

Charles B. van Rees

www.vanreesconservation.com

Twitter: [@GuloThoughts](https://twitter.com/GuloThoughts)

EDUCATION

Ph.D., Biology (Ecology, Evolution, and Behavior), Tufts University – Awarded May 2018

Certificate in Water Resources Systems, Science and Society

Interdisciplinary Traineeship in Water Diplomacy

B.A., Ecology, **B.A.**, Environmental Science, *summa cum laude* with honors, Connecticut College – 2010

Minor: Spanish; **Certificate** in Conservation Biology

AWARDS & HONORS

2023	Honorable Mention, Best Conservation Paper, The Society for Freshwater Science
2021	Young Author Award, The Society of Population Ecology
2018	Best Student Paper, The Waterbird Society
2017	Certificate of Commendation for Dedication & Service to Hawaiian Conservation (House of Representatives, State of Hawai‘i)
2016	Tufts University Undergraduate Mentoring and Teaching Award
2016	1 st Place in Research Talks, Tufts Graduate Student Research Symposium
2016	Honorable Mention – North American Ornithological Congress Best Student Presentation
2010	Finalist, Oakes and Louise Ames Prize for Outstanding Honors Thesis
2010	Connecticut College Winthrop Scholar
2010	Helen F. Mathieson Prize for Excellence in Conservation Biology
2010	Barbara Shattuck Kohn Prize for Excellence in Environmental Studies
2009	Sibyl A. Houseman Prize for Excellence in Biology
2006-10	Dean's High Academic Honors, Connecticut College

GRANTS & FELLOWSHIPS

2022	(\$2,000) Archbold Biological Station Visiting Scholar Fellowship
2021	(\$2,600) American Ornithological Society Postdoctoral Research Grant
2020	(\$51,000) Northwest Climate Adaptation Science Fellowship
2019	(\$35,000) USFWS Partners Grant (as ecologist for Livable Hawaii Kai Hui)
2018	(\$22,956) Fulbright Early Career Scholar Award
2017	(\$300) Hawaii Conservation Alliance Student Scholarship Program
2016	(\$5,280) Tufts Institute for the Environment Interdisciplinary Research Grant
2016	(\$25,000) Disney Conservation Fund Annual Conservation Grant
2016	(\$1,000) Wilson Ornithological Society Paul A. Stewart Research Grant
2016	(\$1,000) Sigma Xi Grants-in-Aid of Research
2015	(\$5,690) Tufts Institute for the Environment Graduate Research Fellowship
2015	(\$3,000) Tufts Institute for the Environment Graduate Research Grant
2014-21	(\$14,550) Nuttall-Blake Fund Research Grant
2014	(\$1,512) Tufts Graduate School of Arts & Sciences Research Competition
2013	(\$5,900) Tufts Institute for the Environment Graduate Research Fellowship
2013	(\$1,200) Tufts Institute for the Environment Student Travel Grant
2013	(\$1,000) Pacific Coast Joint Venture Invited Speaker Travel Support
2012	(\$56,000) NSF IGERT Water Diplomacy Fellowship at Tufts University
2010	(\$3,000) Mellen Environmental Studies Research Grant
2008-2010	(\$3,500) Undergraduate Research Fellowship, Goodwin-Niering Center for Conservation Biology and Environmental Studies

RESEARCH AND PROFESSIONAL EXPERIENCE

- Odum School of Ecology, University of Georgia** Athens, GA
Assistant Research Scientist, Graduate Faculty Spring 2022 – Present
 Designing interdisciplinary research proposals on biodiversity conservation via Nature-based Solutions
 Coordinating and co-leading multiple parallel interdisciplinary research teams
 Co-advising graduate students and leading a study abroad course in ecology and natural history
- Odum School of Ecology, University of Georgia** Athens, GA
Postdoctoral Research Associate Spring 2021 – 2022
 Coordinating multi-project collaborative research initiative on nature-based infrastructure
 Synthesizing and modeling impacts of water infrastructure on biodiversity at multiple scales
- Flathead Lake Biological Station, University of Montana** Polson, MT
Postdoctoral Research Associate Fall 2019 – Spring 2021
 Designed analytical pipeline for predicting spread risk for aquatic invasive species
 Coordinated an inter-agency collaborative research team at the state and national scales.
- Department of Wetland Ecology, Estación Biológica de Doñana** Seville, Spain
Fulbright Early Career Scholar Fall 2018 – Summer 2019
 Investigated effects of water management on space use of migratory waterbirds in rice fields
 Analyzed time-series data on impacts of flooding on waterbird nesting patterns in natural wetlands
- Department of Biology, Tufts University** Medford, MA
Postdoctoral Researcher Summer 2018
 Quantitatively assessed extinction risk for two candidate species for down-listing from endangered
 Provided actionable knowledge for improving habitat management among multiple agencies
- Department of Biology, Tufts University** Medford, MA
Ph.D Candidate Fall 2012—Spring 2018
 Studied the effects of wetland loss, climate change and connectivity on the Hawaiian gallinule
 Designed new frameworks for integrating ecological science into sustainable water management
- Cross-Realm Conservation Team, Center for Large Landscape Conservation** Bozeman, MT
Visiting Conservation Scientist Winter—Spring 2017
 Investigated cross-realm solutions for protecting freshwater & terrestrial ecosystems in Montana
 Convened scientists and stakeholders to guide future conservation decision-making in Yellowstone
- Shorebird Monitoring Program, Trustees of Reservations** Ipswich, MA
Wildlife Technician Spring – Fall 2012
 Monitored populations and nesting behavior of two threatened shorebird species
 Performed active predator management and nest protection based on published research
- Koenig Lab, Cornell Laboratory of Ornithology** Carmel Valley, CA
Field Technician Fall 2011 – Spring 2012
 Collected behavioral data for long-term research on cooperative breeding woodpeckers
 Studied oak mast phenology and nesting of dependent bird species
- Avian Ecology Lab, Archbold Biological Station** Venus, FL
Avian Ecology Intern Winter 2010 -Summer 2011
 Conducted extensive field surveys, observations, and monitoring of a threatened bird species
 Trapped, banded, and collected blood samples from birds for ongoing conservation research
- Shrubland Bird Team, National Audubon Society** Southbury, CT
Field Research Assistant Summer 2010
 Captured, banded, and counted declining shrubland birds to inform habitat management
 Surveyed and collated habitat data and reviewed literature on rates of cowbird parasitism

Sea Turtle Conservation Program, WIDECAS Costa Rica
Research Assistant & Volunteer Coordinator

Gandoca, Costa Rica
 Summer 2009

Tagged, measured, and monitored nesting female leatherback Sea Turtles on a critical nesting beach
 Led nightly patrols to protect endangered nesting turtles
 Translated between local staff, volunteers, and the public

PEER-REVIEWED PUBLICATIONS(* - Shared First Authorship; † - Student Mentee co-author)

van Rees, C.B., Jumani, S., Abera, L., Rack, L., McKay, S.K., and Wenger, S.J. 2023. The potential for nature-based solutions to combat the freshwater biodiversity crisis. *PLoS Water* 2(6): e0000126.

Paxton, A.H., Paxton, K.L., Kawasaki, M.T., Gorresen, P.M., **van Rees, C.B.**, Underwood, J.G. 2023. Hawaiian waterbird movement across a developed landscape. *The Journal of Wildlife Management* 87(1): e22336.

Burgio, K.R., Davis, K.E., Dreiss, L.M., Cisneros, L.M., Klingbeil, B.T., Preseley, S.J., **van Rees, C.B.**, and Willig, M.R. 2022. Integrating multiple dimensions of biodiversity to inform global parrot conservation. *Animal Biodiversity and Conservation* 45(2): 189-202.

van Rees, C.B., Elphick, C.S., and Reed, J.M. *in press*. Evaluating the potential de-listing of two endangered Hawaiian waterbirds using population viability analysis and Bayesian hierarchical models. *Avian Conservation and Ecology* 17.1.

van Rees, C.B., Naslund, L., Hernandez-Abrams, D.D., McKay, S.K., Woodson, C.B., Rosemond, A., McFall, B., Altman, S., and Wenger, S.J. 2022. A Holistic Monitoring Approach for Natural Infrastructure. *Science of the Total Environment* 832: 155078.

van Rees, C.B., Hand, B.K., Barger, C., Carter, S.C. et al., 2022. A Framework to Integrate Innovations in Invasion Biology Science for Proactive Management. *Biological Reviews* 97(4): 1712-1735.

†*Howard, L., ***van Rees, C.B.**, Dahlquist, Z., Luikart, G., and Hand, B.K. 2022. A Review of Invasive Species Reporting Apps for Citizen Science and Opportunities for Innovation. *NeoBiota* 71.

†Carter, S., **van Rees, C.B.**, Hand, B.K., Muhlfeld, C., Luikart, G., and Kimball, J.S. 2022. Testing a machine learning workflow for aquatic invasive species on Rainbow trout (*Oncorhynchus mykiss*) in Northwest Montana. *Frontiers in Big Data* 4.

*Leigh, D.M., ***van Rees, C.B.**, Milette, K.L., et al. 2021. Opportunities and challenges of macrogenetic studies. *Nature Reviews Genetics* 22(12): 791-807.

van Rees, C.B., Aragonés, D., Bouten, W., Bustamente, J., and Green, A.J. 2021. Dynamic space use of Andalusian rice fields by Lesser Black-backed Gulls (*Larus fuscus*) is driven by flooding pattern. *IBIS* (online early access).

Paz-Vinas, I., Jensen, E.L., Bertola, L.D., Breed, M.F., Hand, B.K., Hunter, M.E., Kershaw F., Leigh D.M., Luikart, G., Mergeay, J., Miller, J.M., **van Rees, C.B.**, Segelbacher, G., Hoban, S. 2021. Macro-genetic studies must not ignore limitations of genetic markers and scale. *Ecology Letters* 24(6): 1282-1284.

van Rees, C.B., †Muñoz, M.A., Cooke, S.C., and Reed, J.M. 2021. Morphometric differences in an isolated, island-endemic subspecies of the Common gallinule (*Gallinula galeata*). *Pacific Science* 74(4): 345-364.

van Rees, C.B., Jähnig, S.C., et al., 2021. Safeguarding Freshwater Life Beyond 2020: Recommendations for the new Global Biodiversity Framework from the European Experience. *Conservation Letters* 14(1): e12771.

Gormally, B.M.G., **van Rees, C.B.**, Bowers, E., Reed, J.M., and Romero, L.M. 2020. Feather corticosterone does not correlate with environmental stressors or body condition in an endangered waterbird. *Conservation Physiology* 8(1): coaa125.

van Rees, C.B., Surya, G., and Reed, J.M. 2020. Multiple Sources of Evidence for density dependence in the endangered Hawaiian stilt (*Himantopus mexicanus knudsenii*). *Population Ecology* 62: 207-219.

van Rees, C.B., Rozek, J.C., Garcia, G., and J.M. Reed 2019. Ecological Stakeholder Analogs as intermediaries between freshwater biodiversity conservation and sustainable water management. *Environmental Policy and Governance* 29.4: 303-312.

Cooke, S.C., Haskell, L.E., **van Rees, C.B.**, and Fessl, B. 2019. A Review of the Introduced Smooth-billed Ani (*Crotophaga ani*) in Galápagos. *Biological Conservation*. 229:38-49.

van Rees, C.B. 2018. Wetland conservation in Hawaii and the need for flagship species. *Elepaio* 78: 37-41.

van Rees, C.B. and J.M. Reed. 2018. The potential effects of habitat connectivity, management and sea level rise on the extinction risk of an endangered waterbird in a fragmented island landscape. *PeerJ* 6: e4990.

van Rees, C.B., Reed, J.M., Wilson, R.E., Underwood, J.G., and S.A. Sonsthagen 2018. Landscape genetics implicates stream and drainage infrastructure as corridors in the dispersal of an endangered wetland bird. *Ecology and Evolution* 8: 8328-8343.

van Rees, C.B., et al. 2018. Estimation of vital rates for the Hawaiian gallinule, a cryptic, endangered waterbird. *Journal of Fish and Wildlife Management* 9:117-131.

van Rees, C.B., Reed, J.M., Wilson, R.S., Underwood J.G., and S.A. Sonsthagen. 2018. Small-scale genetic structure in an endangered wetland specialist: possible effects of landscape change and population recovery. *Conservation Genetics* 19:129-142.

van Rees, C.B. and J.M. Reed 2015. Water Diplomacy from a Duck's Perspective: Wildlife and Ecosystems as stakeholders in Water Management. *Journal of Contemporary Water Research and Education* 155:28-42.

van Rees, C.B. and J.M. Reed 2014. Wetland Loss in Hawai'i since human settlement. *Wetlands* 32:335-350.

PEER-REVIEWED BOOK CHAPTERS

van Rees, C.B., Rozek, J.C., and Garcia, G. 2019. Confronting the Natural Domain: Strategies for Addressing Ecology and Conservation in Complex Water Management Challenges. In: *Interdisciplinary Collaboration for Water Diplomacy: Problem-Driven Research and Practice*. (Islam, S. and Smith, K., Eds.). *Routledge Press*.

Burgio, K.R., **van Rees, C.B.**, Block, K.E., Pyle, P., Patten, M.A., Spreyer, M.F. and E.H. Bucher 2016. Monk Parakeet (*Myiopsitta monachus*), In: *The Birds of North America* (P.G. Rodewald, Ed.). Ithaca: Cornell Lab of Ornithology.

PENDING PUBLICATIONS (* - Shared First Authorship)

McKay, S.K., Wenger, S.J., **van Rees, C.B.**, Bledsoe, B.P., and Bridges, T.S. *in review*. Jointly advancing infrastructure and biodiversity conservation. *Nature Sustainability*.

van Rees, C.B. *in prep*. Human-Environment Water Conflict and the Need for a New Approach to Water and Wildlife in the Anthropocene. Planned submission to *Global Change Biology*

van Rees, C.B., Chambers, M., Buhr, D., Mansur, A., Suedel, B., and Nibbelink, N. *in prep*. A Conceptual Model for Multi-criterion Spatial Prioritization of Levee Setbacks. Planned submission for *Water Resources Research*.

OTHER PUBLICATIONS

van Rees, C.B. 2022. Perspectives from the Global South inform and affirm the contemporary river conservation paradigm: A commentary on Feio et al. *Global Change Biology* 29(2): 292-293.

van Rees, C.B. and Kawasaki, M.T. 2020. Restoring Hawaii's wetlands is caring for our history, culture. Honolulu Star Advertiser, February 2020.

Reilly, E. and **van Rees, C.B.** 2018. Urban wetlands play key role in sustaining communities. Honolulu Star Advertiser, January 2018.

Creech, T., McClure, M., and **van Rees, C.B.** 2018. A Conservation Prioritization Tool for the Missouri Headwaters Basin. Center for Large Landscape Conservation, Bozeman, MT.

van Rees, C.B. 2017. Disney Conservation Fund Grant to Protect Endangered 'Alae 'Ula. *Kolea* 67:9. Conservation Council for Hawaii.

van Rees, C.B. 2015. Kokua needed to track the elusive 'Alae 'Ula. *Kolea* 65:5. Conservation Council for Hawaii.

SELECTED INVITED TALKS (11 of >40)

van Rees, C.B. 2021. Chasing the Fire Thief: Ecology and Conservation of the elusive 'Alae 'ula and other threatened Hawaiian waterbirds. Odum School of Ecology Lecture Series, Athens, GA.

van Rees, C.B. 2019. Saving Hawaii's Swamp Chicken: The Conservation story of 'Alae 'Ula. Flathead Audubon Society Lecture Series, Kalispell, MT.

van Rees, C.B. 2019. Bridging conservation research and water security post-2020. EU Biodiversity Strategy Post-2020 Advisory Meeting Ghent, Belgium.

van Rees, C.B. 2019. Conserving Nature on a hot, crowded planet: Lessons learned from the Belgian gulls of Andalusia. Fulbright Spain 2019 Mid-Year Seminar. Valencia, Spain.

van Rees, C.B. 2018. Saving Hawaii's Swamp Chickens: The Impacts of Landscape and Climate Change on the Hawaiian gallinule. The Wildlife Society & Montana State University Department of Ecology Summer Lecture Series, Bozeman, MT.

van Rees, C.B. 2018. Marsh Birds in Paradise: The Ecology and Conservation of the Hawaiian Gallinule. Nuttall Ornithological Club Lecture Series, Harvard University, Cambridge, MA.

van Rees, C.B. 2017. Tracking the Fire Thief: A Case Study in American Connectivity Conservation. British Trust for Ornithology Seminar, Thetford, UK.

Creech, T. and **C.B. van Rees** 2017. Wilderness to Waikiki: Case Studies in American Connectivity Conservation. Cambridge Conservation Forum Lecture, David Attenborough Building, Cambridge, UK.

van Rees, C.B. 2015. The Movement Mystery of the Hawaiian gallinule. University of New Hampshire, Department of Biology, Durham, NH.

van Rees, C.B. 2013. Hawaiian Wetlands—A Historical Perspective. Pacific Coast Joint Venture Hawaiian Wetlands and Waterbird Workshop, Kailua, HI.

Ellmore, G.S. and **C.B. van Rees**. 2012. Vietnam on the Biodiversity stage: Biodiversity Hotspots and Conservation Biology. Hanoi University of Science, Hanoi, Vietnam.

SELECTED CONFERENCE PRESENTATIONS (10 of >50)

van Rees, C.B., Aragonés, D., Bouten, W., Thaxter, C., Ross-Smith, V.H., Steinen, E., Bustamante, J., and Green, A.J. 2020. Temporally Dynamic Resource Use of Overwintering Waterbirds During an Agricultural Cycle in Southern Spain. North American Ornithological Conference VII (Virtual).

van Rees, C.B., Surya, G., and Reed, J.M. 2020. Multiple Sources of Evidence for Density Dependence in the Endangered Hawaiian Stilt. North American Ornithological Conference VII (Virtual).

van Rees, C.B., Hand, B.K. *et al.* 2020. Integrating underutilized technologies to predict the spread of aquatic invasive species. American Fisheries Society, Montana Chapter Conference. Kalispell, MT.

van Rees, C.B. and Reed, J.M. 2018. The impacts of climate change and dispersal behavior on population viability of an endangered Hawaiian waterbird. 27th Annual International Ornithological Congress, Vancouver, BC.

van Rees, C.B., et al. 2018. Navigating a Paved Paradise: Landscape Genetics of an Endangered Hawaiian Waterbird. **Winner of Best Student Paper**. 42nd Annual Meeting of the Waterbird Society. Vancouver, BC.

van Rees, C.B., Reed, J.M., Wilson, R.E., Underwood, J., Nadig, A., and S.A. Sonsthagen. 2018. Landscape genetics of endangered Hawaiian waterbirds. Student Conference on Conservation Science, University of Cambridge, Cambridge, UK.

van Rees, C.B., et al.. 2017. Marsh birds in urban lands: Do stream corridors explain population connectivity? Student Conference on Conservation Science, American Museum of Natural History, New York City.

van Rees, C.B., Kawasaki, M.T., Underwood, J., Sonsthagen, S.A., Paxton, E.H., and J.M. Reed 2016. Ke lele manu o ka wai: Movement Ecology and Conservation of Hawaiian Waterbirds. IUCN World Conservation Congress 2016, Honolulu, Hawaii.

van Rees, C.B., Reed, J.M., Wilson, R.E., Underwood, J., Nadig, A., and S.A. Sonsthagen 2016. The movement ecology of an endangered rallid: The Hawaiian gallinule. North American Ornithological Congress VI, Washington, D.C.

MENTORING

2019-2022	Sean C. Carter , M.S. Forestry, University of Montana (2022)
2019-2022	Leif Howard , B.S. & M.S. Wildlife Bio., University of Montana (2020 & 2022)
2018-2021	Lukanicole Zavas , M.S. Nat. Resources, University of Hawai‘i at Mānoa (2020)
2017-2018	Matthew Pedrotti , B.S. Botany, Humboldt State University (2018)
2016-2021	M. Alejandra Muñoz , B.S. Ecology, Tufts University (2018)
2015-2017	Annie Miller , B.S. Ecology, Tufts University (2016)
2015	Tiana Bolosan , B.S. Envi. Science, University of Hawai‘i at Hilo (2016)
2014-2020	Martha Kawasaki , M.S. Tropic. Conserv., University of Hawai‘i at Hilo (2020)

OUTREACH & MEDIA COVERAGE

2022 TED_x Speaker, “A Glance through Nature's Playbook”. TED_x Bozeman, April 2022.

Featured Guest, [Anchor & Flame Podcast](#). "[Conversation with Naturalist Dr. Charles van Rees](#)" December 2021.

Featured Guest, [Podsongs Podcast](#). "[Charles van Rees on invasive species \(ft. Musical guests Creature Comfort](#)" November 2021.

Featured Guest, [Rewildology Podcast](#). "[The \(Im\)Balance Between Life & Water with Charles van Rees, PhD](#)" September 2021.

Guest Scientist, SciComm Mondays Science [Livestream](#) with Nicole Wood.

Featured Guest, Maunalua: East Oahu Communities Working Together.

Episodes aired [September](#) 2014, [August](#) and [September](#) 2015, [June](#) 2016.

Featured in "[Campbell's Coup](#)", Hawaii Magazine, September/October 2014 edition by Mary Vorsino.

Science Storyteller, [The Story Collider](#).

Authored and performed science story about field work in ecology & conservation. Recorded live at the Oberon theatre in Cambridge, MA and [podcast](#) in March 2014.

LEADERSHIP, VOLUNTEERING & SERVICE

- Founder & Lead Author**, The [Gulo in Nature](#) Blog Athens, GA
Wrote weekly blog posts on naturalist tips, outdoor recreation, Winter 2022-Present
ecology, conservation, and environmental careers for a nature education blog.
- Scientific Advisor**, ‘Alae ‘ula Recovery Working Group Kapa‘a, HI
Co-produced a recovery & reintroduction plan for an Summer 2021-Present
endangered waterbird
Facilitated grant development among collaborators from state, federal & private agencies
- Executive Board Member**, [K9 Conservationists](#) Missoula, MT
Provided scientific consultations for organization mission and directives Spring 2021-Present
Researched and identified grant funding and outreach opportunities
- Executive Board Member**, Hawai‘i Islands Conservation Collective Honolulu, HI
Provided scientific expertise on endangered bird ecology Winter 2020 - Present
Deliberated and voted upon organizational mission, goals, and actions
- Co-Producer & Co-Host**, [The Nature Guys Podcast](#) Cincinnati, OH
Joined naturalist team sharing nature topics with >5,000 listeners bimonthly Fall 2020 - Present
Co-produced episode mini-series on water and the environment featuring Erin Brockovich
- Lead Ecologist**, [Livable Hawaii Kai Hui](#) Honolulu, HI
Drafted conservation plan for biodiversity on managed properties Summer 2015 - Present
Spearheaded and organized applications for wildlife conservation grants
Directed community science research programs and managed databases
- Spatial Analyst**, The Trustees of Reservations Ipswich, MA
Helped resident biologists manage spatial datasets and ArcMAP Spring 2013
Collated and organized long-term survey data for a state listed species.
- President, Connecticut College Martial Arts Club** New London, CT
Coordinated training schedules and skill trades for 30+ students Fall 2007 – Spring 2010
Organized performances for cultural events & self-defense workshops for women & LGBT students
- Reviewer For:** Proceedings of the Royal Society B, Global Change Biology, Nature Scientific Reports, Environmental Reviews, Wetlands, Freshwater Biology, Water, Animal Conservation, Frontiers in Ecology and Evolution, Wilson Journal of Ornithology, Waterbirds, Anthropocene, Journal of Field Ornithology, Sustainability, Ornithological Science, PeerJ, Ecology and Evolution, Diversity and Distributions, Ecological Indicators, Biological Invasions

WORKSHOPS & PROFESSIONAL DEVELOPMENT

- Theory and Practice of Linking Knowledge with Action for Applied Science** Seattle, WA
Spring 2021
Graduate-level fellowship training in achieving scientific co production.
- Montana Master Naturalist Certification** Missoula, MT
Field- and course-work certification in natural history and Fall 2020
interpretive nature guiding
- Communication Skills for Effective Leadership** Madrid, Spain
Intensive training in written and oral communication for team coordination January 2019

Using Conservation Evidence to answer conservation questions	Cambridge, UK
Training in evidence-based approaches to applied conservation research.	April 2018
Hawaii Bird Banding Workshop	Honolulu, HI
Ethics and methods of bird capture, banding, and resighting for research.	February 2018
Spatial Analysis in R	New York, NY
Handling and analyzing spatial datasets using statistical analysis software.	October 2017
Making Conservation Politically Effective	New York, NY
Training in representing conservation interests to lawmakers	October 2017
Occupancy modeling for Ecology in R	New York, NY
Statistical theory and programming for occupancy-based ecological models.	October 2016
Mediation and Negotiation in Water Resources Conflicts	Harvard, MA
Mediating and leading negotiations between stakeholders in water conflicts.	September 2015
Wetland Ecology and Management	Puxico, MO
Training in hydrology and ecology of lentic wetland systems.	August 2013

PROFESSIONAL SKILLS SUMMARY

Software: ENVI, ArcGIS, QGIS, Program MARK, SPSS, Microsoft Office Suite

Programming: R (advanced), Python (basic), JAGS/OpenBUGS, MATLAB (basic), SQL (basic)

Language: English (Native speaker), Spanish (Near-fluent)

PROFESSIONAL AFFILIATIONS

American Ornithological Society, Sigma Xi, IUCN Connectivity Conservation Working Group, GEO BON Species Populations Working Group, Freshwater BON, Nuttall Ornithological Society, Phi Beta Kappa.

REFERENCES

Dr. J. Michael Reed

Professor of Biology

Tufts University

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Dr. Gordon Luikart

Professor of Conservation Genetics

Department of Wildlife Biology

University of Montana & Flathead Lake Biological Station

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Dr. Andy J. Green

Senior Research Professor

Department of Wetland Ecology

Doñana Biological Station

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Dr. Shafiqul Islam

Professor of Civil Engineering & Water Diplomacy

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Dr. Tyler Creech

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Connecticut College

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