

Pierce Donovan

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Agricultural and Resource Economics
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Education

University of California, Davis

2015–20
(Expected) *Ph.D.* Agricultural and Resource Economics
Dissertation: Viable control in natural resource economics
Committee: Michael Springborn (Chair), James Sanchirico, James Wilen
Fields: Environment and Natural Resources, Development, Econometrics

Rochester Institute of Technology

2011–15 *B.S.* Physics and Economics; *Minor*, Mathematics

Publications

- Aug 19 *Safety in numbers: Cost-effective endangered species management for viable populations*
Pierce Donovan, Lucas S. Bair, Charles B. Yackulic, and Michael R. Springborn
Land Economics
- June 19 *Maintaining the long-term viability of the humpback chub in the Grand Canyon*
Outreach **Pierce Donovan** and Michael R. Springborn
ARE Update
- Feb 19 *Recreational leasing of Alaska commercial halibut quota: The early years of the GAF program in Alaska*
Kailin Kroetz, Daniel K. Lew, James N. Sanchirico, and **Pierce Donovan**
Coastal Management

Working Papers and Works in Progress

- JMP *Balancing conservation and commerce: A shadow value viability approach for handling bycatch in a multi-species fishery*
- Chapter *The viability cost of carbon*
Integrated ecosystem management and hydropower generation in endangered species recovery
with Lucas Bair, Matthew Reimer, and Michael Springborn
- Outreach *Exit behavior and the nature of trip taking in the South Alaska charter fishery*
with Daniel Lew and James Sanchirico
- Time-scarcity and meaningful voir dire: Lessons from the Sunshine Project*
- Limited foresight: A rational response to an ambiguous future*
- Catch shares for endangered populations induce a race to fish in multi-species fisheries*

Recent Presentations

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	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)
Sept 18	A [brief] history of marine fisheries management Japanese Agricultural Training Program (UC Davis Extension)
Oct 17	Translating population viability analysis Heartland Environmental and Resource Economics Workshop (UIUC)

Teaching Experience

2018	Associate Instructor , UC Davis ARE 106: Econometric Theory and Applications
2020	Teaching Assistant , UC Davis ARE 146: Business, Government Regulation, and Society
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
2015	Teaching Assistant , RIT PHYS 111: College Physics I

References

Chair	Michael Springborn, mspringborn@ucdavis.edu Associate Professor, Environmental Science and Policy, UC Davis
Research	James Sanchirico, jsanchirico@ucdavis.edu Professor, Environmental Science and Policy, UC Davis
Research	James Wilen, wilen@primal.ucdavis.edu Professor Emeritus, Agricultural and Resource Economics, UC Davis
Teaching	Aaron Smith, adsmith@ucdavis.edu Professor, Agricultural and Resource Economics, UC Davis