Leah R. Gerber

ARIZONA STATE UNIVERSITY

FOUNDING DIRECTOR ● CENTER FOR BIODIVERSITY OUTCOMES
PROFESSOR ● SCHOOL OF LIFE SCIENCES, COLLEGE OF LIBERAL ARTS AND SCIENCES

leah.gerber@asu.edu
web.asu.edu/gerber
biodiversity.asu.edu
(480) 727-3109
PO Box 875402
Tempe, AZ 85287
Leah Gerber
Leah Gerber

Education

1998 PhD, Wildlife Ecology, University of Washington, Seattle, Washington
1993 MMA, Marine Policy, University of Washington, Seattle, Washington
1992 BA, Environmental Biology & French, Mills College, Oakland, California

Principal Professional Employment

2025- Oxford Martin Fellow, Biodiversity and Society, University of Oxford, UK
2013- Professor, Arizona State University, Tempe, AZ
2017-18 Fulbright Fellow, Universito de San Francisco de Quito, Ecuador
2017 Adjunct Faculty, Leuphana University, Luneburg, Germany
2017- Fellow, Institute for the Future of Innovation in Society, ASU, Tempe AZ
2013- Honors Faculty, Barrett Honors College, Arizona State University, Tempe, AZ
2013- Affiliate Faculty, Applied Math for Life and Social Sciences, Arizona State University, AZ
2011- Senior Sustainability Scientist, Global Institute of Sustainability, Tempe, AZ
2011- Affiliate Faculty, School of Public Affairs, Arizona State University, Tempe, AZ
2010-11 Distinguished Visiting Associate Professor, UC Santa Barbara, Santa Barbara, CA
2009-10 Sabbatical Fellow, National Center for Ecological Analysis and Synthesis, SB, CA
2007-13 Exemplar Associate Professor, Arizona State University, Tempe, AZ
2002-07 Assistant Professor, School of Life Sciences, Arizona State University, Tempe, AZ
1999-02 Postdoctoral Fellow, National Center for Ecological Analysis and Synthesis, SB, CA
1993-98 Marine Ecologist, National Marine Mammal Laboratory, Seattle, WA
1992-93 Biological Diversity Associate, Center for Marine Conservation, Seattle, WA

Leadership

2014-Current Founding Director, Center for Biodiversity Outcomes, Arizona State University

- Envisioned and executed the establishment of academic boundary organizations to cultivate innovation among ASU's diverse scholars and link this scholarship to practitioner needs in governmental, NGO and corporate sectors.
- Developed strategic plan, led staff hiring, engaged faculty affiliates and program leads. Supported alignment of activities by securing, coordinating, and configuring resources, capacity, and projects to address the most critical science questions, threats, and strategies.
- Developed a fundraising and development plan for the Center's growth, which grew from a modest internal investment to multi-million-dollar enterprise.

- Established partnership programs with a dozen external organizations, organized collaborative efforts among faculty and with partners and served as the primary spokesperson for CBO to internal and external audiences to cultivate support and promote CBO's mission and vision.

Teaching

2024- Arizona State University: Embedding conservation in business strategy
2018- Arizona State University: Marine ecology and conservation
2017- University de San Francisco de Quito: Environmental leadership and communication
2016- Arizona State University: Quantitative methods in conservation and ecology
2012- Arizona State University: Environmental leadership and communication
2011- Arizona State University: Conservation biology and ecological sustainability
2011 UC Santa Barbara: Conservation planning
2010 UC Santa Barbara: Environmental modelling
2007 Arizona State University: Principles of sustainability (co-instructor)
2006-8 Arizona State University: Marine mammal behavior and conservation
2002- Arizona State University: Quantitative conservation biology
2003 Arizona State University: Applications of behavioral ecology to conservation biology
2003- Arizona State University: Marine conservation biology
2002- Arizona State University: Conservation Innovation Lab
2002 University of Oregon: Marine protected areas (field course at marine lab)
2002 Prescott College: Marine mammal biology and conservation (field course in Mexico)
2000 University of California at Santa Barbara: Problem-solving in conservation biology
1999 University of California at Santa Barbara: Graduate seminar on ESA recovery plans
1998 The Nature Conservancy: Population viability analysis workshop
1998 University of Washington, Friday Harbor Laboratories: Marine conservation biology
1993 University of Washington: Ecology and the biosphere

Grants and Research Contracts

Unless otherwise indicated, LRG is principal investigator

2025 Paul M Angell Foundation ($320,000)
2025 Salt River Project ($101,000)
2024- Rob Walton Foundation, School of Conservation ($115,000,000; PI: Michael Crow)
2024 Gordon and Betty Moore Foundation ($100,000)
2024 NSF SOS-DCI ($500,000)
2023 Salt River Project ($99,000)
2022 ASU Women in Philanthropy ($50,000, PI: Gwen Iacona)
2021 NSF SOS-DCI ($625,000)
2021 USAID ($800,000; PI: Percy Summers)
2020 Electric Power Research Institute ($168,000)
2020 Bayer Charitable Trusts ($490,000)
2019 Johnson Foundation ($200,000)
2019 Pew Charitable Trusts, Lenfest Ocean Program ($350,000)
2018 NSF ADVANCE ($1,730,447; PI: Elizabeth Wentz)
2017 NSF, Science of Science & Innovation Policy ($392,000)
2017 Nippon Foundation ($120,000; PI: Jack Kittinger)
2016 NCEAS, Science and Nature for People ($200,000)
2016 Levi Strauss Corporation ($60,000)
2016 The Nature Conservancy ($100,000)
2016 Central Arizona Conservation Alliance ($12,000)

2015 NCEAS, Science and Nature for People ($125,000)
2015 The Earth Genome ($110,000)
2014 National Socio-Environmental Synthesis Center ($85,000)
2014 ASU, Center for Biodiversity Outcomes seed support (1.5M)
2013 The Lighthouse Foundation ($81,000)
2012 National Center for Ecological Analysis and Synthesis ($37,000)
2012 The Walton Family Foundation ($30,000)
2012 NOAA, Pacific Islands Fishery Science Center ($24,000)
2012 The Field Family Foundation ($3,500)
2011 The Center for Independent Experts ($8,000)
2010 NOAA, Hawaiian Monk Seal Recovery Program ($17,000)
2009 The Nature Conservancy ($60,000)
2008 The Pew Charitable Trust, Lenfest Ocean Program ($342,000)
2007 ASU, Promotion and Tenure Exemplar ($50,000)
2006 The David and Lucile Packard Foundation ($40,000)
2006 NSF, Developing Global Scientists and Engineers ($20,000)
2006 The Ocean Foundation ($45,000)
2005 Conservation International ($40,000)
2005 ASU University-School Partnerships ($12,000; N Crocker, C. Saltz, M. Elser, D. White)
2004 The David and Lucile Packard Foundation ($30,000)
2004 NSF, Undergraduate Mentoring in Environmental Biology ($60,000; PI: J. Collins, ASU)
2004 NSF, Faculty Early Career Development Award ($550,000; including 5 REU supplements)
2003 The David and Lucile Packard Foundation ($205,275; PI: E. Sala, UCSD)
2003 The Tinker Foundation ($107,000; PI: E. Sala, UCSD)
2003 World Wildlife Fund, Mexico ($30,000)
2003 Conservation International ($60,000; PI E. Sala, UCSD)
2001 USGS, National Wildlife Health Laboratory Contract ($9,000)
1998 NOAA, Endangered Species Act Implementation Grant ($21,000; PI: G. VanBlaricom, UW)
1998 NOAA, National Marine Mammal Laboratory Research Contract ($5,000)
1998 New Zealand Squid Fishery Management Council Contract ($5,000; PI: R. Hilborn, UW)
1997 NOAA, Endangered Species Act Implementation Grant ($25,000; PI: G. VanBlaricom, UW)
1997 NOAA, National Marine Mammal Laboratory Research Contract ($5,000)
1996 North Pacific Marine Mammal Research Consortium Grant ($10,000)
1996 NOAA, Endangered Species Act Implementation Grant ($24,000; PI: G. VanBlaricom, UW)
1995 US Marine Mammal Commission Research Contract ($5,000)
1994 NOAA, Southwest Fisheries Science Center Research Contract ($7,500)
1993 NOAA, National Marine Mammal Laboratory Research Contract ($2,500)
1992 North Pacific States Marine Fisheries Commission Research Contract ($4,500)

Academic Awards, Fellowships and Honors

2025 Fellow, Wadham College, University of Oxford - Senior Common Room
2022 Spirit of Defenders Award for Science, Defenders of Wildlife
2020 Fellow, American Association for the Advancement of Science
2020 Nominee, Faculty Women's Association Outstanding Faculty Mentor Award
2017 Fellow, Ecological Society of America
2017 Fulbright Scholar, Ecuador, J. William Fulbright Foreign Scholarship Board
2017 Top 200 for 100 & Change Award, John D. and Catherine T. MacArthur Foundation
2015 Inspirational Faculty Award, ASU office of Student-Athlete Development
2011 Aldo Leopold Leadership Fellow, Stanford University
2010 Distinguished Visiting Associate Professor, UC Santa Barbara

2009 Significant contribution of women in science, *Women hold up half the sky*, Mills College
2008 Rising Star in Ecology, Ecological Society of America
2007 Promotion and Tenure Faculty Exemplar, Arizona State University
2006 ASU President's Medal for Social Embeddedness, K-12 Environmental Education Program
2004 NSF Early Career Investigator Award
2003 U.S. Geological Survey toward Best Practices in Biocomplexity and Conservation Award
1998 Outstanding Doctoral Student Performance, Cooperative Fish and Wildlife Research Unit

Recent Broader Impacts of Science

Selected videos and audio presentations

2025 University of Oxford, Understanding pathways of knowledge to action in biodiversity conservation
2022 ASU, A Global Strategy for Preventing the Next Pandemic
2021 ABC Radio National, Fish depletion is not caused by whales
2021 NPR 1A Podcast, Gone For Good: How A Species Is Declared Extinct
2021 Expert Witness for U.S. Senate Committee on Environment and Public Works, Examining Biodiversity Loss: Drivers, Impacts, and Potential Solutions
2020 Learn with Me ASU, Extinction and the Value of Biodiversity
2020 ASU Now, Today I learned: How to save the environment
2020 ASU Now, Leah Gerber on 50th Anniversary of Earth day
2020 NCEAS, Essential Skills for Early Career Ecologists
2020 Politico, Panelist, Nature in Crisis
2019 Congressional briefing, Solving the Biodiversity Crisis and Saving Endangered Species: Solving the Biodiversity Crisis and Saving Endangered Species: The critical need for federal funding
2019 ASU Now, Got a minute? Leah Gerber on endangered species
2019 Global Institute of Sustainability, About ASU's Center for Biodiversity Outcomes
2019 Global Institute of Sustainability, What is biodiversity and why is it important?
2019 Global Institute of Sustainability, Keys to success in conservation science
2019 Global Institute of Sustainability, Intergovernmental Panel on Biodiversity
2018 ASU Now, Endangered species
2017 Security and Sustainability Forum Webinar, Why Business Should Care about Biodiversity
2016 Julie Ann Wrigley Global Institute of Sustainability, Leah Gerber at forefront of global biodiversity policy
2016 KJZZ, National Public Radio, It's Time to Prioritize, Restructure Endangered Species Funding
2015 Arizona PBS, A pragmatic approach to preventing extinction
2015 Arizona Horizon, Arizona Courts Awards & Extinction & Baby-Boomer Giving
2014 Julie Ann Wrigley Global Institute of Sustainability, On biodiversity and sustainability
2012 Beyond the Frontier, A new way to see seafood: Linking sustainability and public health
2012 Generation Anthropocene, Marine ecosystem conservation and entrenched ideologies
2012 RadioLIVE New Zealand, Whales for sale
2011 UCSB Bren School, Of whales, fish and sanctuaries
2009 The Science Show, Whales not to blame for fish depletion
2009 Science Studio, Of Whales, Fish and Men: Managing Marine Reserves

Selected op-eds

2024 Research Professional News, Universities must do more to help researchers help society
2021 Monga Bay, Communities, conservation, and development in the age of COVID: Time for rethinking approaches
2020 Ensia, It's time for a Project drawdown for conservation.

2020 Issues in Science and Technology, A Global Strategy for Preventing the Next Pandemic
2019 El Universal, Aprendiendo a proteger la biodiversidad
2018 The Conservation, New data tool can help scientists use limited funds to protect the greatest number of endangered species.
2017 The Christian Science Monitor, Is the Endangered Species Act facing extinction?
2017 Ecological Society of America, Early career ecologists, why engage with the corporate sector?

Selected media coverage

2025 Parshley, L. How Close Are Manatees to Extinction? *The Atlantic*.
2025 Fabro, K. Global tracking study reveals marine megafauna hotspots lie largely unprotected, Mongabay.
2025 Buehler, J. A sixth mass extinction? Not so fast, some scientists say. *Science News.*
2024 Brown, M., Flesher, J., Most money for endangered species goes to a small number of creatures, leaving others in limbo
2022 Stokstad, E. How do you protect fish that swim beyond your safety net? Science.
2022 NPR KJZZ, How Colombia can balance conservation and development
2021 NPR 1A, Gone For Good: How A Species Is Declared Extinct
2021 Young, E. The Enormous Hole that Whaling Left Behind. The Atlantic.
2021 Einhorn, C. Projected Too Late: U.S. Officials Report More Than 20 Extinctions. The New York Times.
2021 Root, T. A new 'green status of species' will measure the recovery of threatened plants and animals. The Washington Post.
2021 Showstack, R. Ensuring that Science Has a Seat at the Table. BioScience.
2019 Editors. How to preserve nature on a tight budget. The Economist.
2019 Aguilera, J. Changes to the Endangered Species Act Pushes More Species to Extinction. Time.
2019 Piotrowski, J. Eco-nomics. The Economist.
2019 Nicla, A. ASU scientist crusades for action to help environment. Arizona Republic.
2019 Gerbis, N. Major Biodiversity Report Sounds Dire Warning Of Species Declines And Extinctions. KJZZ, National Public Radio.
2018 Gilman, S. Who lives and who dies: Is Conservation "Triage" a Good Idea, or a Dangerous One? Living Bird.
2017 Bernstein, S. How a math formula could decide the fate of US endangered species. Reuters.
2017 Ferry, D. It's Time to Let Certain Animals Go Extinct. Outside Magazine.
2016 Cosier, S. U.S. needs Robin Hood approach to saving endangered species. Science.
2016 Reynolds, E. Funding for endangered animals is "unevenly distributed". Wired Science
2016 Davila, A. The ESA May Be Neglecting The Animals that Need it Most. Think Progress.
2016 Kobilinsky, D. Wildlife funding could better prioritize recovery. The Wildlife Society Bulletin.
2016 Bernier, A. It's time to prioritize, restructure Endangered Species funding. NPR/KJZZ.
2015 Lee, J. Japan Halts Whaling in Response to International Court Ruling. National Geographic.
2014 Erik Stockstad. Psst. Wanna buy a whale. Science.
2013 Editors. How economics can save the whales. Bloomberg.
2012 Eilperin, J. Researchers propose putting a price on whales. The Washington Post.
2012 Editors. Good whale hunting. The Economist.
2012 Erik Stokstad. Putting a price on whales. Science.
2012 Editors. Whales for Share. Nature.
2011 Jones, N. Seals slide towards extinction in Hawaiian reserve. Nature
2011 Mosher, J. Sea lions surprise scientists by adoption orphaned pups. Wired Science.
2009 Williams, R. Whales not to blame for fish depletion. ABC News.
2009 Walsh, B. Will killing whales save the world's Fisheries? Time Magazine
2005 Dye, Lee. The dilemma of Delisting Species. ABC News.
2005 Norris, Scott. How much data is enough? Conservation Magazine

Leadership and Service

National and International

2025- Member, External Advisory Group, Nature Positive Ocean Pathways, World Wildlife Fund
2025- Board of Advisors, Revive, Society for Conservation Biology
2024- Advisory Board, Biodiversity Benefit Accounting, UN Global Compact CEO Water Mandate
2024- Lead Author, Biodiversity and Climate Change Assessment, United States Geological Survey
2022- National Academy of Science Panel, National Biodiversity and Climate Change Assessment
2020- Steering committee for Beyond the Academy: an impact-oriented research network
2020- Scientific Advisory Board, Defenders of Wildlife
2020- Scientific Advisory Board, Charles Darwin Foundation for the Galapagos Islands
2016- Red List Committee, International Union for the Conservation of Nature
2019- Decision Science Specialist Group, International Union for the Conservation of Nature
2016-9 Biodiversity Project Steering Group, Natural Capital Coalition
2016-8 Reducing Ocean Waste Task Force, World Business Council on Sustainable Development
2016-9 Lead Author, Global Assessment, United Nations Intergovernmental Science-Policy Platform for Biodiversity and Ecosystem Services
2016-8 Knowledge Partner Liaison Delegate, World Business Council on Sustainable Development
2016-7 External Reviewer, Scientific Committee, International Whaling Commission
2015-7 Lenfest Ecosystem Based Fishery Management Task Force member, Pew Charitable Trusts
2015-6 Nominating Committee, Indianapolis Prize, Indianapolis Zoo
2015 External Review Panel, NMFS Endangered Species Program, NOAA
2014-6 Member at large, Ecological Society of America's Board of Governors
2013 Editorial Board, Conservation Biology
2012 Antarctic Ecosystems Review Panel, NSF
2012 Development Committee, Ecological Society of America
2012 Chair, NMFS shark predation management review panel, Center for Independent Experts
2011 Chair, Review Panel, Hawaiian monk seal translocation plan, NMFS
2011 Editorial Board, ISRN Ecology
2007 Editorial Board, Conservation Letters
2007 Ocean Science Review Panel, NSF
2006 Advisory Panel for NSF CAREER program
2003-8 Editorial Board, Conservation Biology
2004-9 Editorial Board, Endangered Species Research
2002-7 Recovery Team Member and Plan co-author, White Abalone Recovery Team
2002- Recovery Team Member, Mount Graham Red Squirrel Recovery Team
2002 Reviewer, President's Panel on Ocean Exploration, NOAA
2002 Advisory Panel Member, Abalone Recovery and Management Team
2000-2 Policy Committee, Society for Conservation Biology Board of Governors
2002-5 Science Chair, Marine Section of the Society for Conservation Biology
1996-8 Member-at-Large, Society for Marine Mammalogy Board of Governors
2003- Reviewer, Ecology and Biological Oceanography Panels, National Science Foundation

Regional and ASU

2022- Faculty advisor, Women in STEM at ASU
2021- Faculty advisor, Sustainability at ASU
2021-4 Implementation committee, ASU-Cintana-UIDE Galapagos Research Station
2015-9 President's Council on Women in Leadership, ASU
2016-9 Co-director, ASU-Conservation International Knowledge Partnership
2014- Founding Director, Center for Biodiversity Outcomes, ASU

2012-5 Co-coordinator, Hugh Hanson Ecology Seminar Series, ASU
2012- Coordinator, Environmental Leadership and Communications Certificate, ASU
2011-5 Research and Training Initiatives Committee, School of Life Sciences, ASU
2007-9 Personnel committee, School of Life Sciences, ASU
2007-9 Undergraduate Programs Committee, School of Sustainability, ASU
2006-9 Review committee, School of Life Sciences Undergraduate Research Program, ASU
2005- Honors Disciplinary Faculty, Barrett Honors College, ASU
2004-7 Research Coordination Network, Colorado River Delta, NSF
2002- Co-director, Undergraduate Conservation Biology Program, Arizona State University
2003-6 Undergraduate Programs Committee, School of Life Sciences, Arizona State University

Recent Invited and Organized Symposia

2025 Leverhulme Center for Nature Recovery, University of Oxford, UK. What is the role of academia in addressing the biodiversity crisis?
2025 Oxford Martin School, University of Oxford, UK. Understanding pathways of knowledge to action in conservation.
2025 Biodiversity Network, University of Oxford, UK. From Research to Action: Producing Science for Decision-Making in Conservation.
2024 United Nations Biodiversity Conference of the Parties, Bringing hope and gratitude in facing eco-anxiety
2024 Bloom Conference, Beyond Target 15 – Opportunities for Strategic Corporate Engagement
2024 Bloom Conference, VIP Workshop: Going Beyond "No Harm" to Create a Regenerative Economy
2024 US Fish and Wildlife Services Presentation on Implementation of the Endangered Species Act
2024 Wildlife Habitat Council webinar on Biodiversity, Climate Change and Industry: Understanding and Assessing the Intersections
2023 Plenary Speaker at Gordon Research Conference on Food, water and biodiversity
2022 Ethics, and Human Development, The International Conference for Interdisciplinary Science and Education
2021 International Congress for Conservation Biology, Conserving smarter: Using decision science to address the biodiversity crisis.
2021 International Congress for Conservation Biology, Collecting and reporting data on costs of conservation interventions.
2020 United Nations Global Compact's Uniting Business LIVE, Industry partnerships for biodiversity outcomes: Measuring private sector contributions toward mitigating biodiversity loss.
2020 Udall NM Success Climate Change Education Seminar, Knowledge to Outcomes in Global Biodiversity Conservation.
2020 Consortium for Science, Policy Outcomes, A global strategy for preventing the next pandemic.
2020 Greenbiz, Biodiversity and Profitability: mapping the natural environment's influence on your firm's profitability.
2019 UN World Conservation and Monitoring Center, Workshop on biodiversity and business.
2017 International Congress for Conservation Biology Workshop 202, Partnerships for conservation.
2016 Expanding diversity in the next generation of ecology, What works to recruit, matriculate, and retain disadvantaged youth in undergraduate degrees in ecological degree programs?
2014 National Socio-Environmental Synthesis Center to develop new decision tools for recovery and spending decisions in endangered species conservation, Developing decision tools to facilitate recovery planning under the Endangered Species Act.
2013 Symposium at annual AAAS meeting, Boston, Massachusetts, Escaping the Ivory tower.
2013 Plenary Speaker for Western Society of Naturalists, Integrating theory and data in marine science.
2011 Ecological Society of America, Advice from Theorists on Managing Ecosystems in a Changing Climate.

Publications

h-index = 55 (Google Scholar); *Graduate student co-authors are underlined, undergraduates are double-underlined, and postdocs are italicized*

2025

171. Surrey, K. C., Guzmán, H. M., Jackson, D., **Gerber, L.R**. 2025. Whale watching and sustainable ecotourism in the Las Perlas Archipelago, Panama. *Ocean and Coastal Management,* 269, 107818. https://doi.org/10.1016/j.ocecoaman.2025.107818 (link)
170. **Gerber, L. R.,** & Davis, K. (2025). How migrating marine megafauna tracks with conservation. *Science*, 388, 1022–1023. DOI: 10.1126/science.ady4423 (link)
169. Guerrero-Pineda, C., **Gerber, L. R**., Sangolquí, P., Chafla, J., & Iacona, G. D. (2025). A "data-for-decisions" management system to facilitate cost-efficiency in conservation interventions. *Conservation Science and Practice.* 7(1), e70007. (link)

2024

168. Davis, O.N., Molano-Flores, B., Li, Y.-W., Allen, M.L., Davis, M.A., Parkos, J.J. III, McIntyre, S., Di Giovanni, A.J., McElrath, T.C., Carter, A., Evansen, M., Sheehan, C., Gerber, L.R. 2024. A new metric for conducting 5-year reviews to evaluate recovery progress under the Endangered Species Act. *Conservation Science and Practice*. DOI: 10.1111/csp2.13158 (link)
167. Davis, O. N., Molano-Flores, B., Li, Y-W., Allen, M. L., Davis, M.A., Mengelkoch, J. M., Parkos, J.J., Porreca, A.P., Fournier, A.M.V., Stodola, A.P., Tiemann, J., Bried, J., Marcum, P.B., Carroll-Cunningham, C.J., Janssen, E.D., Ulaszek, E.F., McIntyre, S., Jog, S., Price, E.P.F., Nieset, J.,Beveroth, T., Di Giovanni, A. Askren, R.J., Malanchuk, L.J., Duquette, J.F., Dreslik, M.J., McElrath, T.C., Taft, J.B., Stodola, K., Malcom, J., Carter, A., Evanesen, M., & **Gerber, L. R.** ecies Recovery Status to Improve U.S. Endangered Species Act Decisions. *Conservation Science and Practice*. DOI: 10.1111/csp2.13159 (link)
166. **Gerber L.R.,** Iacona G.D. 2024 Aligning data with decisions to address the biodiversity crisis. *PLoS Biology* 22(6): e3002683. https://doi.org/10.1371/journal.pbio.300268. (link)
165. *Lhoest, S.*, Kelman, C.C., Barton, C.J., Beaudette, J,A., **Gerber, L.R**. 2024. The impact factor of engaged research: Metrics for conservation outcomes. *Biological Conservation*. DOI: 10.1016/j.biocon.2024.110534 (link)
164. Guerrero-Pineda, C., Iacona, G.D., Duzy, L., Eikenberry, S.E., Frank, A.R., Watson, G., **Gerber, L.R.** 2024. Prioritizing resource allocation to reduce adverse effects of pesticide risk for endangered species. *Science of the Total Environment.* DOI: 10.1016/j.scitotenv.2024.171032. (link)
163. Eikenberry, S.E., Iacona, G.D., Murphy, E.L., Watson, G., **Gerber, L.R**. 2024. Identifying opportunities for high resolution pesticide usage data to improve the efficiency of endangered species pesticide risk assessment. *Science of the Total Environment* DOI: 10.1016/j.scitotenv.2024.170743 (link)
162. Murphy, E. L, **Gerber, L.R.**, Rochman, C.M., Polidoro, B. 2024. A microplastic vulnerability index for marine mammals, seabirds, and turtles in Hawaii. *Science of the Total Environment.* DOI: 10.1016/j.scitotenv.2023.168247 (link)

2023

161. **Gerber, L.R.** 2023. Bridging the gap between science and policy for a sustainable future. *Nature Water.* DOI: 10.1038/s44221-023-00145-x (link)

160. Gerber, L. R., Schwartz, M. W., & Dreiss, L. M. (2023). The U.S. needs a National Biodiversity Strategy. *Conservation Science and Practice, 5*(11), e13028. (link)
159. **Gerber, L. R.,** Barton, C. J., & Anderson, D. M. 2023. Aligning the logics of inquiry and action to address the biodiversity crisis. *Conservation Biology*. DOI: 10.1111/cobi.14128 (link)
158. Murphy, E. L., Fredette-Roman, C., Rochman, C. M., **Gerber, L. R.**, Polidoro, B. 2023. A multi-taxonomic, trait-based framework for assessing macroplastic vulnerability. Science of The Total Environment, volume (892). DOI: 10.1016/j.scitotenv.2023.164563 (link)
157. Fischer, H, Wentz, E., **Gerber, L. R.** 2023. Examining Visitor Collected Species Data from Denali National Park and Preserve. *Citizen Science: Theory and Practice,* 8(1): 19, pp. 1–14. DOI: 10.5334/cstp.475 (link)

2022

156. Fischer, H. A., Bernard, M. L., *Kemppinen, K.,* **Gerber, L. R.** 2022. Conservation awareness through social media. *Journal of Environmental Studies and Sciences,* 1-8. doi:10.1007/s13412-022-00795-5 (link)
155. Carr-Kelman, C., Barton, C. B., Whitman, K., *Lhoest, S.*, Anderson, D. M**., Gerber, L. R.** 2022. Five approaches to producing actionable science in conservation. *Conservation Biology* 37(2) e14039. (link)
154. Murphy, E. L., Polidoro, B., & **Gerber, L. R**. 2022. The plastic-scape: Applying seascape ecology to marine plastic pollution. *Frontiers in Marine Science, Section Marine Pollution.* https://doi.org/10.3389/fmars.2022.980835 (link)
153. Iacona, G. D., Avery-Gomm, S., Maloney, R. F., Brazill-Boast, J., Crouse, D. T., Drew, C. A., Epanchin-Niell, R. S., Hall, S. B., Maguire, L. A., Male, T., Newman, J., Possingham, H. P., Rumpff, L., Runge, M. C., Weiss, K. C. B., Wilson, R. S., Zablan, M. A., and **Gerber, L.R.** 2022. Hurdles to developing quantitative decision support for Endangered Species Act resource allocation. *Frontiers in Conservation Science.* doi: 10.3389/fcosc.2022.1002804 (link)
152. Hilborn, R., Agostini, V. N., Chaloupka M., Garcia, S. M., **Gerber, L. R.,** Gilman, E., Hanich, Q., Himes-Cornell, A., Hobday, A. J., Itano, D., Kaiser, M. J., Murua, H., Ovando, D., Pilling, G. M., Rice, J. C., Sharma, R., Schaefer, K. M., Severance, C. J., Taylor, N. G., Fitchett, M. 2022. Area-based management of blue water fisheries: Current Knowledge and research needs. *Fish and Fisheries,* 23(2):492-518. https://doi.org/10.1111/faf.12629 (link)
151. Murphy, E. L., Bernard, M., Iacona, G., Borrelle, S. B., Barnes, M., McGivern, A., Emmanuel, J., **Gerber, L. R.** 2022. A decision framework for estimating the cost of marine plastic pollution interventions. *Conservation Biology* 36(2):e13827. doi:10.1111/cobi.13827 (link)
150**.** Sullivan-Stack, J., Aburto-Oropeza, O., Brooks, C.M., Cabral, R., Caselle, J.E., Chan, F., Duffy, J. E., Dunn, D.C., Friedlander, A.M., Fulton-Bennett, H.K., Gaines, S.D., **Gerber, L.R.,** Hines, E., Leslie, H., M., Lester, S.E., MacCarthy, J.M.C., Maxwell, S.M., Mayorga, J., Mccauley, D.J., Micheli, F., Moffitt, Russell, N., K. J., Palumbi, S., Pearsall, D.R., Pike, E.P., Pikitch, E.K., Sancho, G., Spalding, A.K., Suman, D.O., Sykora-Bodie, S.T., and Grorud-Colvert, K. 2022. A scientific synthesis of marine protected areas in the United States: status and recommendations. *Frontiers in Marine Science*, 9. 849927. doi: 10.3389 (link)
149. Guerrero-Pineda, C. Iacona, G. D., *Mair L.,* Hawkins., F., Siikamaki, J., Miller, D.C., **Gerber, L.R.** 2022. An investment strategy to address biodiversity loss from agricultural expansion. *Nature Sustainability* doi: 10.1111/csp2.12673 (link)
148. Surrey, K. C., Iacona, G., Madsen, B., Newman, C., **Gerber, L.R.** 2022. Habitat Conservation Plans provide limited insight into the cost complying with the Endangered Act *Wiley* doi: 10.1111/csp2.12673 (link)

147. Strongin, K., Malinde S.N. Lancaster, A., Polidoro, B., Aguilar-Perera, A., **Gerber, L.R.**, Gonzalez-Mendez, J., McKinney, L., Espinosa Perez, H., Pech, D., Cobian Rojas, D., Saul, S., Perera Valderrama, S. 2022. A Proposal Framework for a Tri-National Agreement on Biological Conservation in the Gulf of Mexico Large Marine Ecosystem *Elsevier Inc* doi: 10.1016/j.marpol.2022.105041 (link)

2021

146. *Cramer, K.L.,* Bernard, M.L., Bernat, I, Gutierrez, L., Murphy E.L., Sangolqui, P., Surrey, K.C. **Gerber, L.R.** 2021. The Present and Future Status of Ecosystem Services for Coral Reefs *Elsevier Inc* doi: 10.1016/B978-0-12-821139-7.00177-X (link)
145. Surrey, K.C., Hawley, C.R., Davis, O.N., Clements, J.L., Bernat, I., and **Gerber, L.R.** 2021. Refining the Ecosystems Services Model: Integrating Animal Behavior into Ecotourism Management. *Elsevier Inc* doi; 10.1016/B978-0-12-821139-7.99184-7 (link)
144. Hilborn, R., Agostini, V.N., Chaloupka, M., Garcia, S.M., **Gerber, L.R.**, Gilman, E., Hanich, Q., Himes-Cornell, A., Hobday, A.J., Itano, D., Kaiser, M.J., Murua, H., Ovando, D., Pilling, G.M., Rice, G.M., Rice, J.C., Sharma, R., Schaefer, K.M., Severance, C.J., Taylor, N.G., Fitchett, M. 2021. Area-based management of blue water fisheries: current knowledge and research needs. *Fish and Fisheries* doi: 10.1111/faf.12629 (link)
143. Fischer, H.A., **Gerber, L.R.,** Wentz, E.A. 2021. Evaluating the fitness for use of citizen science data for wildlife monitoring. *Frontiers in Ecology and the Evolution* doi: 10.3389/fevo.2021.620850 (link)
142. Murphy, E. *Eikenberry, S*., Iacona, G., Watson, G., **Gerber, L.R.** 2021. The value of increased spatial resolution of pesticide usage data for assessing risk to endangered species. *Conservation Science and Practice*, doi: 10.1111/csp2.551 (link)
141. Murphy, E., Bernard, M., Dooley, K. and **Gerber, L.R.** 2021. Evaluating the role of market-based instruments in protecting marine ecosystem services in for wild-caught fisheries. *Ecosystem Services, 51*:101356. doi: 10.1016/j.ecoser.2021.101356 (link)
140. Murphy, E., Bernard, M., Iacona, G.D., *Borrelle, S.B.*, Barnes, M., McGivern, A., Emmanuel, J., **Gerber, L.R.** 2021. A decision framework for estimating the cost of marine plastic pollution interventions. *Conservation Biology*, doi: 10.1111/cobi.13827 (link)
139. Weiss, K.C.B., Iacona, G.D., Corzón, A.T., Davis, O.N., *Kemppinen, K.*, Surrey, K.C., **Gerber, L.R.** 2021. Aligning actions with objectives in endangered species recovery plans. *Conservation Science and Practice, 3(8):*1-15. doi: 10.1111/csp2.473 (link)
138. Visseren-Hamakers, I.J., Razzaque, J., McElwee, P., Turnhout, E., Kelemen, E., Rusch, G.M., Fernandez-Llamazares, A., Chan, I., Lim, M., Islar, M., Gautam, A.P., Williams, M, Mungatana, E., Karim, S., Muradian, R., **Gerber, L.R.**, Lui, G., Liu, J., Spangenberg, J.H., Zaleski, D. 2021. Transformative governance of biodiversity: insights for sustainable development. *Current Opinion in Environmental Sustainability, 53:*20-28. doi: 10.1016/j.cosust.2021.06.002 (link)
137. Mair, L., et al (**Gerber, L.R.** + 83 additional authors). 2021. A metric for spatially explicit contributions to science-based species targets. *Nature Ecology and Evolution, 5(6):*836-844. doi: 10.1038/s41559-021-01432-0 (link)
136. Cardenas, S., Gabela-Flores, M.V., Amrein, A., Surrey, K., **Gerber, L.R.**, and Guzman, H.M. 2021. Tourist Knowledge, Pro-Conservation Intentions and Tourist Concern for the Impacts of Whale-Watching in Las Perlas Archipelago, Panama. *Frontiers in Marine Science*, *8(627348):*1-10. doi: 10.3389/fmars.2021.627348 (link)
135. Ashe, E., Williams, R., Clark, C., Erbe, C., **Gerber, L.R.**, Hall, A.J., Hammond, P.S., Lacy, R.C., Reeves, R., Vollmer, N.L. 2021. Minding the Data-Gap Trap: Exploring Dynamics of Abundant Dolphin Populations Under Uncertainty. *Frontiers in Marine Science*, *8(606932*):1-10. doi: 10.3389/fmars.2021.606932 (link)

134. Zerbini, A.N., Orr, A.J., Bradford, A.L., Kenner, M., Suydam, R., Alvarez-Flores, C., **Gerber, L.R.**, Laidre, K., Hauser, D., Hoberecht, L. 2021. Memories, Glenn R. VanBlaricom. *Marine Mammal Science,* 1-4. doi: 10.1111/mms.12791 (link)
133. Kittinger, J., Bernard, M., Finkbeiner, E., Murphy, E., Obregon, P., Klinger, D., Schoon, M., Dooley, K., and **Gerber, L.R.** 2021. Applying a jurisdictional approach to support sustainable seafood. *Conservation Science and Practice, 3(5):*e386. doi: 10.1111/csp2.386 (link)

2020

132. **Gerber, L.R**., Barton, C., Cheng, S.H. & Anderson, D. 2020. Producing actionable science in conservation: Best practices for organizations and individuals. *Conservation Science and Practice*, *2(12):*e295 doi: 10.1111/csp2.295 (link)
131. Amrein, A.M., Guzman, H.M., Surrey, K.C., Polidoro**,** B., **Gerber, L.R.** 2020. Impacts of whale watching on the behavior of humpback whales *(Megaptera novaeangliae)* in the coast of Panama. *Frontiers in Marine Science,7(601277):*1-13 doi: 10.3389/fmars.2020.601277 (link)
130. Halpern, B.S., Berlow, E., Williams, R., Borer, E.T., Davis, F.W., Dobson, A., Enquist, B.J., Froehlich, H.E., **Gerber, L.R.**, Lortie, C.J., O'connor, M.I., Regan, H., Vazquez, D.P., Willard, G. 2020. Ecological Synthesis and Its Role in Advancing Knowledge. *BioScience*, *70(9):*1-10. doi: 10.1093/biosci/biaa105 (link)
129. *Borrelle, S.B.,* Ringma, J., Lavender Law, K., Monnahan, C.C., Lebreton, L., McGivern, A., Murphy, E., Jambeck, J., Leonard, G.H., Hilleary, M.A., Eriksen, M., Possingham, H.P, De Frond, H., **Gerber, L.R.,** Polidoro, B., Tahir, A., Bernard, M., Mallos, N., Barnes, M. and Rochman, C.M. 2020. Predicted growth in plastic waste exceeds efforts to mitigate plastic pollution. *Science, 369(6510):*1515-1518. doi: 10.1126/science.aba3656 (link)
128. **L.R. Gerber**. 2020. A Global Strategy for Preventing the Next Pandemic*. Issues in Science and Technology*. (link)
127. *Kemppinen, K. M. S*., Collins, P.M., Hole, D.G., Wolf, C., Ripple, W.J., **Gerber, L.R.** 2020. Global reforestation and biodiversity conservation. *Conservation Biology, 34(5):*1221-1228. doi: 10.1111/cobi.13478 (link)
126. *Addison, P. F. E.,* Stephenson, P. J., Bull, J. W., Carbone, G., Burgman, M., Burgass, M. J., **Gerber, L. R.,** Howard, P., McCormick, N., McRae, L., Reuter, K. E., Starkey, M., Milner-Gulland, E. J. 2020. Bringing sustainability to life: A framework to guide biodiversity indicator development for business performance management. *Business Strategy and The Environment*, *29(5):*1-11. doi: 10.1002/bse.2573 (link)

2019

125. Malcom, J., Schwartz, M. W., Evansen, M., Ripple, W. J., Polasky, S., **Gerber, L. R.,** Lovejoy, T. E., Talbot, L. M., & Miller, J. R. B. 2019. Solve the biodiversity crisis with funding. *Science, 365(6459):*1256. (link)

2018

124. **Gerber, L. R.**, Runge, M. C., Maloney, R. G. D., Drew, C. A., Avery-Gomm, S., Brazill-Boast, J., Crouse, D., Epanchin-Niell, R. S., Hall, S. B., Maguire, L. A., Male, T., Morgan, D., Newman, J., Possingham, H., Rumpff, L., Weiss, K. C. B., Zablan, M. A. 2018. Endangered species recovery: A resource allocation problem. *Science*, *362(6412):*284-286. (link)
123. **Gerber, L.R.** and Raik, D. 2018. the needs new institutional models for achieving outcomes. *Frontiers in Ecology and the Environment, 16(8):*438-439. doi.org/10.1002/fee.1951(link)
122. *Marshall, K. N.*, Levin, P. S., Essington, T. E., Koehn, L. E., Anderson, L. G., Bundy, A., Carothers, C., Coleman, F., **Gerber, L.R.**, Grabowski, J. H., Houde, E., Jensen, O. P., Möllmann, C., Rose, K., Sanchirico, J. N., & Smith, A. D. 2018. Ecosystem-based fisheries management for social–ecological systems: Renewing the focus in the United States with *Next*

Generation Fishery Ecosystem Plans. *Conservation Letters,11(1):*1-7. doi: 10.1111/conl.12367 (link)

121. Noziglia, A.J., Abbott, J.K., Polidoro, B., **Gerber, L.R.** 2018. Flame Retardant Contamination and Seafood Sustainability. *Sustainability, 10(4):*1070. doi:10.3390/su10041070 (link)
120. Levin, P., Anderson, L., Rose, K., Koehn, L., Grabowski, J., Jensen, O., Essington, T., Smith, T., *Marshall, K.,* Carothers, C., Sanchirico, J., Möllmann, C., Houde, E., Coleman, F., Bundy, A., & **Gerber, L.R.** 2018. Building effective fishery ecosystem plans. *Marine Policy*, *92:*48-57. (link)
119. Mancha-Cisneros, M., Suarez-Castillo, A. N., Torre, J., Anderies, J. M. & **Gerber, L.R.** 2018. The role of stakeholder perceptions and institutions for marine reserve efficacy in the Midriff Islands Region, Gulf of California, Mexico. *Ocean and Coastal Management, 162:*181-192. doi: 10.1016/j.ocecoaman.2018.01.024 (link)
118. *Fujitani, M.,* Fenichel, E., Torre, J. & **Gerber, L.R.** 2018. Synthesizing ecological and human use information to understand and manage coastal change. *Ocean and Coastal Management, 162:*100-109. doi: 10.1016/j.ocecoaman.2017.10.001 (link)
117. Álvarez-Romero J. G., Munguía-Vega, A., Beger, M., Mancha-Cisneros, M. A., Suarez-Castillo, A. N., Gurney, G. G., Pressey, R. L., **Gerber, L.R.,** Morzaria-Luna, H. N., Reyes-Bonilla, H., Adams, V. M., Kolb, M., Graham, E., VanDerWal, J., Castillo-Lopez, A., Hinojosa-Arango, G., Petatan-Ramirez, D., Moreno-Baez, M., Godinez-Reyes, C. R., & Torre, J. 2018. Designing connected marine reserves in the face of global warming. *Global Change Biology*, *24(2):*1–21. doi: 10.1111/gcb.13989 (link)
116. *Marshall, K. N.*, Levin, P. S., Essington, T. E., Koehn, L. E., Anderson, L. G., Bundy, A., Carothers, C., Coleman, F., **Gerber, L.R.**, Grabowski, J. H., Houde, E., Jensen, O. P., Möllmann, C., Rose, K., Sanchirico, J. N., & Smith, A. D. 2018. Ecosystem-based fisheries management for social–ecological systems: Renewing the focus in the United States with *Next Generation* Fishery Ecosystem Plans. *Conservation Letters, 11(1)*:1-7. doi: 10.1111/conl.12367 (link)

2017

115. *Hallett, L.,* Morelli, T. L., **Gerber, L.R.,** Moritz, M., Schwartz, M., Stephenson, N., Tank, J., Williamson, M., & Woodhouse, C. 2017. Navigating translational ecology: Creating opportunities for scientist participation. *Frontiers in Ecology and the Environment*, *4(10):*578-586. doi: 10.1002/fee.1734 (link)
114. Enquist, C., Davis, F., Garfin, G. M., **Gerber, L.R.,** Jackson, S., Littell, J., Tank, J., Terando, A., & Wall, T. 2017. Foundations of translational ecology. *Frontiers in Ecology and the Environment, 15(10)*:541-550. doi: 10.1002/fee.1733 (link)
113. Possingham, H. P. & **Gerber, L.R.** 2017. The effect of conservation spending. *Nature*, *551(7680):*309-310. doi:10.1038/nature24158 (link)
112. **Gerber, L.R.,** & Quiroga, D. 2017. Incentives for Galápagos protection. *Science, 358(6361):*313-314. doi: 10.1126/science.aar2049 (link)
111. Puritty, C., Strickland, L., Alia, E., Blonder, B., Klein, E., Kohl, M., McGee, E., Quintana, M., Ridley, R., Tellman, B., & **Gerber, L.R.** 2017. Without inclusion, diversity initiatives may not be enough. *Science*, *357(6356):*1101-1102. doi: 10.1002/aqc.2794 (link)
110. Thiele T., & **Gerber L.R.** 2017. Innovative financing for the High Seas. *Aquatic Conservation, Marine and Freshwater Ecosystems*, *27(S1):* 89–99. doi: 10.1002/aqc.2794 (link)
109. Huang, B., Abbott, J. K., Fenichel, E. P., Muneepeerakul, R., Perrings, C., & **Gerber, L.R.** 2017. Testing the feasibility of a hypothetical whaling-conservation permit market in Norway. *Conservation Biology*, *31(4):*809-817. doi: 10.1111/cobi.12916 (link)

2016

108. **Gerber, L.R.** 2016. Conservation triage or injurious neglect in endangered species recovery. *Proceedings of the National Academy of Sciences*, *113(13):*3563-3566. doi: 10.1073/pnas.1525085113. (link)
107. **Gerber, L.R.** 2016. Beyond the whaling stalemate. *Frontiers in Ecology and the Environment*, *14(4):*82–183. doi: 10.1002/fee.1259 (link)
106. **Gerber, L.R.** 2016. The marriage of business and ecology. *Frontiers in Ecology and the Environment*, *14(1):*3. doi: 10.1002/1209 (link)

2015

105. Hernández-Camacho, C. J., Bakker, V. J., Aurioles-Gamboa, D., Laake, J., & **Gerber, L.R.** 2015. The use of surrogate data in demographic population viability analysis: A case study of California sea lions. *PLoS One*, *10(9):*e0139158. doi: 10.1371 (link)
104. **Gerber, L.R.** 2015. A deal with Japan on whaling? *Frontiers in Ecology and the Environment, 13(7)*:347–347. doi: 10.1890/1540-9295-13.7.347 (link)
103. Troyer, C. & **Gerber, L.R.** 2015. Assessing the impact of U.S. Endangered Species Act recovery planning guidelines on managing threats for listed species. *Conservation Biology, 29(5):*1423–1433. doi: 10.1111.cobi.12552 (link)

2014

102. **Gerber, L.R.,** Mancha-Cisneros, M., O'Connor, M. I., & Selig, E. 2014. Climate change impacts on connectivity in the ocean: Implications for conservation. *Ecosphere, 5(3)*:33. doi: 10.1890/ES13-00336.1 (link)
101. Tallis, H., Lubchenco, J., **Gerber, L.R.,** & 238 co-authors. 2014. Working together: A call for inclusive conservation. *Nature, 515:*27–28. doi:10.1038/515027a (link)
100. **Gerber, L.R.,** Costello, C., & Gaines, S. 2014. Conservation markets for wildlife management with case studies from whaling. *Ecological Applications, 24(1):*4–14. doi: 10.1890/12-1919.1 (link)
99. **Gerber, L.R.,** Costello, C., & Gaines, S. 2014. Facilitate, don't forbid, trade between conservationists and resource harvesters. *Ecological Applications, 24(1):*23–24. doi:10.1890/13-1541.1 (link)
98. **Gerber, L.R.,** Gondor, A., *D'Agrosa, C., & Anadon, J.* 2014. Conservation prioritization to conservation action in the Gulf of California, Mexico. *Journal of Conservation Planning, 10:*1-16. (link)
97. **Gerber, L.R.,** & White, E. 2014. Two-sex matrix models in assessing population viability: when do male dynamics matter? *Journal of Applied Ecology*, *51(1):*270-278. doi: 10.1111/1365-2664.12177 (link)
96. Senko, J., White, E., Heppell, S. S., & **Gerber, L.R.** 2014. Comparing bycatch mitigation strategies for vulnerable marine megafauna. *Animal Conservation*, *11(3):*122-123. doi: 10.1111/acv.12051 (link)

2013

95. Gregory, R., Arvai, J., & **Gerber, L.R.** 2013. Structuring decisions for managing threatened and endangered species in a changing climate. *Conservation Biology, 27(6)*:1212-1221. doi: 10.1111/cobi.12165 (link)
94. *Anandon, J. D.,* Mancha-Cisneros, M., Best, B., & **Gerber, L.R.** 2013. Habitat-specific larval dispersal and marine connectivity: Implications for spatial conservation planning. *Ecosphere, 4(7):*1-15. doi: 10.1890/ES13-00119.1 (link)
93. **Gerber, L.R.**, *Karimi, R.,* & Fitzgerald, T. 2013. Does trophic level predict seafood sustainability? *Frontiers in Ecology and the Environment*, *11(3):*122-123. doi: 10.1890/13.WB.007 (link)

92. Cuddington, K., Hastings, A., Fortin, M. J., **Gerber, L.R.,** O'Connor, M., Liebhold, A., & Ray, C. 2013. Process-based models are required to manage ecological systems in a changing world. *Ecosphere, 4(2):*1-12. doi: 10.1890/ES12-00178.1 (link)
91. Rife, A. N., Aburto-Oropeza, O., Hastings, P. A., Erisman, B., Ballantyne, F., Wielgus, J., Sala, E., & **Gerber, L.R.** 2013. Long-term effectiveness of a multi-use marine protected area on reef fish assemblages and fisheries landings. *Journal of Environmental Management, 117:*276-283. doi: 10.1016/j.jenvman.2012.12.029 (link)
90. Minteer, B. A. & **Gerber, L.R.** 2013. Buying whales to save them. *Issues in Science and Technology Online, 29(3):*58-68. (link)
89. Wildermuth, R., Anadon, J. A., & **Gerber, L.R**. 2013. Monitoring behavior: Assessing population status through rapid behavioral assessment. *Conservation Letters, 6(2):*86-97. doi: 10.1111/j.1755-263X.2012.00298.x (link)

2012

88. Dee, L. & **Gerber, L.R.** 2012. Applications of decision theory to conservation planning and management. *Nature Education Knowledge, 3(3)*:11. (link)
87. Rudnick, D. A., Beier, P., Cushman, S., Dieffenbach, F., Epps, C. W., **Gerber, L.R.**, Hartter, J., Jenness, J., Kintsch, J., Merenlender, A. M., Perkl, R. M., Preziosi, D.V., *Ryan*, *S.J.*, & Trombulak, S. C. 2012. The role of landscape connectivity in planning and implementing conservation and restoration priorities. *Issues in Ecology, 16:*1-20. (link)
86. **Gerber, L.R.** 2012. The scientific whaling loophole. *Science, 337(6098):*1038. doi: 10.1126/science.337.6098.1038-a (link)
85. Costello, C., **Gerber, L.R.**, & Gaines S. 2012. Conservation science: A market approach to saving the whales. *Nature, 481:*139-140. doi: 10.1038/481139a (link)
84. **Gerber, L.R.**, *Karimi*, *R.*, & Fitzgerald, T. 2012. Sustaining seafood for public health. *Frontiers in Ecology and the Environment*, *10(9):*487-493. doi:10.1890/120003 (link)
83. Fujitani, M. L., Fenichel, E., Torre, J., & **Gerber**, **L.R.** 2012. Implementation of a marine reserve has a rapid but short-lived effect on recreational angler use. *Ecological Applications, 22(2):*597-605. doi: 10.1890/11-0603.1 (link)
82. Flatz, R., *Young*, *J. K.*, Gonzalez-Suarez M., Hernandez, C. J., Immel, A., & **Gerber, L.R.** 2012. Weak polygyny in California sea lions and the potential for alternative mating tactics. *PLoS ONE, 7(3):*e33654. doi: 10.1371/journal/pone.0033654 (link)

2011

81. *Anadon, J. A.*, *D'Agrosa, C.,* Gondor, A., & **Gerber L.R.** 2011. Quantifying the spatial ecology of wide-ranging marine species in the Gulf of California: Implications for marine conservation planning. *PLoS ONE*, *6(12)*:e28400. doi: 10.1371/journal.pone.0028400 (link)
80. **Gerber, L.R.**, Estes, J., Gancos-Crawford, T. M, Peavey, L., & Read, A. J. 2011. Managing for extinction? Conflicting conservation objectives in a large marine reserve. *Conservation Letters, 4(6):*417-422. doi: 10.1111/j.1755-263X.2011.00197.x (link)
79. **Gerber, L.R.** 2011. What is conservation biology? *Nature Education Knowledge, 1(10):*14. (link)
78. **Gerber, L.R.** & Gonzalez-Suarez, M. 2011. Population viability analysis: Origins and Contributions. *Nature Education Knowledge, 1(11)*:15. (link)
77. Hughes, Z. D., Fenichel, E. P., & **Gerber, L.R.** 2011. The potential impact of labor choices on the efficacy of marine conservation strategies. *PLoS ONE, 6(8)*:e23722. doi: 10.1371/journal.pone.0023722 (link)
76. French, S. S., Y*oung*, *J. K.*, Gonzalez-Suarez, M., Durham, S., & **Gerber, L.R.** 2011. Human Disturbance Influences Reproductive Success and Growth Rate in California Sea Lions (*Zalophus californianus). PLoS ONE, 6(3)*:e17686. doi: 10.1371/journal.pone.0017686 (link)

75. Underwood, J. G., Francis, J., & **Gerber, L.R.** 2011. Incorporating biodiversity conservation and recreational wildlife values into smart growth land use planning. *Landscape and Urban Planning, 100(1)*:136-143. doi: 10.1016/j.landurbplan.2010.11.014 (link)

2010

74. *Chirakkal, H.* & **Gerber L.R.** 2010. Short and long-term population response to changes in vital rates: Implications for population viability analysis. *Ecological Applications, 20(3)*:783-788. doi: 10.1890/09-0560.1 (link)
73. *Wielgus, J.,* Balmford, A., Lewis, T., Mora, C., & **Gerber, L.R.** 2010. Coral reef quality and recreation fees in marine protected areas. *Conservation Letters, 3(1)*:38-44. doi: 10.1111/j.1755-263X.2009.00084.x (link)
72. **Gerber, L.R.,** *Young*, *J. K.*, Gonzalez-Suarez, M., Hernandez-Camacho, C. J., & Sabo, J. L. 2010. The cost of male aggression and polygyny in California sea lions *(Zalophus californianus). PLoS ONE, 5(8)*:e12230. doi: 10.1371/journal.pone.0012230 (link)
71. *Morissette, L., Kaschner K.,* & **Gerber, L.R.** 2010. 'Whales eat fish'? Demystifying the myth in the Caribbean marine ecosystem. *Fish and Fisheries, 11(4)*:388-404. doi: 10.1111/j.1467-2979.2010.00366.x (link)
70. Green, D.S., *Young*, *J. K.*, Hernandez-Camacho, C. J., & **Gerber, L.R.** 2010. Developing a non-invasive indicator of pinniped health: Neonate behavior and growth in California sea lions (*Zalophus californianus*). *Ciencias Marinas*, *36(3)*:311-321. (link)
69. González-Suárez, M., Aurioles-Gamboa D., & **Gerber L.R.** 2010. Past exploitation of California sea lions did not lead to a genetic bottleneck in the Gulf of California. *Ciencias Marinas, 36(3)*:199-211. (link)
68. *Ward, E., Chirakkal, H.,* Gonzalez-Suarez, M., Aurioles-Gamboa, D., Holmes E. E., & **Gerber, L.R.** 2010. Inferring spatial structure from time series data: Using multivariate state-space models to detect metapopulation structure of California sea lions in the Gulf of California, Mexico. *Journal of Applied Ecology, 47(1):*1365-2664. doi:10.1111/j.1365-2664.2009.01745.x (link)
67. *Morissette, L., Kaschner, K.,* & **Gerber, L.R.** 2010. Ecosystem models clarify the trophic role of whales off Northwest Africa. *Marine Ecology Progress Series, 404:*289-302. doi: 10.3354/meps08443 (link)
66. Underwood, J., *D'Agrosa, C.,* & **Gerber, L.R.** 2010. Identifying conservation areas on the basis of alternative distribution data sets. *Conservation Biology, 24(1):*162-170. doi: 10.1111/j.1523-1739.2009.01303.x (link)
65. Flatz, R. & **Gerber, L.R.** 2010. First evidence for adoption in California sea lions. *PLoS ONE, 5(11):*e13873. doi: 10.1371/journal.pone.0013873 (link)

2009

64. Stamieszkin, K., *Wielgus, J.*, & **Gerber, L.R.** 2009. Management of a marine protected area for sustainability and conflict resolution: Lessons from Loreto Bay National Park (Baja California Sur, Mexico). *Ocean and Coastal Management, 52(9):*449-458. doi: 10.1016/j.ocecoaman.2009.07.006 (link)
63. *Wielgus, J.,* **Gerber, L.R.**, Sala, E., & Bennett, J. 2009. Including risk in stated-preference economic valuations: Experiments on choices for marine recreation. *Environmental and Resource Economics, 90(11):*3401-3409. doi: 10.1016/j.jenvman.2009.05.010 (link)
62. Holcomb, K., *Young*, J., & **Gerber, L.R.** 2009. The influence of human disturbance on the behavior of California sea lions during the breeding season. *Animal Conservation, 12(6):*592–598. doi: 10.1111/j.1469-1795.2009.00290.x (link)
61. González-Suárez, M., Flatz, R., Aurioles-Gamboa, D., Hedrick, P. W., & **Gerber, L.R.** 2009. Isolation by distance among California sea lion populations in Mexico: Redefining management stocks. *Molecular Ecology, 18(6):*1088-1099. doi: 10.1111/j.1365-294X.2009.04093.x (link)

60. **Gerber, L.R.**, *Morissette, L., Kaschner, K.,* & Pauly, D. 2009. Should whales be culled to increase fishery yield? *Science, 323(5916)*:880-881. doi: 10.1126/science.1169981 (link)
59. Thomas, J.A., Jayachandran, J., Bañez, L. L., Sun, L., Madden, J.C., Vollmer, R.T., Lark, A.L., **Gerber, L.R.**, Moul, J.W. & Freedland, S.J. 2009. Does pathological Gleason score re-review by a modern pathologist improve risk stratification relative to historical Gleason score? The Journal of Urology, 181(4S):57. doi: 10.1016/S0022-5347(09)60171-3 (link)

2008

58. *Wielgus, J.,* Gonzalez-Suarez, M., Aurioles-Gamboa, D., & **Gerber, L.R.** 2008. A non-invasive demographic assessment of sea lions based on stage-specific abundances. *Ecological Applications, 18(5)*:1287-1296. doi: 10.1890/07-0892.1 (link)
57. González-Suárez, M. & **Gerber, L.R.** 2008. A behaviorally explicit demographic model integrating habitat selection and population dynamics in California sea lions. *Conservation Biology, 22(6):*1608-1616. doi: 10.1111/j.1523-1739.2008.00995.x (link)
56. Jacobs, D. F., *Young, J. K.,* Hernandez-Camacho, C. J., & **Gerber, L.R.** 2008. Determinants of outcomes of agonistic interactions among male California sea lions *(Zalophus californianus)*. *Journal of Mammalogy, 89(5):*1212–1217. (link)
55. Gonzalez-Suarez, M. & **Gerber, L.R.** 2008. Habitat preferences of California sea lions: Implications for conservation. *Journal of Mammalogy, 89(6):*1521-1528. (link)
54. *Young, J. K.,* Gonzalez-Suarez, M., & **Gerber, L.R.** 2008. Determinants of agonistic interactions in California sea lions**.** *Behavior, 145(12):*1797-1810. (link)
53. *Wielgus, J*., Sala, E., & **Gerber, L.R.** 2008. Assessing the ecological and economic benefits of a no-take marine reserve. *Ecological Economics, 67(1):*32-40. doi: 10.1016/j.ecolecon.2008.04.019 (link)
52. Hernandez-Camacho, C. J., Aurioles-Gamboa, D., Laake J., & **Gerber, L.R.** 2008. Survival rates of the California sea lion, *Zalophus californianus*, in Mexico. *Journal of Mammalogy, 89(4):*1059-1066. doi: 10.1644/07-MAMM-A-404.1 (link)
51. Robertson, K. L., Runcorn, C. W., *Young, J. K.,* and **Gerber, L.R.** 2008. Spatial and temporal patterns of territory use of male California sea lions *(Zalophus californianus)* in the Gulf of California, Mexico. *Canadian Journal of Zoology, 86(4):*237-244. doi: 10.1139/cjz-2013-0099 (link)
50. Hernandez-Camacho, C.J., Aurioles-Gamboa, D., & **Gerber, L.R.** 2008. Age-specific birth rates of California sea lions (*Zalophus californianus*) in the Gulf of California, Mexico. *Marine Mammal Science, 24(3):*664-676. doi: 10.1111/j.1748-7692.2008.00199.x (link)
49. Underwood, J. G., Hernandez-Camacho, C. J., & **Gerber, L.R.** 2008. Estimating sustainable bycatch rates for California sea lion populations in the Gulf of California. *Conservation Biology, 23(3):*1523-1739. doi: 10.1111/j.1523-1739.2008.00919.x (link)
48. *Young, J. K.* & **Gerber, L.R.** 2008. The influence of social composition on reproductive behavior of territorial male California sea lions. *Aquatic Mammals, 34(1):*103-110. doi: 10.1578/AM.34.1.2008.102 (link)
47. Rowell, K., Flessa, K. W., Dettman, D. L., Roman, M. J., Finlay, L. T., & **Gerber, L.R.** 2008. Diverting the Colorado River leads to a dramatic life history shift in an endangered marine fish. *Biological Conservation, 141(4):*1138-1148. doi: 10.1016/j.biocon.2008.02.013 (link)

2007

45. Gerber, L.R., Wielgus, J., & Sala, E. 2007. A decision framework for the adaptive management of an exploited species with implications for marine reserves. Conservation Biology, 21(6):1594-1602. doi: 10.1111/j.1523-1739.2007.00824.x (link)
46. Sabo, J. L. and **L. R. Gerber**. 2007. Predicting extinction risk in spite of predator-prey oscillations. *Ecological Applications* 17(5):1543-1554. DOI: 10.1890/06-0630.1. (link)

44. *Ward, E.,* Hilborn, R., Towell, R., & **Gerber, L.R.** 2007. A state-space mixture approach for estimating catastrophic events in time series data. *Canadian Journal of Fisheries and Aquatic Sciences, 64(6):*899-910. doi: 10.1139/f07-060 (link)
43. **Gerber, L.R.,** Keller, A. C., & DeMaster, D. P. 2007. Ten thousand and increasing: Is the western Arctic population of bowhead whale endangered? *Biological Conservation, 137(4):*577-583. doi.org/10.1016/j.biocon.2007.03.024 (link)
42. *Wielgus J., Ballantyne, F.,* Sala, E., & **Gerber, L.R.** 2007. Viability analysis of reef fish populations based on limited demographic information. *Conservation Biology, 21(2):*447-454. doi:10.1111/j.1523-1739.2006.00644.x (link)
41. *Young, J. K.,* **Gerber, L.R.,** D'Agrosa, C., Hilborn, R., Hopcraft, G., & Arcese, P. 2007. Wildlife population increases in Serengeti National Park. *Science, 315(5820):*1790-1791. doi: 10.1126/science.315.5820.1790b (link)
40. Gaines, S. D., Gaylord, B., **Gerber, L.R.,** Hastings, A., & Kinlan, B. 2007. Connecting places: The ecological consequences of dispersal in the sea. *Oceanography, 20(3):*90-99. doi: 10.5670/oceanog.2007.32 (link)
39. *Young, J. K.,* Hernandez, C. J., & **Gerber, L.R.** 2007. Long-distance movement of a pinniped neonate. *Marine Mammal Science, 23(4):*926-930. doi:10.1111/j.1748-7692.2007.00138 (link)

2006

38. **Gerber, L.R.** 2006. Including behavioral data in demographic models improves estimates of population viability. *Frontiers in Ecology and the Environment, 4(8):*419-427. doi: 10.1890/1540-9295(2006)4[419:IBDIDM]2.0.CO;2 (link)
37. Zacharias, M. A., **Gerber, L.R.**, & *Hyrenbach, K. D*. 2006. Review of the Southern Ocean Sanctuary: Marine protected areas in the context of the International Whaling Commission Sanctuary Programme. *Journal of Cetacean Research and Management, 8(1)*:12-25. (link)
36. Gonzalez-Suarez, M., McCluney, K.E., Aurioles, D., & **Gerber, L.R.** 2006. Incorporating uncertainty in spatial structure for viability predictions: A case study of California sea lions *(Zalophus californianus). Animal Conservation, 9(2):*219-227. doi: 10.1111/j.1469-1795.2006.00022.x (link)

2005

35. **Gerber, L.R.**, S. Heppell, F. Ballantyne and E. Sala. 2005. The role of dispersal and demography in determining the efficacy of marine reserves. *Canadian Journal of Fisheries and Aquatic Sciences. 62(4):*863–871. doi: 10.1139/f05-046 (link)
34. **Gerber, L.R.,** *Hyrenbach, D.,* & Zacharias, M. A. 2005. Do the world's largest protected areas conserve whales or whalers? *Science, 307(5709):*525-526. doi:10.1126/science.1106120 (link)
33. **Gerber, L.R.**, *Beger, M.*, McCarthy, M. A., & Possingham, H. P. 2005**. A theory for optimal monitoring of marine reserves. *Ecology Letters,*** *8(8):*829-83. doi: 10.1111/j.1461-0248.2005.00784.x (link)
32. **Gerber, L.R.**, Lafferty, K. D., McCallum, H., Sabo, J. L., & Dobson, A. 2005. Exposing extinction risk analysis to pathogens: Is disease just another form of density dependence? *Ecological Applications, 15(4):*1402-1414. doi: 10.1890/04-0880 (link)
31. Papastavrou, V., Leaper, R., **Gerber, L.R.,** Hyrenback, K. D., & Zacharias, M. A. 2005. Debating whale sanctuaries. *Science, 309(5731):*51-52. doi:10.1126/science.309.5731.51e (link)
30. McCallum, H., **Gerber, L.R.**, & Jani, A. 2005. Does infectious disease influence the efficacy of marine protected areas? A theoretical framework. *Journal of Applied Ecology, 42(4):*688-698. doi: 10.1111/j.1365-2664.2005.01043.x (link)
29. *Green, J. L.,* Hastings, A., Arzberger, P., Ayala, F. J., Cottingham, K. L., Cuddington, K., Davis, F., Dunne, J. A., Fortin, M., **Gerber, L.R.**, & Neubert, M. 2005. Complexity in ecology and

conservation: Mathematical, statistical, and computational challenges. *BioScience, 55(6):*501-510. doi: 10.1641/0006-3568(2005)055[0501:CIEACM]2.0.CO;2 (link)

2004

28. **Gerber, L.R.,** Buenau, K. E., & VanBlaricom, G. 2004. Density dependence and risk of extinction in a small population of sea otters. *Biodiversity and Conservation, 13:*2741-2757. doi: 10.1007/s10531-004-2146-1 (link)
27. Harvell, D., Aronson, R., Baron, N., Connell, J., Dobson, A., Ellner, S., **Gerber, L.R**, Kim, K., Kuris, A., McCallum, H., Lafferty, K., McKay, B., Porter, J., Pascual, M., Smith, G., Sutherland, K., & Ward, J. 2004. The rising tide of ocean diseases: Unsolved problems and research priorities. *Frontiers in Ecology and the Environment, 2(7):*375-382. doi: 10.1890/1540-9295(2004)002[0375:TRTOOD]2.0.CO;2 (link)
26. **Gerber, L.R.**, Tinker, M. T., Doak, D. F., Estes, J. A., & Jessup, D. A. 2004. Mortality sensitivity in life-stage simulation analysis: A case study of Southern sea otters. *Ecological Applications, 14(5):*1554-1565. doi: 10.1890/03-5006 (link)
25. **Gerber, L.R.** & Heppell, S. S. 2004. The use of demographic sensitivity analysis in marine species conservation planning. *Biological Conservation, 120(1):*121-128. doi: 10.1016/j.biocon.2004.01.029. (link)
24. Hooker, S. K. & **Gerber, L.R.** 2004. Marine reserves as a tool for ecosystem-based management: The potential importance of megafauna. *BioScience, 54(1):*29-41. doi: 10.1641/0006-3568(2004)054[0027:MRAATF]2.0.CO;2 (link)
23. Micheli, F., Amarasekare, P., Bascompte, P., & **Gerber, L.R.** 2004. Including species interactions in the design and evaluation of marine reserves: Some insights from a predator-prey model. *Bulletin of Marine Science, 74(3):*653-669. (link)
22. Keller, A. C. & **Gerber, L.R.** 2004. Monitoring and the Endangered Species Act: Revisiting the Eastern North Pacific gray whale. *Endangered Species Update, 21(3):*87-92. (link)
21. **Gerber, L.R.**, Reichman, O. J., & Roughgarden, J. 2004. Food hoarding: future value in optimal foraging decisions. *Ecological Modeling, 175(1):*77-85. doi: 10.1016/j.ecolmodel.2003.10.022 (link)
20. Buenau, K. E. & **Gerber, L.R.** 2004. Developing recovery and monitoring strategies for the endemic Mount Graham red squirrels (*Tamiasciurus hudsonicus grahamensis*) in Arizona. *Animal Conservation, 7(1)*:1-6. doi: 10.1017/S1367943003001124 (link)

2003

19. **Gerber, L.R.,** *Seabloom, E. W.*, Burton, R.S., & Reichman, O.J. 2003. Translocation of an imperiled species: Integrating spatial and habitat patterns. *Animal Conservation, 6(4):*309-316. doi: 10.1017/S136794300300338X (link)
18. **Gerber, L.R.** 2003. Delisting of species under the Endangered Species Act. *Conservation Biology*, *17(3)*:651-652. doi: 10.1046/j.1523-1739.2003.02110.x (link)
17. Shelden, K. E, Rugh, D. J., DeMaster, D. P., & **Gerber, L.R.** 2003. Evaluation of bowhead whale status: Reply to Taylor. *Conservation Biology, 17(3):*918-920. doi: 10.1046/j.1523-1739.2003.03003.x (link)
16. **Gerber, L.R.,** Botsford, L. W., Hastings, A., Possingham, H. P., Gaines, S. D., Palumbi, S. R., & Andelman, S. 2003. Population models for marine reserve design: A retrospective and prospective synthesis. *Ecological Applications, 13(sp1):*47-64. doi: 10.1890/1051-0761(2003)013[0047:PMFMRD]2.0.CO;2 (link)

2002

15. **Gerber, L.R.** & Hatch, L.T. 2002. Are we recovering? An evaluation of recovery criteria under the U.S. Endangered Species Act. *Ecological Applications, 12(3):*668-673. doi: 10.2307/3060976 (link)

14. *Schultz, C. B.* & **Gerber, L.R.** 2002. Are recovery plans improving with practice? *Ecological Applications*, *12(3):*641-647. doi: 10.1890/1051-0761(2002)012[0641:ARPIWP]2.0.CO;2 (link)
13. **Gerber, L.R.**, Kareiva, P. M., & Bascompte, J. 2002. The influence of life history attributes and fishing pressure on the efficacy of marine reserves. *Biological Conservation, 106(1):*11-18. doi: 10.1016/S0006-3207(01)00224-5 (link)
12. Lafferty, K. D. & **Gerber, L.R.** 2002. Good medicine for conservation biology: The intersection of epidemiology and conservation theory. *Conservation Biology, 16(3)*:1-12. doi: 10.1046/j.1523-1739.2002.00446.x (link)

2001

11. **Gerber, L.R.** & VanBlaricom, G. R. 2001. Implications of three viability models for the conservation status of the Western Population of Steller sea lions (*Eumetopias jubatus*). *Biological Conservation, 102(3):*261-269. doi: 10.1016/S0006-3207(01)00104-5 (link)
10. **Gerber, L.R.** & *Schultz, C. B.* 2001. Authorship and the use of biological information in Endangered Species Act recovery plans. *Conservation Biology*, *15(5):*1308-1314. doi: 10.1111/j.1523-1739.2001.00110.x (link)
9. **Gerber, L.R.** 2001. Conservation biology of cetaceans in marine communities of Baja California: Science or advocacy? *Global Ecology and Biogeography, 10(3):*335-336. doi: 10.1046/j.1466-822X.2001.00171-8.x (link)
8. **Gerber, L.R.** & Hilborn, R. 2001. Catastrophic events and recovery from low densities in populations of otariids: Implications for risk of extinction. *Mammal Review, 31(2):*131-150. doi: 10.1046/j.1365-2907.2001.00081.x (link)

2000

7. **Gerber, L.R.** 2000. Science and sentimentality. *American Scientist, 88(6):*477-478.(link)
6. **Gerber, L.R.**, DeMaster, D. P., & Roberts, S. P. 2000. Measuring success in conservation. *American Scientist*, *88(4),* 316-324. (link)

1999

5. **Gerber, L.R.** & DeMaster, D. P. 1999. A quantitative approach to Endangered Species Act classification of long-lived vertebrates: Application to the North Pacific humpback whale. *Conservation Biology, 13(5):*1203-1214. doi: 10.1046/j.1523-1739.1999.98466.x (link)
4. **Gerber, L.R.**, DeMaster, D. P., & Kareiva, P. M. 1999. Gray whales and the value of monitoring data in implementing the U.S. Endangered Species Act. *Conservation Biology, 13(5):*1215-1219. doi: 10.1046/j.1523-1739.1999.98466.x (link)
3. **Gerber, L.R.**, Wooster, W. S., DeMaster, D. P., & VanBlaricom, G. R. 1999. Marine mammals: New objectives in U.S. fishery management. *Reviews in Fishery Science*, *7(1):*23-28. doi: 10.1080/10641269991319180 (link)

1993-8

2. **Gerber, L.R.** 1998. Seeking a rational approach to setting conservation priorities for marine mammals. *Integrative Biology, 1(3)*:90-98. doi: 10.1002/(SICI)1520-6602(1998)1:3 (link)
1. Norse, E. N. & **Gerber, L.R.** 1993. A global strategy for preserving biological diversity in the sea. *Diversity, 9(3)*:40-44. doi: 10.1016/0169-5347(94)90135-X (link)

Selected Book Chapters, Reports, Encyclopedia Articles

21. Barton, C. J., Anderson, D. M., **Gerber, L. R.,** Carr Kelman, C., & Arízaga, M. (2024). A Scorecard for Designing and Evaluating University Partnerships. In N. O'Regan (Ed.), *From*

Purpose to Impact: The University and Business Partnership (1st ed., pp. 238–264). Routledge.(link)

20. Beyond the Academy. 2022. Edited by B.L. Keeler and C. Locke. Guidebook for the Engaged University: Best Practices for Reforming Systems of Reward, Fostering Engaged Leadership, and Promoting Action-Oriented Scholarship. (link)
19. Surrey, K.C., Hawley, C.R., Davis, O.N., Clements, J.L., Bernat, I., **Gerber, L.R.** 2021. Refining the Ecosystems Services Model: Integrating Animal Behavior into Ecotourism Management. *Elsevier Inc* doi; 10.1016/B978-0-12-821139-7.99184-7 (link)
18. *Cramer, K.L.*, Bernard, M.L., Bernat, I. Gutierrez, L., Murphy, E., Sangolqui, E.P., Surrey, K.C., **Gerber, L.R.** In press. The present and future status of ecosystem services for coral reefs. *Encyclopedia of Biodiversity*. (link)
17. Butchart, S. H. M., Miloslavich de Klein, P., Reyers, B., Subramanian, S. M., Adams, C., Bennett, E., Czúcz, B., Galetto, L., Galvin, K., Reyes-García, V., **Gerber, L.R.**, Bekele, T., Jetz, W., Kosamu, I. B. M., Palomo, M. G., Panahi, M., Selig, E. R., Singh, G. S., Tarkhnishvili, D., Xu, H., Lynch, A. J., Mwampamba. T. H., Samakov, A. 2019. Chapter 3. Assessing progress towards meeting major international objectives related to nature and nature's contributions to people. *Global assessment report of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services.* Brondízio, E.S., Settele, J., Díaz, S., Ngo, H.T. (eds). IPBES secretariat, Bonn, Germany. 214 pages doi: 10.5281/zenodo.3832053 (link)
16. Razzaque, J., Visseren-Hamakers, I.J., McElwee, P., Rusch, G.M., Kelemen, E., Turnhout, E., Williams, M., Gautam, A.P., Fernandez-Llamazares, A., Chan, I., **Gerber, L.R.**, Islar, M., Karim, S., Lim, M., Liu, J., Lui, G., Mohammed, A., Mungatana, E., Muradian, R. 2019. Chapter 6. endang Makers. *Global assessment report of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services*. Brondízio, E.S., Settele, J., Díaz, S., Ngo, H.T. (eds). IPBES secretariat, Bonn, Germany. 154 pages doi: 10.5281/zenodo.3832107 (link)
15. Hellman, J. and **L.R. Gerber.** 2019. Developing Change Agents: Challenges and opportunities for training agents of change in the Anthropocene. University of Minnesota Press (book chapter). (link)
14. Neugarten, R.A., Langhammer, P.F., Osipova, E., Bagstad, K.J., Bhagabati, N., Butchart, S.H.M., Dudley, N., Elliott, V., **Gerber, L.R**., Gutierrez Arrellano, C., Ivanić, K.-Z., Kettunen, M., Mandle, L., Merriman,J.C., Mulligan, M., Peh, K.S.-H, Raudsepp-Hearne, C., Semmens, D.J., Stolton, S., and Willcock, S. 2018. Tools for measuring, modelling, and valuing ecosystem services. *IUCN Library.* doi.org/10.2305/IUCN.CH.2018.PAG.28.en (link)
13. Mancha-Cisneros, M. & **Gerber, L.R.** 2015. Guiding principles for green economic development in the marine environment: Insights from small-scale fisheries. In Gasparatos and Willis, *Biodiversity in the Green Economy.* Routledge. (link)
12. VanBlaricom, G. R., **Gerber, L.R.**, & Brownell Jr., L.R. 2013. Marine Mammals, Extinctions of. Pages 64-93 In: S.A. Levin (editor). *Encyclopedia of Biodiversity*, Second Edition. Academic Press, San Diego. (link)
11. Hernandez, C. & **Gerber, L.R.** 2012. Sea lions. *World Book Encyclopedia*. World Book.
10. VanBlaricom, G. R., **Gerber, L.R.**, & Brownell Jr., R. L. 2012. The Past, Present and Future of Marine Mammals. In: S.A. Levin (editor). *Encyclopedia of Biodiversity*, Volume 4. Academic Press, San Diego.
9. **Gerber, L.R.**, Gancos, T. N., & Halpern, B. 2012. Marine reserves and ecosystem-based management: Nested approaches for marine conservation. *In* A. Hastings and L. Gross, editors. *Sourcebook in Theoretical Ecology*. University of California Press. (link)
8. *Morissette, L.*, Melgo, J. L., *Kaschner, K.,* & **Gerber, L.R.** 2009. Modelling the Trophic Role of Marine Mammals in Tropical Areas: Data requirements, uncertainty, and validation. *UBC Fisheries Center Research Reports*, *17(2)*, 120 pp. (link)

7. *D'Agrosa, C.,* **Gerber, L.R.**, Sala, E., Wielgus, J., & Ballantyne IV, F. 2007. Navigating Uncertain Seas: Adaptive monitoring and management of Marine Protected Areas. 32 pp.
6. Szteren, D., Aurioles D., & **Gerber, L.R.** 2006. Population status and trends of the California sea lion (*Zalophus californianus*) in the Gulf of California, México. In: Trites, A., Atkinson, S., DeMaster, D., Fritz, L., Gelatt, T., Rea, L., & Wynne, K. (Eds.), *Sea Lions of the World: Conservation and Research in the 21st Century.* Alaska Sea Grant College Program, University of Alaska Fairbanks
5. **Gerber, L.R.** 2004. Biological uncertainty and extinction risk for Steller sea lions *(Eumetopias jubatus*) In: R.A. Akcakaya (Ed.), Developing models for conservation and management using RAMAS GIS. Island Press, Washington, DC.
4. Sabo, J. S. & **L.R. Gerber**. 2001. imac. In: *McGraw-Hill Encyclopedia of Science and Technology*, McGraw-Hill Book Co., New York. (link)
3. **Gerber, L.R.** 1999. Marine Conservation and Marine Reserves In: *McGraw-Hill Encyclopedia of Science and Technology*, McGraw-Hill Book Co., New York, ISBN 0-07-052771-7.
2. Morris, W., Doak, D., Groom, M., Kareiva, P., Fieberg, J., **Gerber, L.R.,** Murphy, P., & Thomson, D. 1999. A practical handbook for population viability analysis. The Nature Conservancy, ISBN: 0-9624590-4-6. 133 pp. (link)
1. **Gerber, L.R.** 1999. Scientific uncertainty and sentimentality: Extinctions & protective legislation of marine mammals In: International Cooperation in Science and Technology. Sigma Xi, The Scientific Research Society, Inc. ISBN: 0-914446-13-4.

Mentoring

Postdoctoral Researchers and Assistant Research Professors
Ford Ballantyne (2003-2005, co-advised with E. Sala, currently Prof at U Kansas)
Michael Westphal (2003-2004, co-advised with E. Sala, currently with World Resources Institute)
Jeffrey Wielgus (2004-2006, currently with World Resources Institute)
Julie Young (2006-2007, currently Assoc Prof at Utah State U)
Lyne Morrissette (2007-2009, currently private consultant)
Haridas Chirakkal Variam (2007-2010, currently postdoc at U Nebraska)
Victoria Baaker (2008-Fall; currently Asst Prof at MSU)
Caterina D'Agrosa (2006-2010, currently private consultant)
José Daniel Anadón (Fall 2010-Fall 2013, currently Asst Prof at SUNY)
Elena Finkbeiner (Fall 2017-currently Marine Scientist with Conservation International)
Samantha Cheng (Fall 2017-Spring 2019; currently Biodiversity Scientist at Smithsonian)
Krista Kemppinen (Fall 2017-current Postdoctoral Researcher with IUCN)
Danica Schaffer-Smith (Fall 2018-2020; currently Asst Research Professor at ASU)
Gwen Iacona (Fall 2018-2020; currently Asst Research Professor at ASU)
Steffen Eikenberry (Fall 2019-2021; currently Asst Research Professor at ASU)
Candice Carr Kellman (Fall 2020-22;currently Asst Research Professor at ASU)
Simon Lhoest (Fall 2021-2024; currently Assistant Professor at University of Belgium)
Chris Barton (Fall 2024-current)
Gwen Iacona (Fall 2022-current)
Katie Cramer (Fall 2024-current)
Jen McGowan (Spring 2026-current)

Doctoral Students - primary advisor
Manuela Gonzalez-Suarez (2003-2007, Currently Professor at University of Reading, London)
Jared Underwood (2004-2007, Currently Director of Hawaii National Wildlife Refuge)

Claudia Camacho-Hernandez (2004-2009, currently professor at CICIMAR in La Paz, MX)
Marie Fujitani (2007-2012, currently postdoctoral fellow at German Academy of Sciences)
Maria del Mar Mancha Cisneros (2011-2017, currently postdoc at Duke)
Biao Huang (2010-2015, currently postdoc at U Munich)
Tiffany Lewis (2015-currently PhD student at ASU)
Miranda Bernard (2016-2021, currently postdoc at AAAS)
Katie Surrey-Bergman (2018-2022, currently researcher with EPRI)
Erin Murphy (2018-2022, currently postdoc with Ocean Conservancy)
Oliva Davis (2019-2024, currently NSF postdoc)
Camilla Guerrero (2020-2025, currently postdoc at UCSD)
Caitlin Hawley (2021-2025, currently postdoc at University of Wales)
Alice Sansonetti (2024-current)
Paola Sangolqui (2020-current)
Rebecca Snyder (2022-current)
Lisley Gomes (2024-current)
Meredith Grady (2024-current)

Doctoral Students - committee member
Alan Giese (2002-2005)
Kirsten Rowell (2002-2006)
Richard Fredrickson (1999-2007)
Benjamin Campbell (2004-2007)
Sarah Boyle (2001-2005)
Mark Neff (2006-2008)
Jason Schooley (2006-2007)
Angela Picco (2004-2008)
Verma Miera (2002-Fall 2005)
Diana Szern (Fall 2004-Fall 2006)
TaShana Taylor (Fall 2003-Fall 2008)
Aireona Rashke (2012-2017)
Heather Fisher (2014-2017)
Kyle Stronglin (2016-2021)
Ute Brady (2012-2020)
Laura Prickett (2016-2019)
Camila Delgado-Montes (2021-2024)
Beckah Campbell (2020-2024)
Jessica Beaudette (2020-2025)
Tyler Treakle (2023-current)
Melanie Regney (2024-current)
Alexander Rogers (2025-current)
Dalia Maeroff (2024-current)

Masters Students
Jennifer Rupnow (2003-2007, currently private consultant)
Sage Tezak (2006-2009, currently with NOAA Marine Sanctuaries)
Ramona Flatz (2007-2010, currently Research Technician at Willamette College)
Zach Hughes (2007-2010, currently with NOAA Fisheries)
Robert Wildermuth (2010-2012, currently PhD candidate at U Mass, Dartmouth)
Tara Gancos (2010-2012, currently PhD candidate at U Georgia)
Melanie Sturm (2013-2014, currently Policy Intern with American Fisheries Society)
Caiti Troyer (2013-2014, currently Law Student at Stanford)

Mary Ross (2014-2015, currently decision risk analyst)
Anna Bettis (2015-2015, currently works with Pulliam Charitable Trusts)
Micah Harp (2014-current research associate at Cornell)
Leigh-Anne Tower (2014-2017, currently private consultant)
Arielle Amrein (2018-2020; currently biologist with NOAA)
Erin Spencer (2018-currently PhD student at University of Florida)
Alex Tunas Corzon (2019-2020, currently in PhD program)
Kesha Cummings (2017-2020, currently employed with SRP)
Tori Northrop (2022-2024; currently environmental consultant)

Selected Undergraduate Researchers – primary advisor
Kate Buenau (Honors student, 2001-2003, currently postdoc at UC Santa Barbara)
Jennifer Laliberte (Honors student, 2003-2004, currently MS Student at Duke University)
Lauren Horwitz (2004-2005, currently PhD student at San Diego State University)
Pam Marcum (2003-2005, currently high school science instructor)
Cristen Jester (2002-2004, currently employed with the Bureau of Land Management)
Andrew Keller (2002-2005, currently environmental consultant in San Diego, CA)
Matthew Petelle (2004-2006-currently PhD student at UCLA)
Michael Britt (2002-2005-current with AZ Fish and Game)
Kathy Robertson (SoLS Undergraduate Research Assistant 2003-2005, unknown)
David Green (SoLS Undergraduate Research Assistant, 2004-2006, PhD student at U Michigan)
David Jacobs (SoLS Undergraduate Research Assistant, 2006-2008, currently law student at ASU)
Allison Hoynes O'Connor (SoLS Research Assistant, 2005, currently MS student at UCSD)
Easton White (SoLS Undergraduate Research Assistant, 2006-2008, currently Fulbright Fellow)
Andrea Nozigilia (SoLS Undergraduate Researcher, 2012-2014, currently with AZ Game & Fish)
Sarah Geren (SoLS Undergraduate Research Assistant, 2013-2014, currently PhD student at ASU)
Dee Sagawae (SoLS Undergraduate Research Assistant, 2013-2014, currently Fulbright Fellow)
Kylee Farington (Honors student, 2016-2018, currently Doris Duke Conservation Fellow)
Madison Boldoc (Honors student, 2018-2019)
Celeste Dulane (Honors student, 2018-2019)
Ryan VanBussum (Honors student, 2018-2019)
Laney Gordon (LEAP scholar, 2020-2022)
Amanda Bell (SoLS Undergraduate Researcher, 2020-2023)
Allyson Aeshilman (LEAP scholar, 2020-2023)
Emily Byrum (SoLS Undergraduate Researcher, 2020-2023)
Jade Panagakis (SoLS Undergraduate Researcher, 2020-2023)
Elisa Olofsson (Honors student, 2021-2023)
Jared Clements (Postbac, 2019-2024)
Nate Eisenberg (Honors student, 2023-2025; currently pursuing MBA)
Kennedy Massey (SOLS Undergraduate Researcher, 2025-current)
Salome Mulder (Honors student, 2024-current)
Federica Sarselli (ASU Online Student, 2024-current)
Amelia Verhulst (SOLS Undergraduate Researcher, 2025-current)
Ava Lewison-German (Honors student, 2025-current)
Cecelia Darter (Honors student, 2025-current)
Ceridwen Grady (SOLS Undergraduate Researcher, 2025-current)
Sophia Mahon (SOF Impact Scholar, 2025-current)