Jeremy Weiss, PhD

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Strategic partnership leader and extension professional with deep expertise in climate, environmental, and geospatial science, more than 20 years of experience connecting academic research to real-world impact across federal agencies, Native nations, state government, municipalities, industry, and nonprofits, and a commitment to sustainability that is community grounded and broadly impactful

PROFESSIONAL EXPERIENCE

Program Manager
University of Arizona Cooperative Extension, July 2021 – Present

Develop and execute a strategy to modernize and expand the Arizona Meteorological Network, increasing funding by 40% through diversified sources of federal grants and contracts, municipal partnerships, and industry sponsorships, growing the number of stations by 21%, and deploying over 10 decision-support tools serving agricultural producers, water managers, and extension specialists

Manage external relationships with funders, industry partners, and academic collaborators through sustained engagement, communication of program value, and identification of new opportunities aligned with their priorities, and lead a team of three research professionals and technologists for field operations, database management, and web development

Committee Member
University of Arizona Cooperative Extension, October 2022 – Present

Serve on the evaluation committee for the $45-million Water Irrigation Efficiency Program in Arizona, assessing grant proposals from agricultural producers to a state-sponsored initiative that to date has helped conserve annually more than 11 billion gallons of water, and developing direct working knowledge of how funders evaluate applicant capacity

Climate and Geospatial Extension Scientist
University of Arizona Cooperative Extension, November 2014 – July 2021

Collaborated with an interdisciplinary research team and Native nations to develop tailored climate reports that supported grant applications and resilience planning, translating climate science into relevant resources for tribal governments pursuing federal funding and advancing community priorities

Contributed climate-science expertise to a consulting-firm-led project for the Water Research Foundation that mapped climate exposure and information needs to water utility business functions, resulting in an executive summary, business function risk and opportunity profiles, and a guidebook for leaders

Research Scientist
University of Arizona, April 2013 – October 2014

Served on an academic research team that connected climate science to facility management at three U.S. Department of Defense installations, translating analysis of coastal-flooding, sea-level-rise, and geospatial infrastructure models into risk assessments that supported planning and decision making

Scientific and Technical Consultant
Independent Consultant, January 2012 – December 2014

Contributed climate and geospatial analysis to a NOAA Fisheries-led team developing indicators of climate change and social vulnerability, supporting translation of sea-level-rise science into decision-relevant metrics for environmental and economic sustainability in coastal communities

Senior Research Specialist
University of Arizona, August 2002 – March 2013

Collaborated to translate cutting-edge sea-level-rise research into public-facing web tools, media engagement, and supporting documentation for policy-relevant resources like the U.S. National Climate Assessment, building relationships with academic colleagues, journalists, and community stakeholders to extend the reach and impact of climate science beyond the peer-reviewed literature

FUNDING
Identified grants, contracts, and sponsorships through diverse federal, state, municipal, and industry sources that are aligned with stakeholder, project, and research priorities, to date securing nearly $900,000 as principal investigator and more than $4.2 million as part of interdisciplinary research teams

STAKEHOLDER ENGAGEMENT AND CONVENINGS
Collaborated to design and lead 9 stakeholder workshops, bringing together federal agency staff, academic researchers, extension specialists, and agricultural producers to advance shared understanding and collective action on topics ranging from scientific needs assessment to delineating drought conditions for federal disaster assistance

COMMUNICATION, OUTREACH, AND PUBLICATIONS
Built and maintained external visibility for extension programs and research projects through more than 170 public-facing communications and presentations, improved and validated scientific research through more than 120 academic publications and presentations

LANGUAGE AND TECHNICAL SKILLS
Budget management, contract management, cross-functional team leadership, fundraising, grant evaluation and writing, program and project management, research, science communication

English (native), Spanish (advanced-low, undergraduate minor, 15 weeks international work and travel), French (novice-mid, 6 weeks international work and travel, self-study)

Data analysis and visualization, probability, spatial analysis, statistics, time series analysis

EDUCATION
Doctor of Philosophy, 2012
University of Arizona, Major: Geosciences (Climate Dynamics), Minor: Natural Resources
Master of Science, 2002
University of New Mexico, Major: Earth and Planetary Sciences (Climatology)
Bachelor of Science, 1998
Arizona State University, Major: Botany (Horticulture), Minor: Spanish

ACCREDITATIONS AND CERTIFICATES
LEED Green Associate, U.S. Green Building Council (USGBC), March 2026
Climate Resilience and Urban Sustainability, University of Colorado Boulder, October 2025
The Materiality of ESG Factors, University of Pennsylvania, August 2025

HONORS AND AWARDS
Environmental Stewardship Award, Arizona Farm Bureau, November 2023
Environmental Stewardship Award, Yuma County Farm Bureau, August 2023
Laureate, Campus France "Make Our Planet Great Again" Short-Stay Program, a French government initiative fostering international research collaboration on Earth system sciences, climate change, sustainability, and energy transition, January 2018