING

Yuhan Wang, Post-Doctoral Scholar (2023 – 2024)

Project: Estimating the Economic Value of Wildfire Impacts on Ecosystem Services in Watersheds

GRADUATE ADVISING

Chair/Major Professor

Current (2)

Sonali Rakshit, Ph.D. Applied Economics (exp. 2028)

Jace Bell, M.S. Marine Resource Management (exp. 2026)

Completed (8)

Ph.D.

Ashley C. Lowe Mackenzie, Ph.D. Applied Economics (2023)

Dissertation: Understanding the New Outdoor Recreation Paradigm in the Era of Social Media and Increasing Public Health Advisories

Placement: Post-Doctoral Fellow, Dept. of Natural Resources & Environmental Management, University of Hawai'i at Mānoa

Current: Assistant Professor, Dept. of Natural Resources & Environmental Management, University of Hawai'i at Mānoa

Amila Hadziomerspahic, Ph.D. Applied Economics (2022)

Dissertation: Valuing Coastal Risk with Revealed and Stated Preference Methods

Placement: Economist, National Center for Environmental Economics, U.S.
Environmental Protection Agency

W. Jason Beasley, Ph.D. Applied Economics (2019)

Dissertation: Beaches, Wine, and Weed: Economic Implications of Land Use Changes in Oregon

Placement: Assistant Professor, Dept. of Economics, Western Michigan University

M.S. Thesis

Graham Shaw, M.S. Marine Resource Management (2021)

Thesis: Understanding the Economic Benefits of Tidal Wetlands Restoration

Placement: Endangered Species Act Consulting Specialist, Lynker Technologies

M.S. Project

Sandra Namukaya, M.S. Applied Economics (2024)

Mya Juliet Kyaw, M.S. Applied Economics (2021)

Amila Hadziomerspahic, M.S. Applied Economics (2020)

Ashley Lowe Mackenzie, M.S. Applied Economics (2020)

Committee Member

Current (9)

Ph.D. Applied Economics: Nazrina Haque (exp. 2026), Yuhan Hu (exp. 2026), Laura Mazaud (exp. 2026), Richard Acquah-Sarpong (exp. 2026), Brian Pérez Eisenbarth (exp. 2027), Cade White (exp. 2027)

Graduate Council Representative (GCR) for 3 students: Public Policy (2), Fisheries, Wildlife and Conservation Science (1)

Completed (34)

Ph.D. Applied Economics: Emma Gjerdseth (2024), Amod Sugiyama (2024), Yuhan Wang (2023), Rusty Dame (2023), Zichu Zhao (2023), Kelsey Johnson (2022), Nadeeka Weerasekara (2022), Jian Shi (2021), Tu Nguyen (2020), Cassie Finer (2019), Chris Mihiar (2018)

Ph.D. Fisheries Science: Alexander Jensen (2021)

M.S. Applied Economics: Chiza Grace Mulembetsi (2022), Lima Hossain (2020), Grant Zimmerman (2020), Elaine Jordan (2018), Matthew Lundgren (2017)

M.S. Marine Resource Management: Keiko Nomura (2020), Katherine D. Darr (2019)

M.S. Fisheries Science: Kerrick Robinson (2018)

M.S. Fisheries, Wildlife and Conservation Science: Margaret Campbell (2024)

M.S. Geography: Stefan Rose (2021)

GCR for 12 students: Marine Resource Management (4), Forest Ecosystems & Society (2), Fisheries Science (2), Forest Engineering, Resources & Management (1), Integrative Biology (1), Ocean, Earth, and Atmospheric Sciences (1), Water Resources Policy & Management (1)

UNDERGRADUATE ADVISING

Honors Thesis

Hayes Blackman, B.S. Environmental Economics and Policy (exp. 2025)

Carissa O'Donnell, B.S. Environmental Economics and Policy (2024)

Thesis: The Campus Commute: Justification and Implementation of Shared Micromobility Programs on University Campuses

Experiential Learning

Julia Portaro, B.S. Environmental Economics and Policy (exp. 2025)

Alexander Wilson, B.S. Environmental Economics and Policy (2020)

Project: Water Farming: Filling the Risk Gap between Reservoirs and Wetlands with Managed Agricultural Flood Plains

Jack Hobbs, B.S. Environmental Economics and Policy (2019)

Project: Estimating the Effect of Fare-less Bus Systems on Housing Prices

Lauryn J. Moore, B.S. Environmental Economics and Policy (2019)

Project: Native Oyster Restoration for Healthy Estuaries and a Resilient Oregon Coast

Internship Mentor

Eric Didion, University of Florida (2016)

Project: Geospatial Data Generation for Economic Analyses of the Oregon Coast

Independent Study Advisor

Melissa Carson (2019), Joshua Fuller (2018)

TEACHING

Course Title (Terms, Total # of Students)	Univ.	Median Rating
AEC 122: Intro. Climate Change Econ. & Policy (3, 254)	OSU	5.7 / 6.0
AEC/ECON 352: Environmental Economics & Policy (8, 536)	OSU	5.4 / 6.0
AEC 550: Environ. & Natural Resource Economics (8, 59)	OSU	5.9 / 6.0
AEC 653: Empirical Environ. & Resource Economics (4, 36)	OSU	6.0 / 6.0
AEC 122 <i>Ecampus</i> (1, 31)	OSU	5.6 / 6.0
AEC 352 <i>Ecampus</i> (1, 25)	OSU	5.6 / 6.0
ARE/EC 336: Resource & Environmental Economics (2, 108)	NCSU	4.6 / 5.0
ECO 311: Environmental Economics (1, 25)	Meredith	3.7 / 4.0

New Course Development

AEC 122: Introduction to Climate Change Economics & Policy (2021)

AEC 122: Introduction to Climate Change Economics & Policy *Ecampus* (2021)

AEC 352: Environmental Economics & Policy *Ecampus* (2020)

AEC 653: Empirical Environmental & Resource Economics (2017)

Guest Lectures

MRM 530: Principles and Practice of Marine Resource Management

Valuation of Ecosystem Services in Marine Environments (2020 – 2024)

AGRI 438: Exploring World Agriculture

Economics of Marine Reserves (2018)

SUS 103: Introduction to Climate Change

Economics and Climate Change (2017)

PROFESSIONAL SERVICE

Reviewer

Journals

Journal of Environmental Economics and Management (14), *Journal of the Association of Environmental and Resource Economists* (7), *Environmental and Resource Economics* (6), *Marine Resource Economics* (5), *Land Economics* (4), *American Journal of Agricultural Economics* (3), *Resource and Energy Economics* (3), *Ecological Economics* (2), *Nature Communications* (2), *Agricultural and Resource Economics Review*, *Canadian Journal of Agricultural Economics*, *Coastal Management*, *Economic Inquiry*, *Environmental Conservation*, *Global Environmental Change*, *Land Use Policy*, *Journal of the Agricultural and Applied Economics Association*, *Journal of Agricultural and Resource Economics*, *Journal of Environmental Management*, *Nature Climate Change*, *Nature Sustainability*, *PLOS One*, *Proceedings of the National Academy of Sciences*, *Water Economics and Policy*

Book/Report Chapters

Fifth Oregon Climate Assessment - Oregon Climate Change Research Institute

Coastal Wetlands: An Integrated Ecosystem Approach, 2nd Edition – Elsevier Science

Grant Review Panels

NSF Science of Science: Discovery, Communication, and Impact

NOAA Effects of Sea Level Rise Program

NOAA Ocean Acidification Program

Oregon Sea Grant

Woods Hole Sea Grant

Professional Associations

AERE Scholars Program, All-Cohort Workshop Planning Committee (2024 – 2025)

AERE Scholars Program, Committee Member (2022 – 2024)

AERE Scholars Leadership Workshop, Planning Committee and Facilitator (2023)

AERE Scholars Program, Mentor (2021 – 2022)

AAEA Quality of Communication Award, Selection Committee Member (2019 – 2021)

AAEA Annual Meeting, Topic Leader: *Environmental & Nonmarket Valuation* (2018 – 2020)

AAEA Annual Meeting, Reviewer of Abstract Submissions (2016 – 2020)

UNIVERSITY SERVICE

University

Pre-Doctoral Scholars Program, Faculty Mentor (2023)
Invited Speaker, OSU Foundation “Believe It” Campaign Launch Event (2022)
Beaver Connect Mentor Program (2018 – 2020)
Marine Studies Initiative (MSI) Research Development Committee (2016 – 2017)
MSI Planning Retreat (2017)
MSI Academic Development Roundtable (2017)
OSU 2030 Vision Focus Group (2017)

College of Agricultural Sciences

Search Committee, AEC Department Head (2024)
Search Committee, Director, Coastal Oregon Marine Experiment Station (2022 – 2023)
CAS Graduate Programs Advisory Committee (2016 – 2020)

Department of Applied Economics

AEC Working Group workshop coordinator (2018 – present)
AEC Undergraduate Mentoring Program (2021 – 2022)
AEC Graduate Committee (2015 – 2022)
Search Committee, Executive Director of IIFET and NAAFE (2018 – 2019)
Invited Speaker, Law, Economics, Environment, Agriculture, & Policy Club (2018, 2023)

OUTREACH & PUBLIC SERVICE

Public lecture, Oregon Coastal Management Program, Oregon Shores Conservation Coalition, & Oregon King Tide Photo Project (Newport, OR – Dec. 14th, 2018; Virtual – Jan. 7th, 2021)
Invited Panelist, *Hazard Happenings!* Oregon Department of Land Conservation and Development (Virtual – October 29th, 2020)
Invited Panelist, *Best Practices in Ecosystem Services Valuation*, Puget Sound Partnership (Virtual – August 31st, 2017)
Invited Panelist, *Goal 18 Solutions: Does It Provide Flexibility to Deal with Climate Change?* 5th Annual Oregon Coast Economic Summit (North Bend, OR – August 9th, 2016)
Invited Participant, Oregon Ocean Science Trust Summit, (Newport, OR – May 11-12, 2016)

PROFESSIONAL DEVELOPMENT

Core Education Course Adaptation and Design Institute – OSU Workshop (March 2024)
Government-to-Government Tribal Training – OSU Workshop (November 2023)
Environmental Justice Research in Economics: Context, Tools, and Methodologies – AERE Virtual Workshop (October 2022)
Social Justice Education Initiative Training – OSU Professional Development (July 2020)
Developing an Online Course – OSU Ecampus Course Development (Summer 2019)

COMPASS Science Communication Workshop: *Navigating West Coast Ocean Change* – Pacific Grove, CA (January 16-18, 2019)
People & Nature (Environmental Social Science) Peer Group – OSU (2015 – 2017)
Certificate of Accomplishment in Teaching – NCSU Graduate School (2013 – 2015)
Graduate Teaching Assistant Training Program – NCSU (2012)
Professional Development Award – University of Delaware (2010)
Volunteer – PRETOMA sea turtle conservation project, *Costa Rica* (2002)
U. of Delaware Study Abroad Program – Studied behavior of African wildlife under Richard Despard Estes, *Tanzania* (2001).

PROFESSIONAL ASSOCIATION MEMBERSHIPS

AERE, AAEA

CONSULTING

California Ocean Science Trust – Sacramento, California (2022)
Tillamook Estuaries Partnership – Garibaldi, Oregon (2019 – 2021)

SELECTED MEDIA COVERAGE

Podcasts and Radio Interviews

[Does Instagram lead to overcrowding in Oregon Parks?](#) *Peak Northwest* podcast, December 2023.

[The ecological restoration project that exceeded expectations.](#) *Jefferson Public Radio* (NPR affiliate), January 2022.

[The economics governing coastal armoring trends.](#) *American Shoreline Podcast*, January 2021.

Off-road vehicle restriction benefits outweigh costs for national seashore. *WUNC* (NPR affiliate), January 2018.

Newspaper/Magazine Articles

[Study finds lower opioid prescription rates in areas with cannabis dispensaries nearby.](#) *High Times*, June 2024.

[How much can we blame Instagram for overcrowding in Oregon Parks?](#) *The Oregonian*, October 2023.

[Is Instagram making the great outdoors more crowded?](#) *Oregon Public Broadcasting*, October 2023.

[Is ocean policy key to solving climate change?](#) *The Regulatory Review*, August 2023.

[Neighbors influence coastal landowners' decisions to armor shorelines against erosion, rising seas.](#) *ScienceBlog*, January 2021.

[This is how oceans can be used to help fight climate change.](#) *The World Economic Forum*, June 2020.

[Tradeoffs in armoring Oregon beachfront homes.](#) *KTVZ Bend*, February 2020.

[Climate change may make some days too darned hot to fish off the Southeast coast.](#) *The Charlotte Observer*, October 2019.

[Research puts economic value on endangered species.](#) *Farm Progress*, September 2019.

OTHER PROFESSIONAL EXPERIENCE

Graduate Research Assistant

NCSU, 2012 – 2013, for Roger von Haefen

U. of Delaware, 2009 – 2011, for Joshua Duke

Graduate Teaching Assistant

Resource & Environmental Economics (*ARE/EC 336* – NCSU)

Introduction to Agricultural & Resource Economics (*ARE 201* – NCSU)

Environmental Law & Economic Policy (*ARE 309* – NCSU)

Agricultural Law (*ARE 306* – NCSU)

Environmental Economics (*APEC/ECON 343* – U. of Delaware)

Photojournalist

NJBIZ and Journal Publications, Inc. – New Brunswick, NJ, 2006 – 2009

Sr. Environmental Scientist

JMC Environmental Consultants – Bay Head, NJ, 2006

Environmental Scientist

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

GIS Research Associate

U.S. Environmental Protection Agency Region 2 – New York, NY, 2003