

EDWARD R. CARR

ADDRESS

Office

Stockholm Environment Institute
11 Curtis Avenue
Somerville, MA 02144-1224
Email: ed.carr@sei.org

Relevant Professional Positions

US CENTER DIRECTOR AND SENIOR SCIENTIST, Stockholm Environment Institute (2024-present)

Principal Responsibilities: Provide leadership for a research center of 30-40 staff and a budget of approximately \$5.5 million; identify opportunities for institutional development and fundraising; serve as a member of SEI's Global Management Committee; develop impactful research programs and collaborations within and beyond the center.

PROFESSOR (WITH TENURE) (2015-2024) AND DIRECTOR (2015-2023) of International Development, Community, and Environment Department, Clark University (Previously Assistant and Associate Professor, Department of Geography, University of South Carolina, 2003-2012)

Principal Responsibilities: Provide vision and management for a department of 17 full-time faculty, three administrative staff members, 250 students, and an annual budget of \$2.4 million; develop and implement an innovative and impactful curriculum to improve student educational experience; set student marketing and recruitment priorities; develop strategic partnerships with academic and non-academic partner institutions; serve in the university senior leadership team; report research findings in refereed publications and other scholarly outlets; present research at professional conferences and invited colloquia; teach graduate (MA and Ph.D.) courses.

PANEL MEMBER FOR CLIMATE CHANGE ADAPTATION, Scientific and Technical Advisory Panel, Global Environment Facility (2020-present)

Principal Responsibilities: Provide intellectual and innovative leadership to the GEF through high quality advice that brings intellectual rigor to proposed projects, with particular attention to the strategic framework and plan for the Least Developed Countries Fund (LDCF) and Special Climate Change Fund (SCCF) portfolios; mobilize scientific and technical networks and partnerships to further GEF objectives; participate in developing and implementing STAP's work program, including drafting analytical papers, reports, and making presentations, and attending and convening meetings of experts; screen projects and programs in biannual GEF work programs.

CLIMATE CHANGE SCIENCE ADVISOR, Bureau of Economic Growth, Education, and the Environment, Office of Global Climate Change, United States Agency for International Development (September 2011-August 2012)

Principal Responsibilities: Design the evaluation of an agroclimatic services project in Mali; coordinate a team of implementing partners (American, multilateral, and Malian) and local staff; produce tailored analyses of the project for client National Meteorological Services in West Africa; facilitate mission-led pilot climate change integration projects across the agency; contribute to the drafting of the USAID climate change research agenda, coordinate efforts to link climate change adaptation programs with disaster risk reduction programs.

CLIMATE CHANGE COORDINATOR, Bureau of Democracy, Conflict and Humanitarian Assistance, United States Agency for International Development (September 2010-August 2011)

Principal Responsibilities: Brief Bureau leadership (Assistant Administrator and Deputy Asst. Administrator) on Bureau-relevant climate change issues and climate change activities; provide intellectual leadership on global climate change through coordination with multiple DCHA offices; lead DCHA climate change policy capacity building and coordination; lead the development of DCHA climate change programming (budget of \$5 million, rising to \$8 million, per year), including a four year strategic plan; represent DCHA across USAID and in Interagency working groups.

Education

Ph.D. in Geography (2002), University of Kentucky

Ph.D. in Anthropology (2001), Syracuse University

MA in Anthropology (1998), Syracuse University

BA (High Distinction) in English/American Studies/Archaeology (1995), University of Virginia

Sample Project Experience

ADAPTING AGRICULTURE TO CLIMATE TODAY, FOR TOMORROW (2021-PRESENT)

Responsibilities: Senior M&E Advisor to \$30 million initiative under Columbia World Projects. Responsible for supporting the development of the M&E strategy, approach, tools, and reporting for the project. Oversight of a consultant providing technical support to the M&E effort.

Achievements: Redesigned M&E approach for a six-country, five-year project in under two months. Worked with staff of the International Research Institute for Climate and Society (IRI), the lead organization for ACToday, to gain support from the Columbia World Projects team for the new strategy. Captured key lessons from project that will inform both future development implementation and the field of climate services more generally.

CLIMATE SERVICES RESEARCH INITIATIVE (2016-2019)

Responsibilities: Contribute to the Broad Agency Announcement process from concept note to proposal writing; staff and manage \$385,000 subcontract, including project leads, fieldworkers, translators, data entry, and analysis; lead writing of project reports; present project results at professional meetings and donor workshops.

Achievements: Obtained funding from USAID (\$2 million) as part of a larger consortium; developed learning agendas for the identification of climate services users and needs and for the effective M&E of climate services; tested innovative ethnographic approach to CIS M&E.

MALI CLIMATE CHANGE ACTIVITY (2015-2017)

Responsibilities: Contribute to the writing of the project proposal (led by Chemonics); staff and manage \$450,000 subcontract, including project leads, fieldworkers, translators, data entry, and analysis; coordinate training of Malian partners on data collection from five village, including data from nearly 450 interviews; lead writing of project reports; provide guidance on appropriate project activities.

Achievements: Obtained funding from USAID (>\$10 million) as part of a larger consortium; successful rapid ethnographic data collection, on time and under budget; successful analysis of massive qualitative dataset; production of cutting-edge analysis of livelihoods decision-making; critical inputs to ongoing project design and implementation that prevented negative social outcomes.

Global Environmental Leadership

- 2022-2024** Lead Author, Chapter 4, “Overcoming the challenges of achieving transformative change towards a sustainable world,” Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) Transformative Change Assessment
- 2022-2024** Member, National Academies Climate Security Roundtable. National Research Council, Division on Earth and Life Studies
- 2019-2022** Lead Author, Chapter 18, “Climate Resilient Development Pathways,” Working Group II of the Intergovernmental Panel on Climate Change (IPCC) Sixth Assessment Report (AR6).
- 2013-2015** Lead Author, USDA Technical Report “Global Climate Change, Food Security, and the U.S. Food System”.
- 2012-2014** Review Editor, Chapter 9, “Rural Areas,” Working Group II of the Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report (AR5).
- 2005-2007** Lead Author, 4th *Global Environment Outlook* (GEO-4), United Nations Environment Programme (Chapter 8: Interlinkages: Governance for Sustainability).
- 2003-2005** Lead Author and Fellow, *Millennium Ecosystem Assessment*, Scenarios Working Group

Sample Scientific and Technical Publications (complete list available on request)

- 2023 Carr, Edward R. and Johanna Nalau. "Adaptation Rationales and Benefits: A foundation for understanding adaptation impact." *Climate Risk Management* 39: 100479
- 2022 Carr, Edward R., Rahel Diro, Tyrone Hall, Lydia Mbevi, Dan Zook, Mary Beggs, Carmen Benson, Hayden Aldredge, Lauren Allognon, Tommy Crocker, Katie Liming, Nancy Mukupa. "Working Paper: Systemic Solutions for Climate Change Adaptation and Mitigation in Agricultural, Nutrition, and Food Systems." BIFAD Working Paper. Tetra Tech under the USAID BIFAD Support Contract.
- 2022 Carr, Edward R. "A decision tree for adaptation rationale". A STAP Advisory Document. Scientific and Technical Advisory Panel to the Global Environment Facility. Washington, DC.
- 2022 E. Lisa F. Schipper, Aromar Revi, Benjamin L. Preston, Edward R. Carr... Pramod K. Singh. "Climate Resilient Development Pathways." In Pörtner, Hans-Otto, et al, eds. *Climate Change 2022: Impacts, Adaptation, and Vulnerability. Contribution of Working Group II to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge University Press.
- 2020 Carr, Edward R. "Resilient Livelihoods in an Era of Global Transformation." *Global Environmental Change*, 64. 102155
- 2019 Carr, Edward R. "Properties and Projects: Reframing Resilience for Adaptation and Development." *World Development* 122: 70-84
- 2014 Carr, Edward R. and Mary C. Thompson "Gender and Climate Change Adaptation in Agrarian Settings: Current thinking, new directions, and research frontiers." *Geography Compass* 8 (3): 182-197.

Summary of Public Engagement Experience (complete list of presentations available on request)

- 20+ invited research colloquia at institutions such as Johns Hopkins School of Advanced International Studies (USA), Harvard University (USA), Northwestern University (USA), Simon Fraser University (Canada), George Washington University (USA), Texas A&M University (USA), University of Florida (USA), Louisiana State University (USA), University of North Carolina, Chapel Hill (USA), University of Kentucky (USA), University of Georgia (USA), University of Ghana, Legon (Ghana), University of Cape Coast (Ghana), McGill University (Canada), USDOT Volpe Center (USA), Millennium Challenge Corporation (USA)
- 50+ conference papers or panels at professional meetings.
- IPCC 6th Assessment Report Media Training
- Extensive media engagement around climate change risk and vulnerability, including op eds in the Boston Globe and The Conversation, radio with NPR, Television with NBC Boston, NBC Raleigh, WGBH (Boston Public Television) NTN24 (Colombia), and podcasts with the Woodrow Wilson Center for Scholars

Selected Honors and Awards

- 2017 University of Kentucky Department of Geography Distinguished Alumni Award
- 2016 Abraham Lincoln Honor Award for Contributions to Global Food Security, US Department of Agriculture (as a lead author of *Climate Change, Global Food Security, and the U.S. Food System*)
- 2012 Meritorious Honor Group Award, USAID
- 2010 – 2012 American Association for the Advancement of Science (AAAS) Science and Technology Policy Fellowship
- 2006 Zayed International Prize for the Environment, 2nd Prize. Shared by the authors of the *Millennium Ecosystem Assessment*

Language Skills

- English (native)
- Spanish (conversational)
- Twi/Fante (research knowledge, limited reading, writing and speaking)