

PATRICIA PINTO DA SILVA, Ph.D.

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EDUCATION

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| Harvard University, Kennedy School of Government | Cambridge, MA |
| <ul style="list-style-type: none">• <u>Research Fellow – Sustainability Science Program</u> | 10/08 - 6/09 |
| London School of Economics and Political Science | London, UK |
| <ul style="list-style-type: none">• <u>Ph.D., Social Policy</u>: Thesis title: From Common Property to Co-Management in Brazil’s First Maritime Extractive Reserve• <u>MSc Social Policy and Planning in Developing Countries</u>• <u>International Finance – Summer Program</u> | 10/98 – 05/02
10/97 – 10/98
06/93 – 09/93 |
| University of Maryland at College Park | College Park, MD |
| <ul style="list-style-type: none">• <u>BSc, Political Science/International Development, Portuguese Studies</u>• <u>Advanced Special Student - Masters classes in Conservation Biology and Sustainable Development Program</u> | 09/89 – 6/94
9/95-6/96 |

EMPLOYMENT HISTORY

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| NOAA Fisheries – Northeast Fisheries Science Center | Woods Hole, MA |
| <u>Social Scientist</u> - 02/03 - present | |
| <ul style="list-style-type: none">▪ Building a social anthropology program with NOAA anthropologists including strategic planning, developing a strategic research agenda, conceptualizing new research initiatives, creating additional data streams and identifying sources of funding▪ Conducting research on the human dimensions of marine resource management in the Northeast U.S. Research initiatives include:<ul style="list-style-type: none">○ Study of fishery stakeholder organizations○ Study on environmental justice/vulnerability and fishery stakeholders○ Research/outreach on voluntary management initiatives/collaborative management○ Profiling coastal communities from Maine to North Carolina○ Creating the Voices from the Fisheries: Digital Archive of the human dimensions of marine fisheries in the United States▪ Providing analysis of regulatory impacts on coastal communities and developing | |
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- alternatives for the Squid, Mackerel, Butterfish and Herring Fishery Management Plans
- Managing contractors and students

John Snow International HMHC/USAID

Cairo, Egypt

Consultant - 08/01 - 10/02

- Produced research reports and training manuals in collaboration with Egyptian medical doctors on maternal and child healthcare in Egypt
- Wrote quarterly and semiannual progress reports on the Healthy Mother/Healthy Child project for US Agency for International Development
- Trained new staff on writing and reporting standards

A.C. Maritime Extractive Reserve

Rio de Janeiro, Brazil

Brazil's first direct use maritime reserve co-managed by local fishers and the federal government

Visiting Researcher - 10/99 -09/00

- Conducted qualitative and quantitative research with villagers, local and regional leaders to assess the impacts of federal government marine conservation measures
- Employed participatory methodologies to gather demographic data as well as data on the state and quality of local resource governing institutions
- Provided social development expertise for the Technical and Scientific Counsel of the Extractive Reserve

AMLD, Poco das Antas Biological Reserve

Rio de Janeiro, Brazil

Brazilian NGO created to develop conservation strategies for the Golden Lion Tamarin

Visiting Researcher - 09/99 - 11/99

- Conducted research and analyzed data on the relationship between the Poco das Antas Biological Reserve and agrarian reform communities living in the Reserves buffer zone
- Helped design and facilitate a participatory baseline study in two communities recently resettled by Brazil's agrarian reform program in conjunction with the Rural Workers Landless Movement (MST) subsequently used in the design of Integrated Conservation and Development projects

Nucleo Ecologico da Pipa

Rio Grande do Norte, Brazil

Community Based Organization created to mitigate social and ecological impacts of tourism development

Community Mobilizer - 06/96 -09/97

- Created and formalized community based organization with a team of community leaders with the mission of pursuing local development policies consistent with environmental and cultural sustainability in a small coastal village
- Worked with core CBO members to design and write proposals subsequently funded by private sector organizations including Petrobras
- Advocated on behalf of CBO in regional development meetings

Center for Global Change

Washington, D.C

Research and Grant Coordinator - 09/93 -06/96

- Managed contracts between private sector foundations, federal agencies and

- international development organizations totaling over \$1.0 million
- Facilitated cooperative agreements with U.S Environmental Protection Agency, U.S. Department of Energy, and the United Nations
- Developed monitoring system for grant proposals, program and budget tracking
- Researched and wrote background studies on Zimbabwe, Vietnam and Lithuania for UNEP funded training program

PUBLICATIONS

Clay, P., L. Colburn, J. Olson, P. Pinto da Silva, S. Smith, A. Westwood, J. Ekstrom. 2009. Fishing Community Profiles of the Northeast Region. NOAA Reference Document. Northeast Fisheries Science Center. Woods Hole, MA.

Tuler, S, J. Agyeman, P. Pinto da Silva, Roth LoRusso. In Press. *Characterizing and identifying vulnerable populations among Northeast Marine fishery stakeholders*. NOAA Technical Series Document.

Pollard-Roundtree, B., A. Kitts, P. Pinto da Silva. 2008. *Building collaborative institutions in the NE US Tilefish Fishery*. In Case studies in fisheries self governance. Townsend, R. Shotton, R and Uchida H (eds). FAO Technical Paper No. 504. Rome. 452.

Pinto da Silva, P and M. Hall Arber. (Ed). 2008. *Special issue on Vulnerability and Resilience of Fishery Stakeholders in the NE United States*. Human Ecology Review.

Tuler, S, J. Agyeman, P. Pinto da Silva. 2008. Improving the social sustainability of fisheries management by assessing stakeholder vulnerability. In Pinto da Silva, P and M. Hall Arber. (Ed). In progress. *Special issue on Vulnerability and Resilience of Fishery Stakeholders in the NE United States*. Human Ecology Review.

Kitts A, Pinto da Silva P, Rountree B. 2007. The evolution of collaborative management in the Northeast USA tilefish fishery. *Mar Pol.* 31(2):192-200.

Kalikoski, D.C. & Pinto da Silva, P. 2007 (in Portuguese). *Advances and challenges in the implementation of collaborative fisheries management in Brazil: comparative lessons from the Fórum da Lagoa dos Patos (RS) and the Arraial do Cabo (RJ) maritime extractive reserve*. In Costa, Adriane Lobo (ed.): In the nets of coastal artisanal fishing. The Brazilian Institute for the Environment and Renewable Resources (IBAMA). Brasilia. p. 115-154.

Pinto da Silva, P. & C. Fulcher. 2007. *Using GIS to visualize land/sea connections: case study – NE Herring Fishery*. *Marine Resource Review.* 67:4, pp 19-25.

Pinto da Silva, P. 2007. Da propriedade coletiva ao co-gerenciamnto: Licoes da primeira reserve extrativista marinha Brasileira. In *Areas Aquaticas Protegidas como instrumento de Gestao Pesqueira*. Ministerio do Meio Ambiente, Secretaria de Biodiversidade e Florestas Nucleo da Zona Costeira e Marinha. Brasilia. Brazil.

Pinto da Silva, P. & C. Fulcher. 2006. *Using GIS to Illustrate Social and Ecological Connections in*

Commercial Fisheries off the Northeast Coast of the United States. Geographic Information Systems and Ocean Mapping in Support of Fisheries Research and Management Workshop Proceedings. MIT Sea Grant. Boston. MA.

Pinto da Silva, P. 2006. *Fishermen at the Frontlines of Conservation*. The Common Property Resource Digest. Invited response paper. March 2006 Issue.

Pinto da Silva, P. & A. Kitts. 2006. *Collaborative fisheries management in the Northeast US: Emerging initiatives and future directions*. *Marine Policy* (30) pp.832-841.

Kitts, A., P. Pinto da Silva & B. Pollard-Roundtree. 2007. *Evolution and outcomes of collaborative management institutions in the NE US Tilefish Fishery*. *Marine Policy* (31) pp.192-200.

Pinto da Silva, P. June 2005. *Collaborative marine management in Brazil: Case study from Arraial do Cabo, RJ*. In *Brazilian Protected Areas*. Center for Protected Areas. Secretary of Biodiversity and Forests. Brazilian Environment Ministry. Brasilia.

Kalikoski, D. & P. Pinto da Silva. June, 2005. *Collaborative management: lessons learned from the Fórum da Lagoa dos Patos (RS) and the Arraial do Cabo (RJ) Extractive Reserve case studies*. United Nations Development Programme.

Pinto da Silva, P. 2005. *Case Study: Arraial do Cabo, Rio de Janeiro* in “Managing small-scale fisheries: alternative directions and methods” (Portuguese translations of book published in 2001), F. Berkes, R. Mahon, P. McConney, R. Pollnac, and R. Pomeroy (Eds). International Development Research Centre. Canada.

Pinto da Silva, P. 2004. *History, Culture and Participatory Marine Conservation*. Special edition on History, Culture and Conservation. Vol (14). Policy Matters. IUCN - Geneva.

Pinto da Silva, P. 2004. *From common property to co-management; lessons from Brazil’s first Maritime Extractive Reserve*. Vol. 28 (5) p. 419-428. *Marine Policy*. Elsevier Publications.

Pinto da Silva, P. 2002. *From common property to co-management: social change and participation in Brazil’s first Maritime Extractive Reserve*. Ph.D. Thesis. Department of Social Policy. London School of Economics. London, UK.

PRESENTATIONS

Pinto da Silva, P. & Dan Holland. 2008. *Foundations for Collaborative Management in the NE Groundfish Fishery*. Research proposal presented to the Sustainability Science Program. Center for International Development, Kennedy School of Government. Harvard University. Cambridge, MA.

Rountree, B., A. Kitts, P. Pinto da Silva. 2008. *Collaborative approaches to Fisheries Management in the NE United States: An Example from the Tilefish Fishery*. Presented at IIFET conference in Nha Trang, Vietnam. July 2008.

P. Pinto da Silva & A. Kitts. 2008. Paradigm Shift in Fisheries Governance: Driving factors of fisheries co-management in the NE US. 14th International Symposium on Society and Resource Management. Burlington, VT.

Pinto da Silva, P. & A. Kitts..2008. Collaborative fisheries management in the NE US: Emerging initiatives & future directions. NOAA Fisheries Annual Social Sciences Meeting. Port Townsend, WA.

Pinto da Silva, P., A. Kitts. 2007. Collaborative Management in the Northeast US; Research and Praxis. Annual Conference of the American Anthropological Society. Washington, D.C. Nov. 29-Dec2.

Rountree, BP, Kitts A, Pinto da Silva P. 2007. The challenges and outcomes of collaborative behavior in the NE tilefish fishery. 13th International Symposium on Society & Resource Management (ISSRM); 2007 Jun 17-21; Park City UT; np. WH.

Pinto da Silva, P. *Vulnerability and Resilience of Fisheries Stakeholders.* Symposium Chair. At the Annual Meeting of the Society for Human Ecology. Bar Harbor, ME. October 19, 2006.

S. Allen & P. Pinto da Silva. *Applications of GIS to understanding the human dimensions of fisheries and ecosystems.* Organized session at the NOAA Fisheries Economics and Social Science Workshop. San Francisco. April 18-20, 2006.

Pinto da Silva, P. & C. Fulcher. 2006. *Visualizing social and ecological networks in the NE US: Herring Fishery Pilot Project.* Annual Meeting of the Society for Applied Anthropology. Vancouver, BC.

Stoffle B., Pinto da Silva P, Stoffle R. 2006. Living on the edge: an examination of social and ecological theory, methods and practice [abstract]. Presented at: Society for Applied Anthropology 66th Annual Meeting; 2006 Mar 28 - Apr 2; Vancouver, BC. [WH]

Pinto da Silva, P. 2005. MPA Fieldwork in developing countries. Invited presentation at Coastal Resources Center, University of Rhode Island, MPA Graduate Class. December 6. Kingston, RI.

Pinto da Silva, P. & C. Demarest. 2005. Ecosystem based management principals and guidelines: balancing multiple objectives. Invited presentation for the NEFMC Capacity Committee. November 29. Mansfield, MA.

Pinto da Silva, P. 2005. Methods used and data collected for the AHE & SIA of Amendment 1 of the Herring FMP. Presentation for the Social Science Advisory Committee of the NEFMC. November. Mansfield, MA.

Seixas, C., Pinto da Silva, P. & D. Kalikoski.. 2005. *Community Based Conservation in Brazilian fisheries; Challenges and Opportunities.* Invited Symposium. Annual Meeting of the Society for Conservation Biology. Brasilia, Brazil.

Pinto da Silva, P. 2005. *Marine Extractive Reserves: Theory, Policy & Practice.* Invited paper presented at the Annual Meeting of the Society for Conservation Biology. Brasilia, Brazil.

Pinto da Silva, P. & A. Kitts. 2005. *Breaking the Ice: Policy, Process and decentralized governance on the NE Shelf Ecosystem*. Annual Meeting of the Society for Applied Anthropology. Santa Fe. April 4-10.

Kitts, A & P. Pinto da Silva. 2005. *Policy, Process and decentralized governance on the NE Shelf Ecosystem*. 3rd North American Association for Fisheries Economists. May 24 –28.

Pinto da Silva, P. 2004. *Designing MPA networks: Integrating social realities*. Paper presentation. World Conservation Forum. IUCN. Bangkok, Thailand.

Pinto da Silva, P. 2004. *Rebuilding institutions for marine resource co-management*. Paper presentation in session: Conservation and Management of Marine Ecosystems. Bi-Annual Conference of the International Association for the Study of Common Property. Oaxaca, Mexico. August 10-15.

Clay, P., Colburn, L., Olson, J., and P. Pinto da Silva. 2004. *Promoting Social and Cultural Sustainability in Marine Resource Conservation and Management in the Northeast US*. Poster presented at the Coastal Society 2004 Conference. Newport, Rhode Island.

Clay, P., Colburn, L., Olson, J., and P. Pinto da Silva. 2004. *Promoting Social and Cultural Sustainability in Marine Resource Conservation and Management in the Northeast US*. Poster presented at Society for Applied Anthropology Annual Meeting. Dallas, Texas.

Pinto da Silva, P., Stoffle, B. and K. Norman. 2004. *Ecological Knowledge, Social Networks and Co-Management: Two coastal communities*. Poster presented at the 4th World Fisheries Congress. Vancouver: British Columbia.

Pinto da Silva, P. 2004. *Social capital and marine protected areas – measuring potential for successful long-term conservation*. Paper presented to the Society for Applied Anthropology 2004 Annual Meeting. Dallas.

Pinto da Silva, P. 2004. *Reality Check: Integrating Social Variables into MPA Planning, Management and Implementation*. Paper presented to the Society for Applied Anthropology 2004 Annual Meeting. Dallas.

Pinto da Silva, P. 2003. *Co-management of Marine Protected Areas: Experiences from Brazil. People and the Sea II: Conflicts, Threats and Opportunities*. MARE and SISWO/Netherlands Institute for the Social Sciences. Amsterdam.

Pinto da Silva, P. 2003. *Co-management of Marine Protected Areas: Experiences from Brazil*. Invited Presentation. NOAA Fisheries, Northeast Fisheries Science Center. Woods Hole, MA.

Selected Reports/Impact Assessment Documents

- 2005: Affected Human Environment Report on the Northeast Herring Fishery, New England Fisheries Management Council
- 2006: Social Impact Assessment, Amendment 1 to the Herring Fishery Management Plan, New England Fisheries Management Council
- 2006: Social Impact Assessment, Herring Specifications Review, New England Fisheries Management Council

Advisory committees and board memberships

- 2008-present ICES Fisheries Systems Working Group
- 2004 – present Herring Plan Development Team
- 2004 – present Squid Mackerel Butterfish Plan Development Team
- 2007 – present Society for Human Ecology – Board Member
- 2006 – present Rapid Vulnerability Assessment Pilot Project
Clark University
- 2005 – present PhD Committee Member for Fabienne Lord-Fonseca, UNH
- 2002 – present Society for Applied Anthropology
- 2001 – present International Association for the Study of Common Property Resources
- 2003 – present IUCN Commission: Env., Economic and Social Policy:
Co-management working group
- 2003 – present Social Science Working Group: Society for Conservation Biology
- 2003 – present Women’s Fisheries Network
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- 2005 – 2006 Socio Economic study of the American Lobster Fishery
Gulf of Maine Research Center
- 2005 – 2007 Fishery quota sector viability study
Gulf of Maine Research Center
- 2006 – 2007 NEFSC - EEO and Diversity Advisory Committee
- 2004 – 2007 NEFSC Seminar Committee
- 2005 Member of Joint Expert Group for Partnerships and Shared Stewardship/ Governance of Marine Protected Areas for IMPAC, Australia MPA Conference

Awards/Grants

2008	Funding for the Voices from the Fisheries Project – Creating a National Archive. PI: P. Pinto da Silva. Total: 20,000	NOAA office of Science and Technology
2007	Funding for the Voices from the Fisheries Project – Creating a National Archive. PI: P. Pinto da Silva. Total: 20,000	Preserve America Initiative Grant
2007	Funding for Oral History Project with immigrant processing workers in New Bedford, MA. PI: Pinto da Silva Total: 12,000	NOAA Fisheries Office of Science and Technology, Silver Spring, MA
2005	Funding for Oral History Project with Women in the Fisheries PI's: Lisa Colburn, Patricia Pinto da Silva, Patricia Clay, Julia Olson Total: 15,000	NOAA Fisheries Office of Science and Technology, Silver Spring, MA
2005	Funding for Community Baseline Studies in Northeast US PI's: Patricia Clay, Patricia Pinto da Silva, Lisa Colburn, Julia Olson Total: 100,000	NOAA Fisheries Headquarters, Silver Spring, MA
2004	Funding for Study on Vulnerability in Fishing Communities PI's: Seth Tuler, Julian Agyeman, Patricia Pinto da Silva Grant Total: 75,000	Northeast Regional Office, NEPA Fund Gloucester, MA
2001	Titmus Scholarship – London School of Economics	London, UK
1998	JNICT - Portuguese Ministry of Science and Technology – Full Merit Based Scholarship for MSc at the LSE	Lisbon, Portugal
1996	JNICT - Portuguese Ministry of Science and Technology – Full Merit Based Scholarship for 4 years of PhD research	Lisbon, Portugal

Reviewing Services

- Human Organization: Journal of the Society for Applied Anthropology
 - Fisheries Research: An International Journal on Fisheries Science, Fishing Technology and Fisheries Management
 - Ecological Economics
 - Interciencia: Journal of Science and Technology of the Americas
 - Natural Resources Forum: A United Nations Sustainable Development Journal
 - California Sea Grant
 - Coral Reefs
 - BAA – NOAA Cooperative Research Funds
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- WWF Katherine Fuller Postdoctoral Awards
- Saltonstall-Kennedy Grant Program-NOAA
- Conservation Biology

Training

03/04	Contracting Officers Technical Representative Training	Woods Hole, MA
05/03	Qualitative Research Methods Training	Silver Spring, MD
04/03	Statistical Analysis Software (SAS) Training, SAS Institute	Hartford, CT
05/03	Social Impact Assessment Training - NERO	Gloucester, MA
04/99	Royal Geographical Society Workshop on Participatory Development and Conservation	London, UK
08/99	Cumulative Effects Training for Social Impact Assessments - NERO	Gloucester, MA
08/99	Cumulative Effects Training for Social Impact Assessments	Gloucester, MA
01/98	Participatory Rural Appraisal (PRA) Training w/Robert Chambers	London, UK
04/98	Lusophone Workshop on Participatory Approaches to Needs and Poverty Assessments	Bissau, Guinea Bissau

Language Skills

- English – Native; Portuguese – Fluent; Spanish – Good; French – Poor; Arabic - Notion