

# TODD C. STEVENSON

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## EDUCATION

- 2013 Ph.D. Environmental and Natural Resource Sciences  
Washington State University  
Dissertation: Social-Ecological Implications of Using Marine Protected Areas for  
Managing an Ornamental Fishery in Hawaii  
Advisor: Dr. Brian Tissot
- 1999 B.S. Natural Resource Management, Minor Fishery Biology  
Colorado State University

## ACADEMIC POSITIONS

- 2013-Present Research Associate, School of Marine and Environmental Affairs, University of  
Washington
- 2012 Teaching Assistant, Introductory Biology: Cell Biology and Genetics, School of the  
Environment, Washington State University
- 2010-2011 Research Assistant, School of the Environment, Washington State University  
2010 Instructor, Stream Monitoring, School of the Environment, Washington State  
University
- 2009 Teaching Assistant, Environment and Human Life, School of the Environment,  
Washington State University
- 2009 Instructor, Stream Monitoring, School of the Environment, Washington State  
University
- 2008-2009 Research Assistant, School of the Environment, Washington State University  
2007 Teaching Assistant, Interdisciplinary Environmental Science, School of the  
Environment, Washington State University
- 2007 Teaching Assistant, Biometry, School of the Environment, Washington State  
University
- 2006 Teaching Assistant, Interdisciplinary Environmental Science, School of the  
Environment, Washington State University

## PROFESSIONAL AND VOLUNTEER POSITIONS

- 2014 Consultant, Ocean Science Division, The Pew Charitable Trusts
- 2006 Consultant, USDA Forest Service
- 2005 Consultant, Florida Museum of Natural History, University of Florida
- 2002–2005 Melanesia Coordinator, Conservation International

- 2000–2001 Education and Community Development Volunteer, Papua New Guinea, United States Peace Corps
- 1999 Laboratory Technician, Chadwick and Associates
- 1999 Field Technician, Quality Water Biosystems

## PUBLICATIONS AND TECHNICAL REPORTS

- Pietri, D., **Stevenson, T.C.**, and Christie, P. *In Review*. The Coral Triangle Initiative and Regional Exchanges: Strengthening capacity through a regional learning network. Global Environmental Change.
- **Stevenson, T.C.**, Kane, C., Peet, K., and Christie, P. *In Review*. Too Big To Fail: A Review of Social and Ecological Opportunities, Challenges and Paths Forward with Mega Marine Reserves. Environmental Conservation.
- **Stevenson, T.C.** *In Review*. Ocean Science Series: The Science of Marine Reserves. The Pew Charitable Trusts, Washington, DC.
- 2014 Christie, P., Pollnac, R.P., **Stevenson, T.**, Pietri, D. 2014. Final Report: Lessons from the US Coral Triangle Initiative Support Program. A report to the World Wildlife Fund (WWF) and United States Agency for International Development (USAID).
- 2014 **Stevenson, T.C.** and Tissot, B.N. Current Trends in the Analysis of Co-Management Arrangements in Coral Reef Ecosystems: A social-ecological systems perspective. *Current Opinion in Environmental Sustainability*, 7: 134–139.
- 2014 Calado, R., Leal, M.C., Vaz, M.C.M., Brown, C., Rosa, R., **Stevenson, T.C.**, Cooper, C., Tissot, B.N., and Thornhill, D. Caught in the Act: How US Lacey Act can hamper the fight against cyanide fishing in tropical coral reefs. *Conservation Letters*. DOI: 10.1111/conl.12088.
- 2013 **Stevenson, T.C.**, Tissot, B.N., and Walsh, W.J. Socioeconomic Consequences of Fishing Displacement from Marine Protected Areas in Hawaii. *Biological Conservation*, 160: 50–58.
- 2013 **Stevenson, T.C.** and Tissot, B.N. Evaluating Marine Protected Areas for Managing Marine Resource Conflict in Hawaii. *Marine Policy* 39: 215–223.
- 2012 Fox, H.E., Haisfield, K.M., Brown, M.S., **Stevenson, T.C.**, Tissot, B.N., Williams, I.D., and Walsh, W.J. Influences of Oceanographic and Meteorological Features on Reef Fish Recruitment in Hawai'i. *Marine Ecology Progress Series*, 463: 259–272.
- 2011 Gjertsen, H. and **Stevenson, T.C.** Direct Incentive Approaches for Leatherback Turtle Conservation, pp. 164-182. *In*: Dutton, P. H., Squires, D., and Ahmed, M. (eds.), *Conservation of Pacific Sea Turtles*. University of Hawaii Press.
- 2011 **Stevenson, T.C.**, Tissot, B.N., and Dierking, J. 2011. Fisher Behaviour Influences Catch Productivity and Selectivity in West Hawaii's Aquarium Fishery. *ICES Journal of Marine Science*, 68: 813–822.
- 2010 Tissot, B.N., Best, B.A., Borneman, E.H., Bruckner, A.W., Cooper, C.H., D'Agnes, H., Fitzgerald, T.P., Leland, A., Lieberman, S., Amos, A.M., Sumaila, R., Telecky, T.M., McGilvray, F., Plankis, B.J., Rhyne, A.L., Roberts, G.G., Starkhouse, B., and **Stevenson,**

- T.C.** How U.S. Ocean Policy and Market Power Can Reform the Coral Reef Wildlife Trade. *Marine Policy*, 34: 1385–1388.
- 2005 Beehler, B.M., James, R., **Stevenson, T.C.**, Dutson, G., Martel, F. East Melanesian Islands, p. 347-358. *In*: Mittermeier, R., et al. (eds.), *Hotspots Revisited*. Cemex Publishing.
- 2004 Beehler, B.M., **Stevenson, T.C.**, Brown, M. Virgin Rainforest and Conservation. *Science* 305: 943-944.

## PRESENTATIONS

- 2014 Lyles, J.M., Best, P.N., Graziano, K., Luna, M., Masters, K., **Stevenson, T.**, Pollnac, R., Fluharty, D., Warren, B., and P. Christie. A Social and Ecological Examination of Puget Sound Marine Protected Areas: Do they work? Western Society of Naturalists Annual Meeting, Seattle-Tacoma, Washington.
- 2014 Christie, P., Pollnac, R.P., **Stevenson, T.**, Pietri, D. Lessons from the Coral Triangle Initiative Support Program. International Marine Conservation Congress, August 14-18, 2014, Glasgow, Scotland.
- 2014 Sarkar, S, **Stevenson, T.C.**, Pietri, D.M., Pollnac, R.B., Christie, P. Finding common ground: Regional collaboration for marine resource management in the Coral Triangle Initiative. International Marine Conservation Congress, August 14-18, 2014, Glasgow, Scotland.
- 2014 **Stevenson, T.C.**, Christie, P., Fluharty, D., Warren, B., and Pollnac, R. Evaluating Puget Sound Marine Protected Areas to Improve Policy and Implementation. Salish Sea Ecosystem Conference, April 30 - May 2, 2014, Seattle, Washington.
- 2013 **Stevenson, T.C.** Striving for Environmental Justice: Fisheries, Tourism and Conflict in a Hawaiian Coastal Community. Social and Environmental Justice Research Colloquia, Washington State University Vancouver.
- 2011 **Stevenson, T.C.**, Tissot, B.N., and Walsh, W. Socioeconomic Consequences of Fishing Displacement from Marine Protected Areas in Hawaii. Western Society of Naturalists Annual Meeting, Vancouver, Washington.
- 2011 Fox, H.E., Haisfield, K.M., Brown, M.S., **Stevenson, T.C.**, Tissot, B.N., Williams, I.D., and Walsh, W.J. The Influences of Oceanographic and Meteorological Features on Reef Fish Recruitment in Hawai'i. NOAA Symposium on Kona's Marine Ecosystem: Past, Present and Future, Kailua-Kona, Hawaii.
- 2011 Tissot, B., Walsh, W., and **Stevenson, T.** Sustainability in an aquarium fishery within a network of MPAs in Hawaii. American Fisheries Society 141st Annual Meeting, Seattle, Washington.
- 2011 **Stevenson, T.C.**, Tissot, B.N., Walsh, W. Marine Protected Areas Shift Spatial Fishing Effort Distribution with Minimal Socioeconomic Impacts on a Fishing Community in Hawaii. Washington State University Research Showcase, Vancouver, WA.
- 2010 Payne, R.J., **Stevenson, T.**, and Harshaw, H. Networking and the Human Dimensions of Natural Resource Management: A LinkedIn Perspective. Human Dimensions of Natural Resource Management Conference, Revelstoke, British Columbia.

- 2009 **Stevenson, T.C.**, Tissot, B.N., Dierking, J. Increased Productivity in West Hawaii's Aquarium Fishery: the contribution of fleet dynamics vs. marine protected areas. Western Society of Naturalists Annula Meeting, Monterey, California.
- 2010 Tissot, B.N. and **Stevenson, T.C.** Environmental and Ecological Consequences of the Trade. International Trade in Coral Reef Species: Impacts, Management, and Policy Options, Washington, D.C.

## GRANTS

- 2010–2012 Improving Management of Hawaii's Marine Aquarium Fishery through Evaluation of Ecological and Socioeconomic Indicators. NOAA (Co-PI, \$49,904)
- 2008–2010 Evaluating the Effectiveness of Marine Protected Areas for Enhancing an Aquarium Fishery and Alleviating Conflict in Hawai'i. NOAA (Co-PI, \$49,600)
- 2007, 2008, 2011 Washington State University Travel Grant. Washington State University (PI, \$450, \$1,200, \$350)
- 2004–2005 Establishing the Sovi Basin Nature Reserve, Fiji. Australian Regional Natural Heritage Programme (Conservation International; Co-Author, \$399,500)
- 2003–2004 Goldie's Bird Of Paradise Conservation Project, Milne Bay, Papua New Guinea. Disney Conservation Fund (Conservation International; Co-Author, \$10,000)
- 2002–2003 Conservation Education and Awareness Building in Milne Bay Province, Papua New Guinea. Keidaren Nature Conservation Fund (Conservation International; Co- Author, \$20,000)

## EDITORIAL POSITIONS

- 2014 Associate Editor, Coastal Management (Taylor & Francis Group)
- 2014 Review Editorial Board Member, Frontiers in Marine Science, Marine Affairs and Policy (Nature Publishing Group)

## GRADUATE STUDENT COMMITTEES

- 2014 Melissa Luna, Masters of Marine Affairs, School of Marine and Environmental Affairs, University of Washington. Thesis: Looking Beyond the Fisherwoman: A case study of women's empowerment in marine resource management and policy.
- 2014 Saiontoni Sarkar, Masters of Marine Affairs, School of Marine and Environmental Affairs, University of Washington. Thesis: Exploring Regional Collaboration in the Coral Triangle Initiative.

## INVITED WORKSHOPS AND PANELS

- 2013 Coral Triangle Initiative Regional Exchange on Climate Change Adaptation: Status, Lessons Learned, and Roadmap for the Future. Hosted by United State Agency for International Development. Dili, Timor-Leste.
- 2012 Strengthening Sustainability Curriculum across the Disciplines and across the Pacific Northwest: Sustainability in a Time of Crisis. Co-hosted by Washington State University and Evergreen University. Vancouver, WA.
- 2009 International Trade in Coral Reef Species: Impacts, Management and Policy Options. Co-hosted by Environmental Defense Fund and United State Agency for International Development. Washington, DC.

## **MEDIA FEATURES**

- 2013 Fishers Near Marine Protected Areas Go Farther for Catch but Fare Well. Science Daily
- 2009 Updates on MPA Networks in Progress: Experiences So Far in Victoria and West Hawai`i. MPA News, 11 (1)
- 2009 Media Press Release on Marine Protected Areas Case Studies. International Union for Conservation of Nature

## **POST GRADUATE TRAINING**

- 2006 Quantitative Underwater Ecological Surveying Techniques, University of Hawaii, Hilo, HI
- 2013 R Boot Camp, Bamfield Marine Science Center, University of Victoria, Bamfield, BC, Canada

## **PROFESSIONAL ASSOCIATIONS**

Society for Conservation Biology  
 Ecological Society of America  
 American Fisheries Society

## **TECHNICAL CERTIFICATIONS AND SKILLS**

PADI Open Water SCUBA  
 SSI NITROX  
 Rescue Diver Training  
 AAUS Certified Scientific Diver  
 DAN Oxygen First Aid and CPR  
 Languages: English (Native tongue) and Neo-Melanesian Pidgin (advanced: spoken)  
 Software: Microsoft Office Suite, Microsoft Office Access, Minitab, SPSS, STATA, R, Primer-E, SigmaPlot, SYSTAT, Open Data Kit (ODK), UCINET, ArcGIS, and STELLA.

## **REGIONAL EXPERIENCE**

United States, Papua New Guinea, Solomon Islands, Fiji, Vanuatu, Timor Leste, Philippines, Western Samoa, New Caledonia, Indonesia, Cook Islands, French Polynesia, Bhutan, Thailand, New Zealand, Australia, Italy, Mexico, and the Caribbean.