



## Jose Urteaga Augier

Ph.D. Student in Environment and Resources

### Bio

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#### BIO

José Urteaga is conducting doctoral studies in the Emmett Interdisciplinary Program in Environment and Resources at Stanford University. His previous academic experience includes a post-graduate diploma in Sea Fisheries (2001) and a BSc in Biological Sciences (2000) from the Universidad Nacional de Mar del Plata, Argentina.

Jose Urteaga's research centers on the governance and sustainable management of marine natural resources in developing countries. Particularly he is interested in understanding how social and institutional arrangements interact to manage diverse habitats and species and how these arrangements are affected by contextual and historical factors. Currently, he is focusing on sea turtle conservation in Nicaragua and El Salvador.

Between 1999 and 2001, Jose Urteaga worked in applied ichthyology research, coastal and pelagic ecology and fisheries research with the Instituto Nacional de Investigación y Desarrollo Pesquero in Argentina. Between 2002 and 2013 he worked with the conservation NGO Fauna & Flora International in Nicaragua. He led the development of a comprehensive Sea Turtle Conservation Program in the Pacific coast of Nicaragua. This program today contributes to the protection of more than 40 km of coast in four different sites, protecting more than 50,000 sea turtle nests from the threat of illegal egg poaching activities annually. His responsibilities included to collaborate and coordinate closely with several local organizations; enhances the survival rate of sea turtles and hatchlings by relocating their eggs to hatcheries; ensures nesting beach protection; provides environmental education to the local communities as well as to a national audience and; helps them develop alternative livelihoods that do not rely on unsustainable use of resources. Between 2008 and 2013, José Urteaga continued leading the Sea Turtle Conservation Program as FFI's Nicaragua country coordinator, expanding the approach towards the development of a marine program and supporting a parallel program involving land ecosystems and freshwater conservation at the Biosphere Reserve of Ometepe Island.

Jose Urteaga has coauthored fourteen academic or technical publications. He also has presented twenty scientific meetings. José was announced as one of the National Geographic Society's 2010 Emerging Explorers. In 2005, he was recognized as a Conservation Hero by the Disney Worldwide Conservation Fund. He is a member of the Marine Turtle Specialist Group of the International Union for the Conservation of Nature (IUCN) and was country co-coordinator of the Wider Caribbean Sea Turtle Network (WIDECAST) between 2007 and 2012.

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

José Urteaga is a Ph.D. Candidate at the Emmett Interdisciplinary Program in Environment and Resources. His research focuses on the governance and sustainable management of marine natural resources in developing countries. Particularly, he is interested in non-coercive approaches to conservation and how to measure their

effects on individuals and institutions. His dissertation focuses on sea turtle conservation in Nicaragua and El Salvador, where he has worked on wildlife conservation since 2002. José was recognized as a National Geographic Society's Emerging Explorers and as a Conservation Hero by the Disney Worldwide Conservation Fund.

## Publications

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### PUBLICATIONS

- **Potential limitations of behavioral plasticity and the role of egg relocation in climate change mitigation for a thermally sensitive endangered species** *ECOLOGY AND EVOLUTION*  
Liles, M. J., Peterson, T., Seminoff, J. A., Gaos, A. R., Altamirano, E., Henriquez, A. V., Gadea, V., Chavarria, S., Urteaga, J., Wallace, B. P., Peterson, M. J.  
2019; 9 (4): 1603–22
- **Potential limitations of behavioral plasticity and the role of egg relocation in climate change mitigation for a thermally sensitive endangered species.** *Ecology and evolution*  
Liles, M. J., Peterson, T. R., Seminoff, J. A., Gaos, A. R., Altamirano, E., Henriquez, A. V., Gadea, V., Chavarria, S., Urteaga, J., Wallace, B. P., Peterson, M. J.  
2019; 9 (4): 1603–22
- **The impact of environmental change on small-scale fishing communities: moving beyond adaptive capacity to community response** *PREDICTING FUTURE OCEANS: SUSTAINABILITY OF OCEAN AND HUMAN SYSTEMS AMIDST GLOBAL ENVIRONMENTAL CHANGE*  
Oestreich, W. K., Frawley, T. H., Mansfield, E. J., Green, K. M., Green, S. J., Naggea, J., Selgrath, J. C., Swanson, S. S., Urteaga, J., White, T. D., Crowder, L. B., CisnerosMontemayor, A. M., Cheung, et al  
2019: 271–82
- **Reconstructing overfishing: Moving beyond Malthus for effective and equitable solutions** *FISH AND FISHERIES*  
Finkbeiner, E. M., Bennett, N. J., Frawley, T. H., Mason, J. G., Briscoe, D. K., Brooks, C. M., Ng, C. A., Ourens, R., Seto, K., Swanson, S., Urteaga, J., Crowder, L. B.  
2017; 18 (6): 1180–91
- **Survival on the rocks: high bycatch in lobster gillnet fisheries threatens hawksbill turtles on rocky reefs along the Eastern Pacific coast of Central America** *LATIN AMERICAN JOURNAL OF AQUATIC RESEARCH*  
Liles, M. J., Gaos, A. R., Bolanos, A. D., Lopez, W. A., Arauz, R., Gadea, V., Urteaga, J., Yanez, I. L., Pacheco, C. M., Seminoff, J. A., Peterson, M. J.  
2017; 45 (3): 521–39
- **Living on the Edge: Hawksbill turtle nesting and conservation along the Eastern Pacific Rim** *LATIN AMERICAN JOURNAL OF AQUATIC RESEARCH*  
Gaos, A. R., Liles, M. J., Gadea, V., Pena de Niz, A., Vallejo, F., Miranda, C., Jessica Darquea, J., Henriquez, A., Altamirano, E., Rivera, A., Chavarria, S., Melero, D., Urteaga, et al  
2017; 45 (3): 572–84
- **Hawksbill turtle terra incognita: conservation genetics of eastern Pacific rookeries** *ECOLOGY AND EVOLUTION*  
Gaos, A. R., Lewison, R. L., Liles, M. J., Gadea, V., Altamirano, E., Henriquez, A. V., Torres, P., Urteaga, J., Vallejo, F., Baquero, A., LeMarie, C., Pablo Munoz, J., Chaves, et al  
2016; 6 (4): 1251-1264