

## Sheila Walsh Reddy, PhD

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### Summary

Global Program Director and Environmental Scientist with over ten years of experience accelerating solutions to the climate and biodiversity crises. Key accomplishments include embedding learning and impact data in The Nature Conservancy's management processes, developing an innovative soil carbon strategy, and being a key architect of a transformative corporate sustainability goal.

### Areas of Expertise

- Environmental science & economics
- Organizational & systems change
- Program strategy & management
- Grantmaking
- Internal and external partnerships
- Dynamic, matrixed environments
- Monitoring, evaluation, and learning
- Communicating complex issues
- Developing teams and professionals
- Diversity, equity, and inclusion
- Impact investing
- Technology especially remote sensing

### Professional Experience

*Global Director and Lead Scientist, Conservation Impact, The Nature Conservancy* Jan 2021 - Present

Leading impact measurement and management through organizational reporting & learning, capacity building, and strategic science & technology. Partnering with Global Director of Equitable Conservation to support learning and monitoring progress on centering equity in strategies. Launched new global program and built small central team and network of professionals in regions and functional teams.

Key accomplishment: Embedded learning and impact data in organizational management processes to accelerate progress on 3 gigaton CO<sub>2</sub>eq/year climate goal, 680 million ha land and water conservation goal, 4 billion ha ocean goal, and 145 million people goal. Influencing portfolios (clean energy, carbon dioxide removal, and conservation finance, policy & partnerships) with annual budgets of \$385 million.

*Associate Director for Strategic Initiatives, The Nature Conservancy* Oct 2017 - Dec 2020

Supported Chief Strategy Officer to implement a new approach to portfolio and strategy management. Contributed scientific and technical leadership to the development and evaluation of strategies.

Key accomplishment: Developed award-winning soil carbon strategy. Implemented as randomized controlled trials with 40,000 landowners to ensure verification and learning. Partnered with agricultural organizations and remote sensing company. Informed programs at USEPA, USDA, agribusinesses.

*Senior Scientists & Strategy Advisor, The Nature Conservancy* Feb 2011 - Sep 2017

Provided scientific leadership and capacity to strategy and project teams in corporate engagements, water security, climate risk reduction, urban conservation, fisheries, and oceans.

Key accomplishment: Co-authored a successful recommendation to The Dow Chemical Company's Board of Directors for a sustainability goal to find \$1 billion new value from projects that are better for business and nature by 2025. Last update: 100% of capital projects screened and achieved 77% of goal to date.

### Education & Training

Postdoctoral Fellow, Ecology & Economics, Brown University	2011
PhD, Scripps Institution of Oceanography, UCSD	2009
BS, Biological Sciences, Stanford University	2002

### Research Publications and Public Speaking

Thirty five [publications](#) with 4,000 citations(see also [papers in preparation](#))  
Fifty [public presentations](#) at universities, conferences, industry meetings, government agencies, etc.

### Professional Service (current)

Host, Conservation Implementation & Evaluation Science Seminar Series	Sep 2023 - Present
Member, Standard Technical Advisory Committee, The Change Climate Project	Apr 2023 - Present
Associate Editor, Conservation Science & Practice	Aug 2018 - Present

### Awards

Johns Hopkins University CBEAR Prize for Agri-Environmental Innovation	2018
Best Paper Award from <i>Integrated Environmental Assessment and Management</i>	2017
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

### Volunteer Experience

Board Chair, Teton Climbers Coalition	Dec 2023 - Present
Board Member, Teton Climbers Coalition	Jul 2022 - Nov 2023
Member, Economic Sustainability Commission, Town of Carrboro, NC	Apr 2016 - May 2018
Vice Chair, Environmental Advisory Board, Town of Carrboro, NC	Apr 2014 - Mar 2016
Member, Environmental Advisory Board, Town of Carrboro, NC	Mar 2013 - Mar 2014
President, Roberson Place Homeowners Association	Jan 2013 - Jan 2015