

Pierce Donovan

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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 (Chair), 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

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| Aug 2019 | <i>Safety in numbers: Cost-effective endangered species management for viable populations</i>
Pierce Donovan , Lucas S. Bair, Charles B. Yackulic, and Michael R. Springborn
Land Economics |
| June 2019
Outreach | <i>Maintaining the long-term viability of the humpback chub in the Grand Canyon</i>
Pierce Donovan and Michael R. Springborn
ARE Update |
| Feb 2019 | <i>Recreational leasing of Alaska commercial halibut quota: The early years of the GAF program in Alaska</i>
Kailin Kroetz, Daniel K. Lew, James N. Sanchirico, and Pierce Donovan
Coastal Management |

Working Papers and Works in Progress

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| In Review | <i>Balancing conservation and commerce: A shadow value viability approach for governing bycatch</i>
with Michael Springborn |
| WP | <i>Putting a price on tipping points: A viable cost of carbon</i> |
| WP | <i>Integrated ecosystem management and hydropower generation in endangered species recovery</i>
with Lucas Bair, Matthew Reimer, and Michael Springborn |
| | <i>Endangered horse races: Why it's worth casting conservation as a viability problem</i> |
| | <i>Banks or corridors? A graph-theoretic approach for site selection.</i> |

Conference and Invited Presentations

Feb 21	Putting a Price on Tipping Points Intl. Conference on Environmental, Cultural, Economic & Social Sustainability (Vrije U)
June 20	Balancing conservation and commerce AERE Virtual Conference (AERE)
March 20	Cost-effective population viability Southwest Biological Science Center (USGS)
Aug 19	Integrating commercial and ecological objectives in multi-species fisheries Camp Resources (NCSU)
May 19	Efficient management and shadow valuation of vulnerable bycatch species AERE Annual Summer Conference (AERE)
April 19	Giannini Foundation of Agricultural and Resource Economics Student Conference (Davis)
Sept 18	A [brief] history of marine fisheries management Japanese Agricultural Training Program (UC Davis Extension)
Sept 18	Safety in numbers: Cost-effective endangered species management for viable populations CU Environmental and Resource Workshop (CU Boulder)
June 18	Western Economics Annual Conference (WEAI)
Oct 17	Translating population viability analysis Heartland Environmental and Resource Economics Workshop (UIUC)

Teaching

	Colgate University
2020	CORE 143: Introduction to Statistics
2020	ECON 228: Environmental Economics
2021	ECON 383: Natural Resource Economics (Expected)
	UC Davis
	<i>Associate Instructor</i>
2018	ARE 106: Econometric Theory and Applications
	<i>Teaching Assistant</i>
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
	<i>Teaching Assistant</i>
2015	PHYS 111: College Physics I