

# Juan Silva

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## EDUCATION

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**Master of Environmental Science and Management** (Expected June 2020)

**Bren School of Environmental Science & Management, University of California, Santa Barbara (UCSB)**

Specialization: Coastal Marine Resources Management

Highlighted Courses: Coastal Marine Ecosystem Processes; Environmental Institutions; Coastal and Ocean Policy and Management; Environmental Politics and Policy; Environmental Law and Policy; Economics for Environmental Management; Cost Benefit Analysis

Awards and Fellowships: Latin American Fisheries Fellowship (LAFF) & Becas Chile Scholarship-CONICYT (National Commission for Scientific and Technological Research) (Total Award \$120,000)

**Bachelor of Arts in Sociology** (August 2011)

**Pontifical Catholic University of Chile – Santiago, Chile**

## MASTER'S GROUP PROJECT

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**Title:** *Electronic Vessel Monitoring Systems in Small-Scale Fisheries: Technology Attributes & Incentives to Maximize Adoption*

**Client:** Global Fishing Watch | **Role:** Project Manager

- Collaborated with 5-person team on project aiming to determine technology attributes, socioeconomic variables, and incentives that maximize tracking technology adoption among small-scale fishermen
- Designed and implemented 87 surveys with fishermen in Mexico, assisted with 122 surveys in Indonesia, and conducted informal interviews on how different technology attributes are perceived by fishermen
- Analyzed interpretations of quantitative and qualitative data from surveys to summarize and report preliminary results to client through meetings and presentations, showing likelihood of technology adoption under different combinations of technology attributes (SOS capabilities, information ownership and privacy)
- Investigated monitoring, control and surveillance regulations in developing countries such as Indonesia and Mexico, where research is primarily focused

## ENVIRONMENTAL CONSULTING, PROJECT MANAGEMENT & RESEARCH EXPERIENCE

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**Chile California Council, California** (11/18–Present)

- Collaborated with the Executive Director of the Chile California Council to coordinate national and international panels regarding coastal marine management policies and strategies for COP 25 in Madrid, Spain, resulting in an agreement between the Minister of Science and a coalition of NGOs to start a collaboration process
- Contributed in several discussions for coastal management policy change in Chile with individuals and organizations from Chile and California in order to highlight the need for an Integrated Coastal Zone Management
- Drafted final reports for the 2018 and 2019 Chile California Conservation Exchange Conferences, based on presentations and discussions from more than 80 participants from government agencies, NGOs, and funders

**Project Intern, Benioff Ocean Initiative, Santa Barbara, CA** (10/19–Present)

- Analyze and research background reports about the impacts of solid waste management infrastructure and legislation have on the implementation of 9 river plastic capture system projects in developing countries in order to support the "Intercepting Plastic Waste From Rivers" program
- Determine impact categories and indicators for monitoring and evaluation of environmental, social and economic impacts of the projects and the program
- Manage relationships and work remotely with team leaders of the projects to coordinate actions through the project implementation process

## **ENVIRONMENTAL CONSULTING, PROJECT MANAGEMENT & RESEARCH EXPERIENCE continued**

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### **Project Manager & Researcher, Costa Humboldt NGO, Santiago, Chile (1/16–10/18)**

- Designed and implemented multiple projects for the sustainable management of marine and coastal areas with 5 Indigenous communities in southern Chile, with the participation of fishing associations and government agencies
- Developed funding proposals and drafted progress reports to funders
- Conducted interviews with 50 fishermen and wrote a research project report with 4-person interdisciplinary team addressing the ecological interactions between key species in the coastal habitats of northern Chile

### **Coastal Marine Consultant, Punta de Lobos Foundation, Santiago, Chile (9/17–9/18)**

- Collected and systematized data on stakeholder engagement and resources for coastal marine conservation efforts in Chile, in order to develop an institutional profile that allow advancing those efforts
- Designed strategies including digital communication, project tracking services, and new policies to foster collaboration among key marine conservation actors in Chile and highlight their success stories
- Wrote white paper on the importance of multi-stakeholder collaboration for coastal marine conservation

### **Environmental Consultant, Geute Conservación Sur Foundation, Santiago, Chile (11/17–09/18)**

- Designed and directed workshop to establish legislation framework and foster communication between more than 30 environmental organizations and individuals for river conservation in Chile
- Conducted Multi-Criteria Decision Analysis considering ecological, social, and economic factors to provide recommendations in river conservation and management strategies in Chile
- Assessed in communication strategies for partners and stakeholders engagement

### **Chief Consultant in Sustainability and Community, Pacto Ambiente, Santiago, Chile (3/15–12/16)**

- Assessed 5 companies and provided results for the design and operation of large investment projects in compliance with national and international environmental and social performance standards
- Developed community-based projects with more than 20 local communities across Chile to prevent and/or minimize social-environmental conflicts
- Managed budgets and contracts for the implementation of those projects in the territories, and drafted progress reports to the client

## **ADDITIONAL EXPERIENCE**

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### **Planning Specialist, National Council of Culture and the Arts, Government of Chile Valparaíso, Chile (3/13–7/14)**

- Organized government programs to connect citizens with the arts and public cultural spaces around Chile
- Managed contracts and budgets for program implementation, and drafted progress reports to authorities

### **Co-Founder and Director, Eroica Company, Santiago, Chile (11/11–3/13)**

- Created a platform for community outreach, fundraising, and events for independent Chilean musicians
- Recruited, trained and led a team of 4 interns and 4 staff, and assigned them tasks and responsibilities

## **SKILLS, CERTIFICATES, & AFFILIATIONS**

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**Computer:** Slack, Google Suite, Microsoft Office Suite, RStudio, ArcGIS

**Languages:** Spanish (Native), English (Advanced)

**Research Methods and Skills:** Survey design, interviews, focus groups, Participatory GIS (PGIS), Cost-Benefit Analysis, Multi-Criteria Decision Analysis

**Certificates:** International Studies Certificate – University of Chile (2014); Scuba-diving (PADI Open Water)

**Professional Affiliations and Leadership:** Chilean Society of Socio-Ecology and Ethno-Ecology (12/17); Bren School Dean's Advisory Council (11/18–Present)