

# Pierce Donovan

(Updated June 2022)

---

**Current Position:** (2022-Present)  
Assistant Professor, Economics  
Connecticut College  
New London, CT, 06320

Office: TBD Winthrop Hall  
Phone: TBD  
Email: pdonovan@conncoll.edu  
Website: piercedonovan.github.io

## Previous Position

---

	<b>Colgate University</b>
2020-22	Visiting Assistant Professor, Department of Economics

## Education

---

	<b>University of California, Davis</b>
2020	<i>Ph.D.</i> Agricultural and Resource Economics Dissertation: Shadow value viability in natural resource economics Committee: Michael Springborn (Chair), James Sanchirico, James Wilen Fields: Environment and Natural Resources, Development, Econometrics
	<b>Rochester Institute of Technology</b>
2015	<i>B.S.</i> Physics and Economics; <i>Minor</i> , Mathematics

## Publications

---

Accepted	<i>Balancing conservation and commerce: A shadow value viability approach for governing bycatch</i> <b>Pierce Donovan</b> and Michael Springborn Journal of Environmental Economics and Management. <a href="#">Link</a>
Aug 2019	<i>Safety in numbers: Cost-effective endangered species management for viable populations</i> <b>Pierce Donovan</b> , Lucas Bair, Charles Yackulic, and Michael Springborn Land Economics 95(3): 435-453. <a href="#">Link</a>
June 2019 Outreach	<i>Maintaining the long-term viability of the humpback chub in the Grand Canyon</i> <b>Pierce Donovan</b> and Michael Springborn ARE Update 22(5): 5-8. <a href="#">Link</a>
Feb 2019	<i>Recreational leasing of Alaska commercial halibut quota: The early years of the GAF program in Alaska</i> Kailin Kroetz, Daniel Lew, James Sanchirico, and <b>Pierce Donovan</b> Coastal Management 47(2): 207-226. <a href="#">Link</a>

## Working Papers

---

(These papers can be found on my website.)

*The economic benefits of designer flows in river conservation*

**Pierce Donovan**, Matthew Reimer, Michael Springborn, Charles Yackulic, and Lucas Bair

*Cost-effective species viability*

*Encouraging the defragmentation of habitat across a privately-owned landscape*

*An alternative climate policy tool that reflects the scientific consensus*

## Other Works in Progress

---

(These papers exist, but are not yet circulated. \*Indicates student coauthor.)

*Substitute banking institutions and El Salvadoran welfare*

**Pierce Donovan** and Max Edelstein\*

*Trees produce large flood prevention benefits: A natural experiment leveraging deciduous tree biology*

*Limited foresight and regime shifts: A rational response to an ambiguous future*

*Modal dynamic programming*

*Banks or corridors? A graph-theoretic approach for conservation site selection*

*Greening the blockchain: Economic solutions for cryptocurrency-based emissions abatement*

*Time-scarcity and meaningful voir dire: Lessons from the Sunshine Project*

## Conference and Invited Presentations

---

	<b>Encouraging the defragmentation of habitat across a privately-owned landscape</b>
Oct 21	CU Environmental and Resource Workshop (CU Boulder)
Sept 21	Biodiversity and Economics for Conservation Conference (UWYO)
	<b>Balancing conservation and commerce</b>
May 21	World Conference on Natural Resource Modeling (iDiv)
June 20	AERE [Virtual] Summer Conference (AERE)
	<b>Cost-effective population viability</b>
March 20	Southwest Biological Science Center (USGS)
	<b>Integrating commercial and ecological objectives in multi-species fisheries</b>
Aug 19	Camp Resources (NCSU)
	<b>Efficient management and shadow valuation of vulnerable bycatch species</b>
May 19	AERE Summer Conference (AERE)
April 19	Giannini Foundation of Agricultural and Resource Economics Student Conference (Davis)
	<b>A [brief] history of marine fisheries management</b>
Sept 18	Japanese Agricultural Training Program (UC Davis Extension)
	<b>Safety in numbers: Cost-effective endangered species management for viable populations</b>
Sept 18	CU Environmental and Resource Workshop (CU Boulder)
June 18	Western Economics Annual Conference (WEAI)
	<b>Translating population viability analysis</b>
Oct 17	Heartland Environmental and Resource Economics Workshop (UIUC)

## Teaching Experience

---

(Syllabi are available on my website. I'm happy to share some of my course material as well.)

### Connecticut College

*Assistant Professor*

- 2023 ECO 3xx: Natural Resource Economics
- 2022, 23 ECO 212: Environmental Economics
- 2022 ECO 356: Advanced Econometrics

### Colgate University

*Visiting Assistant Professor*

- 2022 ECON 375: Applied Econometrics
- '20, 21, 22 ECON 228: Environmental Economics
- 2021 ECON 383: Natural Resource Economics
- 2020 CORE 143: Introduction to Statistics

### UC Davis

*Associate Instructor*

- 2018 ARE 106: Econometric Theory and Applications
- Teaching Assistant*
- 2020 ARE 175: Natural Resource Economics
- 2019 ARE 176: Environmental Economics
- 2018 ESP 162: Environmental Policy
- 2016 ARE 143: Investments
- 2016, 17 ARE 106: Econometric Theory and Applications
- 2016 ARE 100B: Intermediate Microeconomics II

### RIT

*Teaching Assistant*

- 2015 PHYS 111: College Physics I

## Other Scholarship

---

### Awards and Major Grants

- 2019 Scott McNiven Community Service Award (UC Davis ARE)

### Outreach

- 2021 *How to use a VAP position to your advantage* (Interview with *The Hidden Curriculum*) [Podcast]

### Affiliations

AERE Scholar Alumni (Association of Environmental and Resource Economists)  
UC Davis NatuRE Policy Lab Alumni