Caroline G. Staub

Partner, Bristlepine Resilience Consultants
Louisville, KY, USA; caroline@bristlep.com; +1 (352) 246 0393
LinkedIn | Google Scholar

PROFESSIONAL SUMMARY

Cross-sector, analytical and strategic climate services and agricultural development professional with 15+ years leading research, project implementation and proposal development focused on climate change adaptation, climate-smart agriculture, agricultural extension, agroecology, and conservation – across fragile and/or remote geographical settings. Diplomatic and effective interlocutor amongst multilaterals, NGOs, government agencies/ministries, global donors, subsistence farmers, commercial growers/producers, scientists, and businesses – with expertise distilling climate and environmental complexities for diverse audiences from HQ to the field. Proven ability to engage with government stakeholders to drive accountability processes related to agricultural policy and conservation programs.

CORE COMPETENCIES

- **Climate Science and Decision Support:** Ph.D. in geography with a deep understanding of climate change and variability. Experience developing and evaluating climate-informed decision support tools for use in agriculture.
- **Capacity Strengthening:** Developed and delivered technical advisory & training for ministries, farmer organizations, and extension agents. Experience leading Participatory Integrated Climate Services (PICSA).
- **Science Communication and Storytelling:** Ability to distill complex information for diverse audiences. Experience teaching and developing publications, blog posts, webinars, and conference presentations on climate-related topics.
- **Project Management & Impact:** Demonstrated skills in project management, including MEL, risk assessment, and data-informed planning. Over 6 years of experience operating effectively in remote settings.
- **International Development Experience:** Strong knowledge and understanding key actors, gaps, and opportunities in the international climate change adaptation landscape. Countries of Work Experience: Australia, Haiti, Morocco, Senegal, Fiji, Mauritius, Malawi, USA, UK.

PROFESSIONAL EXPERIENCE

International Fund for Agricultural Development (IFAD) – *Agricultural Transformation Consultant*   *May 2025 – Present*
Remote from Louisville, KY, USA | Through Bristlepine Resilience Consultants
- **Conducting comparative evaluation** of ATx models (ATA, ATO, ATI, ALTA) in Ethiopia, Togo, Sierra Leone, and Tanzania.
- **Leading desk reviews, key informant interviews, and focus groups** with national agencies and donor partners.
- **Applying** matrix coding, mind maps, heat maps, and radar charts to analyze governance, coordination, and delivery.

Abt Global – *Senior Climate Adaptation Advisor and Solution Lead*   *Jan 2022 – Apr 2025*
Rockville, MD, USA (remote from Louisville, KY)
- **Co-developed Abt's Climate and Environment Go-To-Market strategy,** helping move the market from Assess to Test to Accelerate from 2022 to 2024 and winning over $55M in new business in less than 3 years.
- **Led and co-led USAID climate proposals** including the $49M USAID-funded Comprehensive Action for Climate Change Initiative (CACCI) proposal. CACCI advises dozens of countries on climate policy and implementation of Nationally Determined Contributions (NDCs) and National Adaptation Plans (NAPs).
- **Supported climate adaptation thought leadership** through publications and presentations.

The University of the District of Columbia – *Resilient Cities and Food Security Lead*   *Feb 2021 – Dec 2021*
Washington DC, USA
- **Developed and led a survey of local needs** in the Washington DC urban agriculture sector.
- **Evaluated proposals on urban agriculture** initiatives in the Washington DC area.
- **Taught an agroecology** course.

The World Bank Group – *Climate-Smart Agriculture Science Consultant*   *Feb 2021 – Apr 2021*
Washington DC, USA
- **Analyzed and reported on lessons learned** from thirteen Africa-wide climate-smart agriculture investment plans.
- **Developed a regional-level M&E framework** to summarize the performance of climate-resilient agriculture projects across multiple national and regional jurisdictions in Africa.

The World Food Program – *Climate-Smart Agriculture Science Advisor*   *May 2020 – Sep 2020*
Remote from Washington DC, USA
- **Co-developed a 2030 investment blueprint for climate-informed, digital decision-support tools** for agricultural professionals.

University of Florida – *Project Manager and Climate-Smart Agriculture Lead*   *May 2017 – Dec 2020*
Gainesville, FL. USA
- **Managed, monitored, and supervised research-based activities** on a complex $13.7M USAID-funded food security project in Haiti in collaboration with U.S. land-grant university partners.
- **Developed and led a holistic and integrated climate resilience strategy** for use by the Haitian agricultural community.
- **Led a pilot of Participatory Integrated Climate Services (PICSA)** for farmers, leading to livelihood diversification.
- **Co-developed, managed and evaluated a competitive mini-grants program** for research and extension related activities.
- **Partnered with and coordinated activities led by public and private sector experts** in the climate change adaptation sector in Haiti, the U.S., and U.K.

University of Florida – *Project Manager and Climate-Smart Agriculture Lead*   *May 2015 – May 2017*
Gainesville, FL. USA
- **Led and coordinated research-based activities** in Florida, Georgia, South Carolina, and Alabama under a $4.8M USDA NIFA-funded research and education project, leading to 24 peer-reviewed publications, 38 conference papers, 45 extension publications, three books, six videos, and four adaptation fairs.
- **Developed a web-based drought-index monitoring tool** for use by statisticians at the USDA NASS in forecasting seasonal crop yields.
- **Developed survey instruments and evaluated the performance of decision-support tools** and strategies on climate risk management.
- **Designed and delivered capacity-building activities** for farming businesses and communities to increase support for and advance resilient agriculture.

University of Florida – *Land Use Mapping Graduate Researcher and Instructor*   *Aug 2009 – May 2015*
Gainesville, FL. USA
- **Coordinated research-based activities** on a multi-partner $275K NSF-funded project contributing new knowledge about management practices on forested lands in the US Southern Coastal Plain.
- **Taught physical geography** and **cartography** courses.

African Parks Network – *Natural Resources Management Researcher and Research Coordinator*   *Feb 2008 – Jun 2009*
Chikwawa, Malawi
- **Led research on habitat management**, identifying the risk factors associated with elephant browsing on fenced miombo woodland tree habitats and proposing strategies for sustainable management.
- **Trained and managed four staff** members to collect rainfall and vegetation data for research.

EDUCATION

- **PhD in Geography** – University of Florida, Gainesville, FL., USA   *2011 – 2015*
- **MS in Geography** – University of Florida, Gainesville, FL., USA   *2009 – 2010*
- **BS (Hons) in Environmental Biology** – Curtin University, Perth, Australia   *2003 – 2007*

SELECTED PUBLICATIONS & TALKS (*25+ publications | 420+ citations | 20+ talks*)

- "**How needs-based climate insurance can help communities in the Pacific.**" UNCDF Blog (2022). Link
- "**Stimulating small-scale farmer innovation and adaptation with Participatory Integrated Climate Services for Agriculture (PICSA): Lessons from successful implementation in Africa, Latin America, the Caribbean and South Asia.**" Journal of Rural Studies (2022). Link
- "**GIS-based multi-criteria modelling of flood risk susceptibility in Port Louis, Mauritius: Towards resilient flood management**."International Journal of Disaster Risk Reduction (2022). Link
- "**Crop season planning tool: Adjusting sowing decisions to reduce the risk of extreme weather events.**" Computers and Electronics in Agriculture (2019). Link
- "**Inter-and Intra-annual precipitation variability and associated relationships to ENSO and the IOD in southern Africa.**" International Journal of Climatology (2016). Link

LANGUAGES

- **English** (Fluent), **French** (Fluent), **Mauritian Creole** (Professional Proficiency)