Pierce Donovan

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Current Position:
Visiting Assistant Professor, Economics
Colgate University
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Education

University of California, Davis

2020 *Ph.D.* 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 *B.S.* Physics and Economics; *Minor,* Mathematics

Publications

Aug 2019 *Safety in numbers: Cost-effective endangered species management for viable populations*
Pierce Donovan, Lucas Bair, Charles Yackulic, and Michael Springborn
Land Economics 95(3): 435-453.

June 2019 *Maintaining the long-term viability of the humpback chub in the Grand Canyon*
Outreach **Pierce Donovan** and Michael Springborn
ARE Update 22(5): 5-8.

Feb 2019 *Recreational leasing of Alaska commercial halibut quota: The early years of the GAF program in Alaska*
Kailin Kroetz, Daniel Lew, James Sanchirico, and **Pierce Donovan**
Coastal Management 47(2): 207-226.

Working Papers

In Review *Balancing conservation and commerce: A shadow value viability approach for governing bycatch*
Pierce Donovan and Michael Springborn

The economic benefits of designer flows in river conservation
Pierce Donovan, Matthew Reimer, Michael Springborn, Charles Yackulic, and Lucas Bair

Cost-effectve species viability

Encouraging the defragmentation of habitat across a privately-owned landscape

An alternative climate policy tool that reflects the scientific consensus

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

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

Conference and Invited Presentations

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

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