

# Julie I. Santos | PhD Candidate

50 Flaming Arrow Road – Mahwah, NJ 07430

📞 (914) 755 2074 • ✉ julie\_insignares@yahoo.com

## Education

---

### **The University of Rhode Island**

*Ph D Environmental and Natural Resource Economics*

**Kingston**

*May 2014*

### **Boston University**

*Bachelor of Science*

*Cum Laude*

**Boston**

*May 1997*

## Dissertation

---

**Title:** *Market Mechanisms for Valuing Public Goods*

**Advisers:** Dr. Cathy Roheim & Dr. Emi Uchida

**Description:** This dissertation focuses on the means by which private incentives can be used to provide public goods. Eco-labeling as well as private contracts for ecosystem services are explored. I evaluate the premium paid for eco-labeled seafood. I address the efficacy of porting public goods auction mechanisms to field research in order to mitigate free-riding. Finally, I show how Attribute Non-Attendance can be used to identify sources of hypothetical bias manifested in survey data. Overall, this research provides guidance on how private markets can be utilized to motivate producers to incorporate environmental considerations into their business plan.

## Research Experience

---

Research Assistant.....

### **Stated vs. Revealed Preferences for Ecosystem Services**

*Adviser: Dr. Emi Uchida*

Explored the efficacy of different public goods auction mechanisms to reveal true values in field experiments. Utilized Hierarchical Bayes as well as Latent Class methods to compare individual-specific responses across stated and revealed preference domains.

### **Negative Media and Demand for US Salmon; Hedonic Analysis of Eco-labelling**

*Adviser: Dr. Cathy Roheim*

Analyzed the effects of media cover of PCB contamination on demand for US Salmon imports using AIDS model. Hedonic analysis of price premium for eco-labeled seafood in the UK.

### **DAS Site Choice Model**

*Adviser: Dr. Kurt Schnier*

Analyzed the effect of Days at Sea restrictions on site choice by New England's gill net and trawl fleet.

## Publications

---

### Refereed Publications.....

Cathy A. Roheim, Frank Asche, and Julie I. Santos. The Elusive Price Premium for Eco-labelled Products: Evidence from Seafood in the UK Market. *Journal of Agricultural Economics*, (62):655–665, 2011

Sha Sha, Julie I. Santos, Cathy A. Roheim, and Frank Asche. Media Coverage of PCB Contamination of Fresh Farmed Salmon: The Response of U.S. Import Demand. Submitted to Food Policy.

### Technical Papers.....

Julie I. Santos, Cathy A. Roheim, and K. Durham. Improving the Economic Integrity of the U.S. Seafood Industry: Analysis of the Costs of Short Weighting. Technical report, National Fisheries Institute, 2010

## Conference Presentations

---

Santos, J.I. and Uchida, E. and Anderson, C.M. and Swallow, S.K. Predictive Validity, Survey Design, and Valuing Farmland Amenities: A Disaggregated Approach. Presented at 2013 Annual Meeting of Agricultural and Applied Economics Association, Washington, DC, August 2013

Uchida, E and Santos, J.I. and Anderson, C.M. and Swallow, S.K. What Can Stated Preference Data Inform About Market Behavior for Public Goods? 2013 Association of Environmental and Resource Economists Summer Conference, Banff, Alberta, Canada, June 2013

Santos, J.I. and Uchida, E. . Using Stated Preferences to Predict Outcomes in Markets for Ecosystem Services: Accounting for Heterogeneity in Preferences and Scale. Presented at ACES and Ecosystem Markets 2012, Fort Lauderdale, FL, December 2012

Asche, F. and Insignares, J. and Roheim, C. The Market for Sustainable Fish: Evidence of Price Premiums in the U.K. Retail Sector. Aquaculture America 2010, San Diego, CA, March 2010

Asche, F. and Insignares, J. and Roheim, C. The Value of Sustainable Fisheries: Evidence from the Retail Sector in the U.K. Biennial Conference of the North American Association of Fisheries Economics, Newport, RI, May 2009

## Teaching Experience

---

### Per Course Instructor

*Department of Economics, University of Rhode Island*

- Introduction to Microeconomics
- International Economics

## Teaching Assistant

*Department of Environmental and Natural Resource Economics, University of Rhode Island*

- Introduction to Resource Economics
- Econometrics, Graduate-Level

## Instructor

*Columbia University High School Program, Columbia University*

- Introduction to Computer Programming in C
- Concepts in Computer Programming through Website Development

## Fellowships and Assistantships

---

URI Sustainable Seafood Fellow, 2008-2009

University of Rhode Island Graduate Teaching Assistantship, 2007-2008

University of Rhode Island Minority Fellowship, 2006-2007

University of Rhode Island Graduate Assistantship, 2005-2006

## Computer skills

---

**Statistical:** R, Matlab/Octave, Stata, SAS

**Single Page App Building:** HTML, MySQL, PHP: CodeIgniter, Javascript: Backbone.js, Marionette.js

**Software Packages:** Microsoft Excel/Access, OpenOffice

**Other:** L<sup>A</sup>T<sub>E</sub>X

## Other Interests

---

- Bayesian Analysis
- R programming
- Machine Learning
- Rock climbing and Endurance Running