

SHEILA REDDY, PH.D.

HIGHLIGHTS

- Experience driving strategic initiatives in corporate sustainability, agriculture, and impact measurement
- Adept at communicating and building relationships with diverse stakeholders and partners
- Ph.D. trained scientist in marine biology and economics, with awards for academic and social impact

PROFESSIONAL EXPERIENCE

THE NATURE CONSERVANCY

Conservation Impact Lead, Chief Conservation Office 1/2021-Present

Responsible for funding and launching a new organization-wide monitoring, evaluation, and learning (MEL) program

- Developing organization-wide impact report
- Developing organization-wide MEL framework and approach
- Forming strategic partnerships with tech companies and researchers to overcome challenges with measuring impact
- Advancing standards and systems (technology and operational) for MEL
- \$1.2 M annual budget and core team, regional leadership team, and project team staff

Interim Conservation Director, Africa Conservation and Communities Tourism Fund 1/2022-4/2022

Responsible for environmental and social impact and risk management for a \$50 M impact fund

- Leading environmental and social due diligence for Covid relief funds to tourism operators
- Developing loan covenants specifying required outcomes for employment, community development, conservation
- Managing impact reporting and compliance with conservation covenants of executed loan agreements

Associate Director for Strategic Initiatives, Chief Conservation Office 10/2017-12/2020

Responsible for helping manage pipeline of strategies and accelerate strategy development and evaluation

- Helped President and Chief Strategy Officer manage portfolio of strategies by standing up a new performance management process and interfacing with executives & strategy leads
- Fundraising and partnership development experience, including the Bill & Melinda Gates Foundation, Rockefeller Foundation, Columbia Earth Institute, Global and State Board Members/Principal Gifts prospects
- Launched a strategic initiative to measure conservation impact by leveraging advances in science and technology
- Led a recommendation to President, Executive and Conservation Management Teams on a decision on whether to pursue a new organizational priority, Connecting People and Nature

Senior Scientist and Strategy Advisor, Office of the Chief Scientist 2015-9/2017

Responsible for providing scientific leadership and research, advising global and regional strategy teams

- Directed a 7-person working team and \$1.5 Million 3-year budget to offer assistance and incentives to 4,000 landowners to promote soil health practices in the US Cornbelt (10/2016-2020)
- Led pilot of corporate-wide valuing nature process at The Dow Chemical Co., conducting workshops at 7 industrial sites with 50 Dow and 10 TNC staff, enabling teams to assess 30 projects and \$7.5 Million in new value
- Identified risks and opportunities with Millennials for Global Cities by managing a 3-person working team and \$30,000 9-month budget to quantify trends in behaviors in the US, China, India, and Brazil
- Uncovered insights into how organizational networks accelerate uptake of Conservation by Design planning process
- Ensured organizational compliance with Human Subjects Research Standard Operating Procedure

Scientist, Office of the Chief Scientist 2011-2015

Responsible for providing scientific capacity and leadership in sustainability and ecosystem services

- Enabled The Dow Chemical Co. to make a hurricane risk mitigation investment decision based on the costs and benefits of nature-based solutions at the second largest petro-chemical facility worldwide

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- Enabled Dow to forecast a price for water and evaluate investments in nature-based solutions as part of business planning during the height of a drought where the river ran dry and its primary reservoir became unusable
- Co-authored a proposal to Dow's Board of Directors, resulting in the first-ever sustainability goal for valuing nature across a corporation and seeking to generate \$1 Billion in new value
- Developed economic valuation methods for a tablet-based tool for non-experts to routinely value ecosystem services and business cases from piloting the tool at 4 industrial sites
- Generated new evidence on why communities choose nature-based solutions, which resulted in a new focus on state policy for the North America Risk Reduction & Resilience Initiative
- Assessed Bahamians' relationship with conch (shellfish) and piloted behavioral nudges with 1,000 people, which enabled TNC and partners to successfully influence the national government

FUNDRAISING AND INFLUENCING CONSERVATION INVESTMENTS

- 14 government and foundation grants, 7 fellowships, one private gift, five years of discretionary funding (>\$5 M)
- Out-the-door fundraising with Principal Gifts prospects, Bill & Melinda Gates Foundation, Rockefeller Foundation
- >\$500 Million in valuing nature projects to-date from Dow's \$1 Billion nature goal

PUBLIC SPEAKING AND COMMUNICATIONS

Committed to and energized by translating complex conservation and science issues to diverse audiences

- [Presentations](#) at scientific and industry meetings, universities, government convenings
- Blogs, Q&As, book reviews (19); short films (2)
- Media and interviews (e.g., National Public Radio, Environmental Leader, Sustainable Brands)

PEER-REVIEWED PUBLICATIONS

[>30 publications](#) with >3,200 citations, in the areas of marine biology, conservation science and management

AWARDS

CBEAR Prize for Agri-Environmental Innovation	2018
2016 Best Paper Award from <i>Integrated Environmental Assessment and Management</i> (nature-based solution)	2017
Private-Public Partnerships Impact Award <i>Finalist</i> (TNC-Dow Collaboration)	2015
Alliance for Corporate Social Responsibility Award (TNC-Dow Collaboration)	2015
Faculty of 1000 Recommendation for paper on integrated conservation development policy	2014
National Academy of Sciences North American New Horizons Fellow	2014
American Alpine Club Kidder Aspiring Alpinist and Live Your Dream Grant	2014
Roy Family Award for Environmental Partnership (TNC-Dow Collaboration)	2013

PROFESSIONAL SERVICE

Associate Editor, Conservation Science and Practice	2018-Present
Innovation Pathways Meeting, Foundation for Food and Agriculture Research, Steering Committee	2017
Scientific Journals, Manuscript Reviewer (e.g., Proceedings Nat'l Academy of Sciences, Science)	2008-Present
National Science Foundation, Grant Reviewer, Organizations and Coastal Sustainability	2013-2015
International Congress for Conservation Biology, Scientific Committee Member	2014-2015

GOVERNMENT & COMMUNITY SERVICE

Member, Economic Sustainability Commission, Town of Carrboro, NC	2016-2018
Vice Chair, Environmental Advisory Board, Town of Carrboro, NC	2014-2016
Member, Environmental Advisory Board, Town of Carrboro, NC	2013-2014
President, Roberson Place Homeowners Association, Carrboro, NC	2013-2015

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EDUCATION & ACADEMIC RESEARCH POSITIONS

BROWN UNIVERSITY, Postdoctoral Research Associate, Departments of Ecology and Economics

Scripps Institution of Oceanography, Ph.D., Marine Biology (Conservation Program with UCSD Economics Department)

BODEGA MARINE LAB, Postgraduate Researcher

STANFORD UNIVERSITY, B.S., Biological Sciences with Honors