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EDUCATION

Ph.D. (1991) and M.S. (1986) Wildland Resource Science, University of California, Berkeley
 B.S. (1981) summa cum laude Conservation and Resource Studies, University of California, Berkeley

PROFESSIONAL EXPERIENCE

2009-present Flagship Leader Low Emissions Agriculture CGIAR Research Program on Climate Change Agriculture and Food Security, and Research Associate Professor, Gund Institute for Ecological Economics, University of Vermont. The CCAFS role includes serving on the CCAFS Program Management Committee, responsible for strategy, funding and management of the USD 5060 million per annum CCAFS program

2007-2009 Director, Center for Sustainable Agriculture (2007-2009) and Extension Associate Professor, University of Vermont, Burlington

1994-2005 Principal Scientist, Governance Program, Center for International Forestry Research, Bogor, Indonesia

1991-1994 Program Officer, Asia Program, Ford Foundation, New York

IMPACT FOCUS

My expertise is in natural resource management with a focus on policy and institutions for improved rural livelihoods and environmental outcomes. During the last 30 years, I have addressed problems in agriculture forest landscapes of the developing world, tackling the inherent tension of environment and development objectives and partnering with diverse interest groups to support social change. I strongly believe that this kind of science should lead to tangible development outcomes for the improved well-being of people and the environment. It should also increase the self-determination and knowledge of the people affected by involving them directly in the research. My research at CIFOR supported forest communities to improve local governance reforms that would enhance their livelihoods and forest sustainability. This required participatory action research (learning-by-doing) with a complex set of communities, government and company actors. In CCAFS we have used this approach in our program as well, but focused on national governments. The CCAFS Low Emissions Development program has produced research and engagement contributing to the outcomes listed below for 2011-2015 (all documented in the CCAFS reporting system; 2016 still being compiled and assessed).

Outcome statement	Year
CIAT-MAG-CATIE collaboration supported the process leading to the Low Emission Livestock Strategy in Costa Rica	2015
Colombian government registered a Nationally Appropriate Mitigation Action (NAMA) Information Note in the UNFCCC	2015
Ministries of Vietnam and Bangladesh produced country work plans for scaling out Alternative Wetting and Drying (AWD) in rice, for positive impacts on GHG emissions	2015
East African countries integrate Climate Smart Agriculture into their Intended Nationally Determined Contributions (INDCs) of the UNFCCC	2015
Scaling climate-smart dairy practices in Kenya. Dissemination of improved feeding practices to 600,000 smallholder dairy producers (practices leading to reductions in GHGs per unit output)	2015
Plan Vivo adopted greenhouse gas accounting methodology for smallholders	2015
Colombian government placed a spotlight on agriculture in their Intended Nationally Determined Contribution (INDC)	2015
Columbian Government prioritized an agricultural Nationally Appropriate Mitigation Action (NAMA)	2014
Indonesian Reference Emission Level (REL) for peatlands submitted	2014

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