

## YUKIKO HASHIDA

Agricultural and Applied Economics  
 University of Georgia  
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### Academic Positions

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2019 - Assistant Professor, Agricultural & Applied Economics, University of Georgia  
 Faculty affiliate: (1) UGA Center for Integrative Conservation Research, (2) Institute for Resilient Infrastructure Systems  
 Graduate Faculty, UGA Graduate School  
 2017 - 2019 Postdoctoral Associate, School of Environment, Yale University

### Research Areas

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Environmental and natural resource economics; climate change mitigation and adaptation; natural resource management; land use and land-use change; natural capital asset pricing; valuation of ecosystem service benefits; wildlife conservation; natural disaster and disturbance

### Education

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Ph.D. Applied Economics, Oregon State University, Corvallis, Oregon, 2017  
 M.A. Applied Economics, University of Michigan, Ann Arbor, Michigan, 2007  
 M.A. Finance, Tufts University, Medford, Massachusetts, 2002  
 B.A. Law, Hitotsubashi University, Tokyo, Japan, 1998

### Peer-reviewed Publications

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**Yukiko Hashida**, David J. Lewis, and Karen Cummins. 2024. "Prescribed Fires as a Climate Change Adaptation Tool." *Journal of Environmental Economics and Management*, In Press, November, 103081

**Yukiko Hashida** and Steven Dundas. 2024. "Barriers to Managed Retreat Policy Uptake in Coastal Areas: Evidence from New Jersey's Blue Acres Program." *Marine Resource Economics*, Volume 39, Number 5

**Yukiko Hashida** and Steven 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*, Volume 121

**Yukiko Hashida** and David J. Lewis. 2022. "Estimating welfare impacts of climate change using a discrete-choice model of land management: An application to western U.S. forestry." *Resource and Energy Economics*, Volume 68

**Yukiko Hashida** and Eli Fenichel. 2022. “Valuing Natural Capital When Management is Dominated by Periods of Inaction.” *American Journal of Agricultural Economics*, Volume 104, Issue 2

Chimedregzen Sanduijav, Susana Ferreira, Mateusz Filipski, and **Yukiko Hashida**. 2021. “Air Pollution and Happiness: Evidence from the Coldest Capital in the World.” *Ecological Economics*, Volume 187

**Yukiko Hashida**, John Withey, David J. Lewis, Tara Newman, and Jeffrey Kline. 2020. “Anticipating Changes in Wildlife Habitat Induced by Private Forest Owners’ Adaptation to Climate Change and Carbon Policy.” *PLoS ONE* 15(4): e0230525

**Yukiko Hashida** and David J. Lewis. 2019. “The Intersection between Climate Adaptation, Mitigation, and Natural Resources: An Empirical Analysis of Forest Management.” *Journal of the Association of Environmental and Resource Economists* 6(5): 893-926. (The Ralph C. d’Arge and Allen V. Kneese Award for Outstanding Publication)

Eli Fenichel and **Yukiko Hashida**. 2019. “Choices and the Value of Natural Capital.” *Oxford Review of Economic Policy* 35(1):120-137.

### **Working Papers** (\*graduate student)

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“Targeting Disaster Aid: A Structural Evaluation of a Large Earthquake Reconstruction Program” (with Matthew Gordon and Eli Fenichel)

“Wetlands and water quality: Evidence from the coastal U.S.” (with Mani Rouhi Rad)

“Let ‘Em Grow: Do Florida Coastal Property Owners Value Mangroves?” (with Swaty Kajaria\* and Susana Ferreira)

“Nature’s Shield: Deciphering Mangroves’ Influence on Property Value Dynamics in the Wake of Hurricane Irma” (with Swaty Kajaria\* and Susana Ferreira)

“Insuring salt marsh ecosystems in Georgia” (with Dede Long, Xinyu Zeng\*, Matt Bilskie, and the Nature Conservancy)

### **Works in Progress**

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Biodiversity consequences of harvesting resources under public and private ownership (with Frederik Noack)

Understanding Economic and Environmental Justice Implications of Participation in Voluntary Managed Retreat Programs (with Steven Dundas)

Evaluating risk of tidal marsh inundation and monetizing services to prioritize management actions (with Lori Sutter, Nathan Weston, Deepak Mishra, Xinyu Zeng\*)

Managing for forest carbon with prescribed burning: simulating landowner adoption of prescribed burns as a carbon management strategy in the U.S. South (with Kealey Collison\*)

Colombian REDD+ Projects: Characterization and impact on ethnic communities (with Stephanie Larios Ruiz\* and Susana Ferreira)

## **Other Publications**

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Yukiko Hashida, John Withey, David Lewis, Tara Newman, and Jeffrey Kline. 2022. “Which Wood You Choose? Forest Landowners’ Selection of Trees for Planting Forests Can Have Different Outcomes.” Woodsy Owl Edition, *Natural Inquirer*, Number 22.

Yukiko Hashida, Lewis, D.J., and J.D. Kline. 2020. “Anticipating interactions between forest management and wildfire as private forestland owners adapt to climate change.” P. 278-282. In: Hood, Sharon; Drury, Stacy; Steelman, Toddi; Steffens, Ron, tech. eds. *The fire continuum—preparing for the future of wildland fire: Proceedings of the Fire Continuum Conference*. 21-24 May 2018, Missoula, MT. Proc. RMRS-P-78. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 358 p.

## **Research Grants**

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| 2023-2027 | NOAA Effects of Sea Level Rise Program (ESLR) “Evaluating risk of tidal marsh inundation and monetizing services to prioritize management actions.” \$1.3 million. Co-PI (with Lori Sutter, Nathan Weston, and Deepak Mishra)      |
| 2023-2026 | USDA Forest Service Joint Venture Research Agreement “Managing for forest carbon with prescribed burning: simulating landowner adoption of prescribed burns as a carbon management strategy in the U.S. South.” \$157,230. Lead PI |
| 2022-2024 | GA Sea Grant “Assessing the Socio-Economic Value of Salt Marsh Ecosystems for Climate Resilience Financing in Georgia.” \$150,000. Co-PI (with Matt Bilskie and the Nature Conservancy)  |
| 2016-2018 | USDA NIFA-AFRI Pre-Doctoral Fellowship “Adaptation to Climate Change in Forestry: An Empirical Analysis of Harvest and Replanting Decisions under Climate Change in the Western U.S.” \$94,991. Lead PI                            |

## **Awards and Fellowships**

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| 2023 | UGA Early Career Award nominee<br>Lone Mountain Fellowship, Property and Environment Research Center (PERC) |
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- 2019 The Ralph C. d'Arge and Allen V. Kneese Award for Outstanding Publication in *the Journal of the Association of Environmental and Resource Economists*
- 2016 USDA NIFA National Needs Fellowship
- 2016-2017 Deloach Distinguished Graduate Fellowship, Oregon State University
- 2016 College of Agricultural Sciences Distinguished Students, Oregon State University
- 2014-2015 Emery Castle Graduate Fellowship, Oregon State University
- 2005-2007 Rackham Merit Fellowship, University of Michigan, Ann Arbor
- 2007 The David Mans and Patricia Spector Fellowship, University of Michigan

### **Presentations**

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- 2024 University of Alaska, Anchorage (invited); AERE Summer Conference
- 2023 PERC; AERE Summer Conference; Auburn University (invited); W-5133 Multistate Research Project annual meeting
- 2022 Triangle Resource and Environmental Economics (TREE) Seminar (invited); California State University Fullerton (invited); Arizona State University (invited); National Graduate Institute for Policy Studies, Japan (invited); Woods Hole Oceanographic Institution (invited)  
AERE Summer Conference; Western Economic Association International
- 2021 Camp Resources
- 2020 W-4133 Multistate Research Project annual meeting
- 2019 Warnell School of Forestry and Natural Resources, University of Georgia
- 2018 Yale University
- 2017 Landcare Research, New Zealand; AERE Summer Conference
- 2016 AERE Summer Conference; Oregon Resource and Environmental Economics Workshop

### **Teaching**

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- Nonmarket Economic Valuation (Ph.D. level), University of Georgia
- Land Economics (Undergrad, Master's level), University of Georgia
- Environmental Management and Sustainable Business Practice (Undergrad), University of Georgia
- Introduction to Environmental Economics and Policy (Undergrad), Oregon State University

### **Other Professional Employment**

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- 2007-2010 Renewable Energy Consultant, Climate and Environmental Strategy, ICF International, Fairfax, VA

- 2006-2007 Carbon Market Analyst, Research and Advisory Department,  
Point Carbon, Oslo, Norway
- 2004-2005 Financial Market Correspondent  
Nippon Keizai Shimbun (Nikkei), New York City, NY
- 2002-2004 Equity Analyst, Equity Research Department,  
UBS Securities, Tokyo, Japan
- 1998-2000 Corporate Controller, Planning and Controlling Department,  
SAP Japan, Tokyo, Japan

## **Academic Service**

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### Internal committee and service at UGA

- Undergraduate Program Committee
- Assistant/Associate Professor in Sustainable Agriculture Search Committee
- Faculty Affairs Committee Chair
- Environmental Economics Club advisor

### Advising and mentoring at UGA unless otherwise specified

#### Thesis Advisor

- Swaty Kajaria (PhD 2024); Xinyu Zeng (PhD 2025); Kealey Collison (PhD 2027); Andersen Gabrielle Cunard (MS 2023); Stephanie Larios Ruiz (MS 2023); Heather Wright (MS 2023)

#### Graduate Committees

- Pit Jongwattanakul (PhD 2024); Elijah Babawale (MS 2024); Tae Yoon (PhD 2023); Jolene Gale (MS 2023); Ava Hiller (MS 2023); Riley Kagele (MS 2023); Rita Khadka (MS 2023); Dylan Turner (PhD 2021); Madisen Fuller (MS 2020, Warnell School of Forestry and Natural Resources); Chimedregzen Sanduijav (MS 2020)

### Service for the Profession

- AERE Scholar
- AERE@AAEA Program Committee

### Reviewer

- Journal of Environmental Economics and Management; Proceedings of the National Academy of Sciences of the United States of America (PNAS); Nature Climate Change; Land Economics; Conservation Letters; Economic Inquiry; Ecosystem Services; Journal of Environmental Management; Forest Policy and Economics; Journal of Applied Economics; Journal of Forest Economics, Real Estate Economics; PLOS ONE
- Presentation submission for AAEA meeting (2019, 2021, 2022, 2023); Presentation submission for AERE meeting (2023)

## **Professional Affiliations**

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Association of Environmental and Resource Economists (AERE)  
Agricultural & Applied Economics Association (AAEA)

### **Other Relevant Skills**

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**Languages:** Bilingual in English/Japanese; Essential Spanish

**Programming skills:** Proficient in R; LaTeX, MATLAB; Python; STATA; ESRI ArcGIS

Last updated: 12/3/2024