

Pierce Donovan

(Updated October 2022)

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

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Previous Position

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| | Colgate University |
| 2020-22 | Visiting Assistant Professor, Department of Economics |

Education

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

Publications

(Short abstracts, preprints, data, code and links to the articles below are all available on my website.)

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| June 2022 | <i>Balancing conservation and commerce: A shadow value viability approach for governing bycatch</i> Pierce Donovan and Michael Springborn Journal of Environmental Economics and Management. Link |
| Aug 2019 | <i>Safety in numbers: Cost-effective endangered species management for viable populations</i> Pierce Donovan , Lucas Bair, Charles Yackulic, and Michael Springborn Land Economics 95(3): 435-453. Link |
| June 2019 <i>Outreach</i> | <i>Maintaining the long-term viability of the humpback chub in the Grand Canyon</i> Pierce Donovan and Michael Springborn ARE Update 22(5): 5-8. Link |
| 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 Pierce Donovan Coastal Management 47(2): 207-226. Link |

Working Papers

(Manuscripts for these papers can be found on my website unless they're way out-of-date or in the middle of a substantial edit. Feel free to email me about them. *Indicates student coauthor.)

The economic benefits of designer flows in river conservation

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

Cost-effective species viability

Vizualizing environmental econometrics

Finding front doors: Program evaluation with observational data

Pierce Donovan and Max Edelstein*

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.)

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

Modal dynamic programming

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

Conference and Invited Presentations

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| | Vizualizing environmental econometrics |
| Feb 23 | AERE Sessions @ Eastern Economics Association (AERE) |
| | Encouraging the defragmentation of habitat across a privately-owned landscape |
| June 22 | AERE Summer Conference (AERE) |
| Oct 21 | CU Environmental and Resource Workshop (CU Boulder) |
| Sept 21 | Biodiversity and Economics for Conservation Conference (UWYO) |
| | Balancing conservation and commerce |
| May 21 | World Conference on Natural Resource Modeling (iDiv) |
| June 20 | AERE [Virtual] Summer Conference (AERE) |
| | Cost-effective population viability |
| March 20 | Southwest Biological Science Center (USGS) |
| | Integrating commercial and ecological objectives in multi-species fisheries |
| Aug 19 | Camp Resources (NCSU) |
| | Efficient management and shadow valuation of vulnerable bycatch species |
| May 19 | AERE Summer Conference (AERE) |
| April 19 | Giannini Foundation of Agricultural and Resource Economics Student Conference (Davis) |
| | A [brief] history of marine fisheries management |
| Sept 18 | Japanese Agricultural Training Program (UC Davis Extension) |
| | Safety in numbers: Cost-effective endangered species management for viable populations |
| Sept 18 | CU Environmental and Resource Workshop (CU Boulder) |
| June 18 | Western Economics Annual Conference (WEAI) |
| | Translating population viability analysis |
| 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

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| <i>On Deck</i> | ECO 404: (Seminar) Environmental and Natural Resource Economics |
| 2023 | ECO 312: Natural Resource Economics |
| 2022, 23 | ECO 212: Environmental Economics |
| 2022 | ECO 356: Advanced Econometrics |

Colgate University

Visiting Assistant Professor

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| 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

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| 2018 | ARE 106: Econometric Theory and Applications |
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Teaching Assistant

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| 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

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| 2015 | PHYS 111: College Physics I |
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Other Scholarship

Awards

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| 2022 | Nominee, Phi Sigma Eta Professor of the Year |
| 2022 | Colgate Torch Medal [x2] (teaching award presented by seniors) |
| 2019 | Scott McNiven Community Service Award (UC Davis ARE) |

Grants

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| 2022 | Lampert Scholars Program [\$8,500] (Advisee: Max Edelstein) |
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Outreach

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| 2021 | <i>How to use a VAP position to your advantage</i> (Interview with <i>The Hidden Curriculum</i>) [Podcast] |
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Affiliations

Associated Faculty, Connecticut College Department of Environmental Studies
Faculty Fellow, Goodwin-Niering Institute
AERE Scholar Alumni (Association of Environmental and Resource Economists)
UC Davis NatuRE Policy Lab Alumni