

Taylor Andrew Parker, M.S., PhD

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My professional career of 17 years has been dedicated to protecting areas with diverse habitats and saving rare species. I protect land and species while creating jobs and meaningful existences with sustainable community development. I've helped raise over \$14 million from competitive funding, developed protections for and restored hundreds of acres of rare habitat, worked on over 12 rare and listed species globally, created and managed four successful environmental companies, produced new scientific discoveries, and educated tens of thousands of children. Currently, I manage two organizations and just finished my Ph.D. in conservation social science at Clemson University.

Currently:

Field work in a remote montane rainforest of Belize

- **Non-Profit Business Development** for a Conservation Research Station. Project involves developing agroforestry, nature-based solutions for community capacity building, and alternative payment structures for a conservation research station, called Toucan Ridge Ecology and Education Society, and contributing to community engagement for the sake of reducing deforestation and biodiversity loss regionally.

Pelecanus, Inc. (501c3)

- Long Beach, CA
- Vice-President, Co-Founder, Co-Host
- January 2015 - Current
- **Description:** Pelecanus is a non-profit multimedia collective that we started to give voice to conservationists globally. You can visit our website and social media to see our podcasts, videos, photos, and other communications and media: Pelecanus.org
- **Notable Achievements:**
 - Published 16 long-form conservation podcasts and videos, and 26 bi-weekly conservation news podcasts
 - Partnership with Smithsonian Earth Optimism to create a special podcast for them: The Possibilists

In May 2021, I finished my doctoral work in Conservation Social Science from Clemson University, South Carolina

- The project involved Conservation Area Management in the US South with a focus on Nature Based Solutions of Payment for Ecosystem Services, natural resource protection, and ethical landscape transformations of a 20,000-acre forest. It has been an analysis of conservation-based community development.

Professional Experience:

Tidal Influence, LLC

Long Beach, CA

Owner and Project Manager

December 2005 – January 2015

Description: I started the company as The Lagoon Explorer, merged it into Tidal Influence, and then finally established it as Tidal Influence LLC with a business partner. I was involved in all aspects of developing and organizing this environmental consultation, biological assessment, habitat restoration, and environmental education company.

Notable Achievements:

- **Built the company from nothing into a leading environmental consultancy and habitat restoration organization in southern California within 10 years, prior to turning 31 years old**
 - Hired and managed dozens of employees; several of which I was able to pay live-able, full-time salaries during the Recession – part of this was luck due to our fortunate timing but another part was due to our aggressive advocacy
 - Hired and managed 65 interns, almost all recent graduates, providing critical professional experience
 - My company was directly responsible for bringing over \$14 million to local environmental projects
 - Worked closely with many governmental agencies (NOAA, USFWS, USACOE, local municipalities, etc.) and the general public
 - I personally worked on over ten rare species and worked on de-listing at least two species – I'm most proud of this
- **Colorado Lagoon Restoration**
 - \$12-\$24 million habitat restoration of seriously impaired wetland: 3rd worst water body in California into one with the best water quality; removed over 80k cubic yards of contaminated sediment
 - Directly responsible for educating over 20,000 children a year for 5+ years
- **Los Cerritos Wetlands Restoration Planning and Community-based Habitat Improvement**
 - \$1 million planning process of one of the last coastal wetlands in southern California
 - Conceptual Restoration Design of 500-acre wetland currently being restored with various technical partners
 - Management of land, grants, environmental communications, public involvement meetings, and much more

- I sold my ownership of the company to increase my conservation impact by improving my global, technical, scholarly, and non-profit conservation experience
- After over a decade as a leader on very fulfilling conservation projects, I needed a break to assess my professional trajectory – I travelled to various parts of the world to work on rare species projects and was offered a position at Clemson University to pursue my doctorate

Friends of Colorado Lagoon (501c3)

Long Beach, CA

Education Director

December 2007 – December 2014

Description: Managed a nature center, managed educators, oversaw environmental education for field trips of k-University students, developed and managed summertime general public curriculum, developed and managed environmental education events for general public.

Notable Achievements:

- Over the seven years, facilitated the environmental education of over 150,000 individuals
- Developed and managed dozens of environmental education programs and staff

Los Cerritos Wetlands Stewards Inc.

Long Beach, CA

Project Manager and Naturalist

May 2003 – January 2006

Description: Managed urban wetlands and terrestrial and marine reserves.

• **Managed over a dozen habitats**

- In 2.5 years, I increased the operating capacity of the non-profit from \$25k/yr to \$125k/yr; Removed >200k lbs of trash and debris

Academic Background:

May 2021

PhD in Conservation Social Science
Clemson University, South Carolina

May 2018

Master of Science in Conservation Social Science
Clemson University, South Carolina

December 2006

Bachelor of Arts in Comparative World Literature
California State University, Long Beach

Software/Code Knowledge

Microsoft Office Suite. Highly Knowledgeable

Adobe Acrobat/Lightroom - Highly Knowledgeable

Adobe InDesign/Photoshop – Knowledgeable

Adobe Illustrator/Dreamweaver – Basic

Cloud-based website development (WordPress, Weebly, etc.) - Highly Knowledgeable;

MaxQDA – Highly Knowledgeable

ArcGIS. ArcMap – Basic

Technical Work (January 2015- Current):

IUCN. PANORAMA Pathfinder Reviewer. August-October 2021

Clemson University. Office of Land and Capital Asset Stewardship internship. Summer 2019.

Clemson University. Website, Media, and Book development. South Carolina. Summer 2018.

Clemson University. Graduate Student Research. South Carolina. Since August 2016.

Walama Restoration Project. Operations Director and Grant Writing. Eugene, Oregon. March - August 2016.

San Diego Audubon. Naturalist Guide and Trip Leader. October 2015-February 2016.

San Diego Zoo. Rare Species Researcher and Information Ambassador. Autumn 2015

New Zealand Fish and Game. Wildlife Technician. Avian Radio Telemetry and Triangulation. June-Sept 2015.

University of Louisiana. Wildlife Tech. Sonoran Desert Non-Invasive Tracking Study of Carnivores. May 2015.

Global Wildlife Resources. Wildlife Technician. Wildlife Handling and Chemical Immobilization. March 2015.

Ca Dept Fish and Wildlife. Bighorn Sheep Assessor. San Gabriel Mountains. March 2015.

USFWS. Seal Beach Naval Weapons Station. Endangered Species surveys. Sporadically over many years.'

Certificates, Awards, and Professional Development Coursework:

- **Permaculture Design.** Online Permaculture Course (not a PDC). Tagari Permaculture Institute. **May 2021**
- **Society of Environmental Journalists.** Member. **Since August 2020**
- **World Commission on Protected Areas membership.** International Union for Conservation of Nature. **Since April 2018**
- **Cascade Server Training.** Clemson University. **October 2017**
- **Geospatial Technologies Certificate.** Clemson University CGIT. **October 2017** (GIS, LIDAR, Tableau, etc.)
- **Non-Profit Fundraising Certificate.** Alison. **April 2016**
- **Museum Interpretation.** Museum of Natural and Cultural History. **April 2016**
- **Track and Sign 1 Certificate.** San Diego Tracking Team. **September 2015**
- **Wildlife Handling and Chemical Immobilization.** Global Wildlife Resources. **March 2015**
- **Wilderness First Responder.** Wilderness Medical Associates. **November 2014**
- **Aquatic Academy.** Prospects of Humankind in the 21st Century Lecture Series. Aquarium of the Pacific, Long Beach, Ca. **April 2014**
- **Certificate of Appreciation.** City of Long Beach Department of Health and Human Services Bureau of Environmental Health **March 2014**
- **Community Service Award.** Alamitos Heights Neighborhood Association. **September 2013**
- **Aquatic Academy.** Environmental Education Lecture Series hosted by the Aquarium of the Pacific, Long Beach, Ca. **May 2013**
- **Informal Science Educators Professional Development Program.** Lawrence Hall of Science, UC Berkeley. Long Beach, Ca. **January 2011**
- **Wetland Delineation Certificate.** Courses 1 & 2 (Basics and Methodology). **August 2010**

Licenses and Permits:

- **Wilderness Medical Associates.** Wilderness First Responder. **November 2014**
- **Department of Defense.** NWS Seal Beach Wildlife Refuge Volunteer. **October 2014**
- **CDFW.** Scientific Collecting Permit # 12690. **April 2014**
- **Wilderness First Aid Course.** **January 2014.**

Guest Lectures

- February 2020. **Qualitative Research Methodology.** Clemson University
- April 2018. **WFB Conservation Biology.** Clemson University
- April 2018. **PRTM 2200 Foundations.** Clemson University
- March 2018. **PRTM 2200 Foundations.** Clemson University
- February 2018. **PRTM 2200 Foundations.** Clemson University
- January 2013. **CLT Eco-Criticism.** California State University, Long Beach
- October 2012. **Geography.** California State University, Long Beach
- November 2011. **Aquatic Toxicology.** California State University, Long Beach
- September 2010. **ESP Intro to Environmental Science.** California State University, Long Beach

Volunteer Leadership Positions Held:

January 2015 – Current: Founding member. Pelecanus, Inc. Long Beach, Ca.
June 2017 – June 2018: President. Clemson University Bird and Naturalist Club, Clemson, SC.
June 2014 – March 2015: Board of Directors. Secretary. Museum of Latin American Art (MOLAA) Docent Guild
August 2009 – December 2014: Program Manager for LCWA Stewardship Program, Long Beach, Ca
January 2007 – December 2014: Education Director for the Friends of Colorado Lagoon in Long Beach, Ca
August 2008 – November 2011: Chair of the Board of Directors for Eco-Link NonProfit in Long Beach, Ca
April 2011- April 2012: Organizer and Co-Founder of Green Drinks, Long Beach

Field Experience:

- **Belize. Toucan Ridge Ecology and Education Society.** Agroforestry field work in remote rainforest. May 2021 to current.
- **Clemson University.** Social science and conservation photographer. August 2018-May 2021.
- **New Zealand Fish and Game.** Wildlife Technician. Avian Radio Telemetry. Summer 2015.
- **University of Louisiana.** Wildlife Technician. Sonoran Desert Non-Invasive Study of Carnivores. May 2015.
- **Global Wildlife Resources.** Wildlife Tech. Wildlife Handling and Chemical Immobilization. March 2015.
- **Ca Dept Fish and Wildlife.** Bighorn Sheep Counter. San Gabriel Mountains. March 2015.
- **US Fish and Wildlife Service. Endangered Species Surveyor.** Participated in “Eyes on the Colony” Least tern nesting habitat predator watch. Participated in Light Footed Clapper Rail Counts. 2007 – 2010, 2014
- **Chilean Patagonia.** Participated in Conservacion Patagonica’s park development. **January - February 2010.**

- **NOAA, Marine Fisheries Service. Honolulu, Hawaii. Scientist. *Oscar Elton Sette*.** Participated in NOAA's Teacher at Sea program for a month aboard their fisheries research vessel studying billfish and bottom fish. **April 2009.**
- **Department of Biological Sciences, CSU, Long Beach. Research Volunteer.**
 - Assisted with seines and surveys of fish and invert populations in Bolsa Chica Tidal Basin **Summer 2008**
 - Conducted botanical research of California native plants in CSULB greenhouse. **September 2007- 2008**
 - Conducted surveys and research of Belding's Savannah Sparrow (*Passerculus sandwichensis beldingi*) and their flight initiation distance in Seal Beach National Wildlife Refuge and Bolsa Chica. 2006 —2008
 - Assisted with seines and surveys of round sting ray (*Urobatilis hallerii*) populations in the Seal Beach National Wildlife Refuge. **2005 – 2007**
- **Mugu Lagoon Environmental Program. Restoration Technician.** Assisted with removal of iceplant populations and *Myoporum* infestations. **2006-2009**
- **US Fish and Wildlife Service. Surveyor.** Participated in surveys of several coastal wetlands for breeding pairs of the state endangered Belding's Savannah Sparrow. **2006**

Committee and Panel Experience

- **National Oceanic and Atmospheric Administration's Teacher at Sea yearly selection committee.** 2011 - 2014.
- **Community Service Partnership Panel.** Center for Community Engagement, CSU Long Beach. **April 2013.**
- **Green Career and Internship Panel.** California State University, Long Beach. **November 2011.**
- **Environmental Science & Policy department of CSULB.** Community Advisory Panel. **April 2011 – April 2012.**
- **Los Cerritos Wetlands Land Trust.** Board Member Nominating Committee. **2009.**
- **Luther Burbank Elementary School.** Organized development plan for Native Plant Garden. **2009.**

Writing Publications and Awards

- **Smithsonian Magazine Voices.** Everyone I Know Is Trying To Save The World. October 2021
- **Defenders of Wildlife.** A series of four articles discussing human and natural systems in conservation, called A Virus in the Compromised Immune System. July 2020. <https://defenders.org/blog/2020/07/healing-biosphere>
- **Clemson University.** Margaret H. Lloyd-SmartState Endowment & Hardscramble Conservation Property 2018. Editor, Writer&Photography
- **Endangered Species Coalition** To Kill A Mouse: Congress Quietly Increases Attacks on Endangered Species Act by 600%. Oct 2016.
- **Endangered Species Coalition.** Never Make The Same Mistake Twice: Don't Wipe out the Wolves. May 2016. <http://www.eugeneweekly.com/20160609/guest-viewpoint/never-make-same-mistake-twice>
- **The Water Garden Zine, Volume 1.** AliciaMurphyMusic.com. Oct 2014. Visiting Oblivion: How To Save Endangered Species
- **Garbanzo Literary Journal, Volume 3.** Seraphemera Press. Bethel, CT. Oct 2013. *Transcendence and Adaptation*
- **Aquarium of the Pacific Poetry Contest.** 2nd Place. May 2012. *Jupiter overhead*

Scientific Publications and Conference Posters

- Taylor Parker. **Hardscramble Conservation Project.** Poster presented at Margaret Lloyd Symposium. Clemson, SC. 2018.
- Taylor Parker. **Colorado Lagoon Restoration Project.** Poster Session presented at: Society for Environmental Toxicology and Chemistry. Long Beach, Ca. 2012
- Fernández-Juricic, Esteban, Eric Zahn, Taylor Parker, and Theodore Stankowich. "**California's Endangered Belding's Savannah Sparrow (*Passerculus sandwichensis beldingi*): Tolerance of Pedestrian Disturbance.**" *Avian Conservation and Ecology.* 4.2 (2009)
- A.Z Mason, Taylor Parker and Ray Thorn. "**Aquatic Toxicology 464/564 and Friends of the Colorado Lagoon — Community based Learning - an educational exercise combining outreach, research and service.**" Institute for Integrated Research in Materials, Environments and Societies. IIRMES Annual Report. 2007-2008.

Public Speaking Engagements (conferences, public lectures, and interviews)

- **Smithsonian. Conservation Commons. Earth Optimism.** Conservation Conversations. April 2021
- **Clemson University.** Forest/People. April 2021
- **Flora Y Tierra. Long Beach, Ca.** Habitat Conservation With The People Affected By It – Stories, Tools, and Methods. July 2018
- **Margaret Lloyd Symposium. Clemson, SC.** Hardscramble: a case study in eliciting conservation values using vernacular conservation methods. May 2018
- **Southeastern Recreation Research. Athens, Ga.** Hardscramble: a case study in eliciting conservation values using vernacular conservation methods. May 2018
- **California American Studies Association. Long Beach, Ca.** How to Hate What We Love: Death to Kittens and Our Incongruent Behavior Toward Wildlife. April 2017
- **California Native Plant Society, South Coast Chapter. Palos Verde, Ca.** We Can't Afford To Relax. January 2016

- **Association for the Study of Literature and the Environment (ASLE) Conference. Moscow, ID.** The Magic Environmental Art of Johnny Palacios Hidalgo. June 2015.
- **College of the Desert.** Critical Habitats and Rare Species: A discussion of the habitat restoration and biodiversity conservation profession. March 2015
- **Orange County Great Park. Agriculture, Wellness and Environment -- public lecture.** Visiting Oblivion: How To Save Endangered Species. January 2015.
- **Museum of Latin American Art. Focus on Art.** Magic Realism in Paint and Print. Aug 2014.
- **Council for Watershed Health. Low Impact Development Symposium.** Colorado Lagoon Restoration in the Community. June 2014.
- **Historical Society of Long Beach 3rd Annual Conference.** Colorado Lagoon Restoration in the Community. April 2014.
- **City of Long Beach Department of Health and Human Services Bureau of Environmental Health.** Colorado Lagoon Restoration and Water Quality. March 2014.
- **Rotary Club, Long Beach Chapter. Long Beach, Ca.** Keynote Speaker. Los Cerritos Wetlands. Aug 2013.
- **Association for the Study of Literature and the Environment (ASLE) Conference. Lawrence, Ks.** Coastal Consilience. June 2013.
- **Daniele Bolelli Podcast.** www.drunkentaoist.com. Interview. February 2013.
- **Green Orange Radio Show. KOCI 101.3. www. GreenOrangeShow.com.** Interview. February 2013.
- **Society of Environmental Toxicology and Chemistry (SETAC).** Feb 2013.
- **Robinson Jeffers Assoc. Conference. Monterey, Ca.** Consilience on the Coast. May 2012.
- **Headwaters to Oceans Conference. San Diego, Ca.** Culture of Conservation. May 2011.
- **Palm Springs High School, Ca.** Graduation Ceremony. Bacc. Keynote Speaker June 2010.
- **University by the Sea, Long Beach, Ca.** Native Plants Alternatives for the Landscaping. October 2008.
- **CSU, Long Beach. Long Beach, Ca.** Environmental History Lecture. October 2008.

Notable Reports Developed

- **Colorado Lagoon Mitigation Bank Prospectus Biological Resources Survey Report.** City of Long Beach and Moffatt & Nichol. Long Beach, Ca. July 2013.
- **Jurisdictional Delineation Report for Waters of the US and State of California.** City of Long Beach and Moffatt & Nichol. Long Beach, Ca. June 2013.
- **Habitat Assessment and Special Status Species Report.** Los Cerritos Wetlands Conceptual Restoration Plan, LCWA and Moffatt & Nichol. Long Beach, Ca. March 2012.
- **Public Involvement Plan.** Los Cerritos Wetlands Conceptual Restoration Plan, LCWA and Moffatt & Nichol. Long Beach, Ca. August 2011.
- **Safety Plan.** Los Cerritos Wetlands Conceptual Restoration Plan, LCWA and Moffatt & Nichol. Long Beach, Ca. July 2011.
- **OTD Site Feasibility Study.** Los Cerritos Wetlands Authority. Long Beach, Ca. May 2010.

Conservation Events Organized

- Protecting the Playground. Conservation Photography Art Show. Long Beach, Ca. December 2019
- Margaret Lloyd Symposium. Clemson, SC. May 2018
- Los Cerritos Wetlands Conceptual Restoration Plan, Public Involvement Workshop. Seal Beach, Ca. 6 Workshops between November 2011- March 2014.
- Moving Planet Day. 350.org & EcoLink Long Beach Global Climate Change Awareness kayak trip. Long Beach, Ca. September 2011.
- Environmental Arts and Service Learning Art Show. Surfrider Long Beach and Tidal Influence art show of student art at Viento Y Agua Coffeehouse. Long Beach, Ca. May 2011.
- Wetlands Day Annual Art Show. Somethings Creative, Tidal Influence and the Pike Restaurant art show. Long Beach, Ca. 2009-2011.
- Get to Work Day. 350.org & Los Cerritos Wetlands Authority Global Climate Change Awareness wetland planting event. Long Beach, Ca. October 2010.
- International 350 Day. 350.org & Friends of Colorado Lagoon Global Climate Change Awareness wetland planting event. Long Beach, Ca. October 2009

Websites Developed and/or Managed

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| <ul style="list-style-type: none"> • ConservationSocialScience.com • RaceToDoctor.com • The Nature Conservancy, BlueRidge (https://arcg.is/05iPrf) • Clemson.edu/cafls/lloyd_project/ • PracticePraxis.org • Pelecanus.org • TidalInfluence.com | <ul style="list-style-type: none"> • TidalInfluence.org • ColoradoLagoon.org • IntoLosCerritosWetlands.org • GlobalChoicesE3.org • AgeofEmpathy.com • ReggieVerduzco.com • MOLAADocents.org |
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Competitive Grants Awarded

Grant Summary			
Competitive Grants Awarded		\$14,362,500.00	
Client/Grant		Total	
(contributed to as part of team)			
Long Beach - Colorado Lagoon		\$7,800,000.00	
State Water Board		\$3,300,000.00	
ARRA		\$3,500,000.00	
Port of Long Beach		\$1,000,000.00	
Long Beach - Los Cerritos		\$5,500,000.00	
Hellman Acquisition		\$5,000,000.00	
CRP Design		\$500,000.00	
(personally wrote or was directly responsible)			
Friends of Colorado Lagoon		\$898,500.00	
Rivers and Mountains Cons.		\$500,000.00	
Ca Coastal Comm.		\$15,000.00	
SCWRP		\$28,000.00	
USFWS, Coastal Program		\$75,000.00	
Wrasic		\$5,000.00	
County LA		\$8,000.00	
REI		\$20,000.00	
NOAA/MSRP		\$18,000.00	
CNPS South Bay		\$8,000.00	
KYL		\$1,500.00	
CNPS		\$10,000.00	
Edison		\$10,000.00	
Navy/Pat Bairds		\$150,000.00	
LBPort-Greenhouse		\$50,000.00	
Los Cerritos Wetlands		\$113,000.00	
SCWRP		\$28,000.00	
USFWS, Coastal Program		\$30,000.00	
Ca Coastal Comm.		\$15,000.00	
SCWRP		\$30,000.00	
CNPS		\$10,000.00	
Walama Restoration Project		\$30,000.00	
Oregon State Parks		\$20,000.00	
Patagonia		\$10,000.00	
Clemson University		\$21,000.00	
Graduate Assistantship		\$20,000.00	
Travel Grant		\$1,000.00	
Competitive Grants Lost		\$5,539,400.00	
Client/Grant		Total	
Municipal Grants			
NOAA		\$5,000,000.00	
Walama Restoration Project			
CowCreek		\$10,000.00	
JuanYoung		\$10,000.00	
Mazamas		\$3,000.00	
Meyer		\$50,000.00	
Mountaineers		\$3,000.00	
Pacific Power		\$9,700.00	
REI		\$5,000.00	
Siuslaw		\$10,000.00	
Spirit Forest		\$10,000.00	
Willamette Forest		\$15,000.00	
Friends of Colorado Lagoon			
Friends of Colorado Lagoon		\$313,700.00	
EPA-Education		LOI	
Arts Council		\$1,000.00	
Ben and Jerry		\$2,000.00	
Carnival Cruise		\$5,000.00	
CocaCola		\$5,000.00	
Ca DFW OSPR		\$25,000.00	
Fund for Wild Nature		\$15,000.00	
GK-12		LOI	
Honda		LOI	
KYL		\$2,000.00	
Keen		\$25,000.00	
NAWCA		LOI	
NEEF		\$18,700.00	
Pacific Workforce		\$5,000.00	
Patagonia		\$10,000.00	
Royal Caribbean		\$75,000.00	
Wells Fargo		\$25,000.00	
Ca Coastal Comm		\$10,000.00	
Sempra		\$15,000.00	
James Irvine		\$75,000.00	
Verizon		LOI	
Los Cerritos Wetlands			
Los Cerritos Wetlands		\$100,000.00	
5Star		\$100,000.00	

General Community Volunteering Experience:

- Greenville Zoo. Docent. June 2019 – May 2021
- Clemson University Bird and Naturalist Club – President. Clemson, South Carolina. June 2017 – May 2018
- Greenville County Museum of Art docent. Greenville, South Carolina. December 2016 – May 2018
- Museum of Natural and Cultural History - Museum Interpretation. Eugene, Oregon. Spring and Summer 2016
- City of Eugene, Parks and Recreation – Adaptive Recreation assistant. Summer 2016
- San Diego Zoo - Zoo Interpretation. San Diego, Ca. Autumn, 2015.
- USFWS Seal Beach Naval Weapons Station. Endangered Species surveys of Belding's Savannah Sparrows and Ridgeway Rails, 2007-11

Rare and Endangered Species Worked On:

Belding's Savannah Sparrow	Salt Marsh Bird's Beak
Eastern Pacific Green Sea Turtle	California Least Tern
Light-footed Ridgeway Rail	Desert Tortoise
Pacific Pocket Mouse	Kakapo
California Brown Pelican	Wandering Skipper
Southern Tarplant	Western Snowy Plover
Georgia Aster	Yours