

# TARSILA SEARA PH.D

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## EDUCATION

Ph.D., Marine Affairs, University of Rhode Island, 2014  
M.A., Marine Affairs, University of Rhode Island, 2010  
B.S., Marine Biology, Universidade Federal Fluminense,  
Rio de Janeiro, Brazil, 2008

## PROFESSIONAL APPOINTMENTS

2015 – present      Assistant Professor and Marine Affairs Program  
Coordinator, Department of Biology and  
Environmental Science,  
University of New Haven  
West Haven, CT

2013 – 2015      Research Affiliate, Social Sciences Branch,  
NOAA Fisheries' Northeast  
Fisheries Science Center,  
Narragansett, RI

## PUBLICATIONS

Peer-reviewed

**Seara, T.**, Pollnac, R. B., J. Poggie, C. Garcia-Quijano, I. Monnereau, and V. Ruiz (2017). Fishing as therapy: Impacts on job satisfaction and implications for fishery management. *Ocean & Coastal Management* 141: 1–9.

**Seara, T.**, R. B. Pollnac, and J. J. Poggie (2016). Changes in job satisfaction through time in two major New England fishing ports. *Journal of Happiness Studies* 18 (6): 1625–1640.

P. M. Clay, L. L. Colburn, and **T. Seara** (2016). Social Bonds and Recovery: An Analysis of Hurricane Sandy in the First Year after Landfall. *Marine Policy* 74: 334–340.

Colburn, L. L., M. Jepson, C. Weng, **T. Seara**, J. Weiss, and J. Hare (2016). Indicators of climate change and social vulnerability in fishing dependent communities along the Eastern and Gulf Coasts of the United States. *Marine Policy* 74: 323–333.

**Seara, T.**, P. M. Clay, and L. L. Colburn (2016). Perceived adaptive capacity and natural disasters: A fisheries case study. *Global Environmental Change* 38: 49–57.

Pollnac, R. B., **T. Seara**, L. L. Colburn, and M. Jepson (2015). Taxonomy of USA East Coast fishing communities in terms of social vulnerability and resilience. *Environmental Impact Assessment Review* 55: 136–143.

Pollnac, R. B., **T. Seara**, and L. L. Colburn (2015). Aspects of fishery management, job satisfaction, and well-being among commercial fishermen in the Northeast Region of the United States. *Society & Natural Resources* 28(1): 75–92.

Pollnac, R. B. & **T. Seara** (2010). Factors influencing success of Marine Protected Areas in the Visayas, Philippines as related to increasing protected areas coverage. *Environmental Management* 47 (4): 584–592.

**Seara, T. F.**, E. A. Xavier, F. J. C. Da Silva, G. D. Franco, K. S. Faria, R. S. Gouvea, and A. Kelecom (2004). Alguns aspectos sobre a percepção do acidente radiológico de Goiânia (GO, Brasil) 17 anos depois (in Portuguese). *Mundo & Vida* 5 (1): 16–23.

#### Reports & other documents

Colburn, L. L., P. M. Clay, **T. Seara**, C. Weng, and A. Silva (2015). Social and Economic Impacts of Hurricane/Post Tropical Cyclone Sandy on the Commercial and Recreational Fishing Industries: New York and New Jersey One Year Later. *Technical Memorandum developed for the National Oceanic and Atmospheric Administration*.

Tubino, R. A., A. N. Marques Jr., E. P. Silva, R. J. S. Lobão, **T. F. Seara**, and C. Monteiro-Neto (2014). Historical changes and shifting baselines in an artisanal fishery in the metropolitan region of Rio de Janeiro, Brazil. In M. Haimovici, J. M. Andriguetto Filho, and P. S. Sunye (Eds.), *A pesca marinha e estuarina do Brasil: Estudos de caso multidisciplinares* (in Portuguese) (pp. 111–123). Rio Grande, Brazil: *Editora da FURG*.

**Seara, T.**, R. B. Pollnac, and L. L. Colburn (2013). A Multi-Scale Network Analysis of the cumulative effects of fishery management regulations on fishing communities in the Northeastern U.S. *Technical Report developed for the National Oceanic and Atmospheric Administration (NOAA)*.

Pollnac, R. B., L. L. Colburn, **T. Seara**, C. Weng, K. Yentes (2011). Job Satisfaction, well-being, and change in southern New England fishing communities. *Technical Report developed for the Commercial Fisheries Research Foundation*.

**Seara, T.** and C. Roheim (2009). The market for certified wood products: what can the seafood sector learn from the applied research? *Report developed for the URI Sustainable Seafood Initiative*.

Roheim, C. and **T. Seara** (2009). Expected benefits of fisheries certification: results of a survey of MSC fisheries clients. *Report developed for the URI Sustainable Seafood Initiative*.

Manuscripts in preparation and under review

Analyses of historic trends in catch composition diversity in the Northeast Region U.S. fleet: Implications for adaptive capacity in fishery social-ecological systems (*under review*).

A comparative analysis of job satisfaction among fishers in three Caribbean nations.

Fishers' perceptions of environmental change in Puerto Rico: Implications for adaptation and sustainability under climate change.

## GRANTS AND FELLOWSHIPS

NOAA Coral Reef Conservation Program grant, "Assessing socioeconomic impacts of climate change on Puerto Rico's coral reef fisheries through a participatory approach," Lead PI, \$62,000, FY2016-2018.

University of New Haven Faculty Research Award (RA) & Summer Research Grant (SRG), "Investigation of the long-term socioeconomic impacts of the lobster die-off event of 1999 on Long Island sound lobstermen," Lead PI, \$2,000 & \$3,250, FY2016-2017.

# CONFERENCE PARTICIPATION

## Panels Organized

Caribbean fisheries and their responses to changing natural, socioeconomic and cultural environments. Society for Applied Anthropology (SfAA), Philadelphia, PA, 2018.

Systemic approaches toward understanding estuarine and coastal resilience and sustainability. Coastal & Estuarine Research Federation (CERF), Providence, RI, 2017.

Exploring paths to resilient and sustainable coastal social-ecological systems under uncertain future scenarios. Society for Applied Anthropology (SfAA), Santa Fe, NM, 2017.

Maintaining Livelihoods and Well-Being in the Fishery during Social-Ecological Transformations. Society for Applied Anthropology (SfAA),

## Papers Presented

Perceptions of Fishers to Climate Change in Puerto Rico's Coastal Communities. Tenth International Conference on Climate Change: Impacts & Responses, University of California at Berkeley, Berkeley, CA, 2018.

Impacts of climate change on Puerto Rico's coral reef fisheries from a stakeholder perspective: Investigating potential for more participatory approaches for conservation and management.

7<sup>th</sup> International Conference on Environmental Future: Humans and island environments, University of Hawai'i, Honolulu, HI, 2018.

Fishers' perceptions of climate change: Implications for the adaptation of Puerto Rico coastal communities. Society for Applied Anthropology (SfAA), Philadelphia, PA, 2018.

Understanding socio-economic impacts of climate change on Puerto Rico coral reefs from the fishers' perspective. Coastal & Estuarine Research Federation (CERF), Providence, RI, 2017.

Stakeholder perceptions of the impacts of climate change on Puerto Rico's coral reef fisheries. Society for Applied Anthropology (SfAA), Santa Fe, NM, 2017.

Trends in catch composition diversity in the U.S. Northeast Region: Implications for adaptation and well-being of fishing communities. International Symposium on Society and Resource Management (ISSRM), Houghton, MI 2016.

Trends in catch composition diversity in the U.S. Northeast Region: Implications for adaptation and well-being of fishing communities. Society for Applied Anthropology (SfAA), Vancouver, BC, Canada, 2016.

Perceived Adaptive Capacity of Commercial and For-Hire Fishermen One Year after Hurricane Sandy. Society for Applied Anthropology (SfAA), Pittsburgh, PA, 2015.

Fishermen's perception of changes in fishery diversity: Implications for fishery management and resilience in New England's fisheries. Society for Applied Anthropology (SfAA), Albuquerque, NM, 2014.

Social and Environmental Justice, resilience, and fisheries management in two New England ports. Society for Applied Anthropology (SfAA), Denver, CO, 2013.

Job satisfaction among fishers through time: the importance of comparable indicators. Society for Applied Anthropology (SfAA), Baltimore, MD, 2012.

Impacts of Management on Social Stratification in Southern New England Fishing Communities as Related to Job Satisfaction and Well-Being. Society for Applied Anthropology (SfAA), Seattle, WA, 2011.

Impacts of Management on Social Stratification in Southern New England Fishing Communities as Related to Job Satisfaction and Well-Being. Southern New England Chapter American Fisheries Society (SNEC-AFS), Old Lyme, CT, 2011.

Well-being, job satisfaction and change in southern New England fishing communities (Poster Presentation).

Social Science Symposium,  
Durham, NH, 2010.

Fishing crew when fisheries  
'property rights' change.  
Alaska Marine Fisheries Symposium,  
Anchorage, AK, 2010.

## TEACHING EXPERIENCE

Undergraduate  
courses taught  
at the  
University of  
New Haven

Introduction to Marine Affairs (MARA 1101)  
Marine Fisheries Policy (MARA 3332)  
Marine Conservation and Restoration (MARN 3331)  
Research Methods in Marine Affairs (MARA 4500)  
Marine Affairs Senior Thesis (MARA 4501/02)  
Introduction to Marine Biology (MARN 1101)  
Marine Biology with Laboratory (MARA 2223/2225)  
Marine Biology Careers Seminar (MARN 1102)

Advising

**Academic advisor** to over **30** undergraduate students.  
**Senior thesis advisor** to **16** undergraduate students.

Teaching  
Assistantship

Teaching Assistant of Quantitative Methods in  
Marine Affairs,  
University of Rhode Island. 2008–2010.

# RESEARCH EXPERIENCE

## Consulting Work

How will fishermen dependent on catch shares species respond to climate change, 2017-2018 (in collaboration with NOAA Fisheries' Northeast Fisheries Science Center, Social Sciences Branch).

An examination of historic trends in catch composition diversity in the U.S. Northeast Region: Potential implications for adaptive capacity of fishing communities, 2016 (in collaboration with NOAA Fisheries' Northeast Fisheries Science Center, Social Sciences Branch).

## Research Assistantships

Research Assistant, University of Rhode Island/NOAA Fisheries, Narragansett RI. 2010-2013

Research Assistant, North Pacific Research Board/ University of Rhode Island. 2010.

# UNIVERSITY SERVICE

Faculty Senate, University of New Haven 2018-2021.  
Member, Institutional Review Board (IRB),  
University of New Haven. 2017-18.

Department Representative and Secretary, College of Arts & Sciences Curriculum Committee,  
University of New Haven. 2016-17; 2017-18.

Co-organizer, Henry Voegeli Lecture Series, University of New Haven. 2015-16.

# LANGUAGES

Fluent in Portuguese (native language).  
Fluent in English language read, spoken and written.  
Proficient in Spanish read, spoken and written.