JOSÉ I. ZENTENO

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EDUCATION

Bren School of Environmental Science & Management, University of California, Santa Barbara
Ph.D. in Environmental Science and Management (Expected, June 2019).

Awards: Becas Chile (CONICYT) Fellowship for academic excellence; complete funding for four-year program. Latin American Fisheries Fellowship (LAFF); complementary support for Ph.D. program.

Bren School of Environmental Science & Management, University of California, Santa Barbara
Master of Environmental Science and Management (June 2014).

Specialization: Coastal Marine Resources Management.

Relevant Courses: Natural Resources Economics, Cost-Benefit Analysis, Marine-GIS, Data-poor Stock Assessment.

Awards: Latin American Fisheries Fellowship (LAFF) for academic excellence; complete funding for two-year program.

School of Marine Sciences and Natural Resources, Universidad de Valparaíso, Chile
Bachelor of Science in Marine Biology, with Honors (June 2011).

PROFESSIONAL MARINE EXPERIENCE

Fisheries Policy Intern, *Sustainable Fisheries Group, California, USA. July - September 2014*

- Perform a background analysis about the issues and inefficiencies in the artisanal Peruvian anchoveta fishery.
- Write three analysis reports using available scientific and technical information to inform policy decision-makers in Peru.

Fisheries Research Intern, *MarViva Colombia, Bogotá, Colombia.* *July - September 2013*

- Planned and developed an assessment on the overfishing status of an artisanal multispecific fishery in Colombia.
- Engaged with local fishing cooperatives and management representatives from the Region of Chocó.
- Provided recommendations to MarViva managers for their sustainable fishing and market-based programs.

Scientific Research Intern, *Coastal Marine Research Station (CMRS), Chile.* *June - July 2012*

- Conducted over ten underwater surveys of benthic communities and sea bottom ecological indicators.
- Managed and analyzed several databases used in a project for the understanding of coastal artisanal fisheries and the effects of spatial management tools, such as TURFs, on their performance and conservation benefits.

Research Assistant, *Coastal Marine Research Station (CMRS), Chile.* *November – December 2011*

- Collected baseline information on the marine biodiversity of Bahia Añihue in Northern Patagonia, Chile.
- Collaborated to develop a proposal for a MPA in the region, which was officially established in February 2014.

National Observer, *Servicio Hidrográfico y Oceanográfico de la Armada de Chile (SHOA).* *March 2011*

- Designated to be onboard the scientific research ship R/V "*MELVILLE"* from Punta Arenas to Valparaíso.
- Collaborated on onboard activities and delivered a report on the results of the cruise to SHOA.

Science Technician, *Universidad de Valparaíso, Chile.* *October - December 2010*

- Analyzed samples of juvenile fish in a laboratory and determined growth rates from fish otholits, for a development project on the aquaculture of a native fish species of Northern Chile.

RESEARCH EXPERIENCE

Master Thesis. ***Bren School of Environmental Science & Management, UCSB, USA.*** *March 2013 - April 2014*

Evaluating restoration strategies for the recovery of an scallop population in the Ensenada de La Paz, Baja California Sur. Financed by NorOeste Sustentable A.C. (NOS). Advisor: Dr. Hunter Lenihan.

- Designed and performed research to optimize the recovery of a depleted scallop fishery in La Paz, Mexico.
- Developed a bioeconomic model to evaluate the cost-benefits of alternative restoration strategies.
- Worked with client NOS and local fishermen community to test potential restoration initiatives.
- Presented results and delivered a report with recommendations to client.

Undergraduate Thesis. ***Pontificia Universidad Católica de Chile, Chile.*** *November 2011 - June 2012*

Effects of upwelling over fishing production in coastal areas under different management regimes, in Central Chile. Financed by: Fondecyt 1100592. Advisor: Dr. Miriam Fernandez.

- Performed research on the links between upwelling and the performance of benthic fisheries yields in TURF areas.
- Developed programming and data management skills with the use of satellite images and Matlab software.
- Presented the results in the 2012 CERF Conference held in Buenos Aires, Argentina.

ACHIEVEMENTS & SKILLS

Publications: JI Zenteno *et al.* (2014). Marine Biology Research [▶].

Computer Skills: Microsoft Office, JMP SAS, R, Matlab, ArcGis.

Scuba Training: Licensed by the Chilean Navy, and trained in underwater research surveys.

Language Skills: Fluent in English (written, spoken, and comprehension) and Spanish (native speaker).

Communication Skills: Strong oral presentation and writing skills; presented scientific results at several conferences.