

BRUCE A. LINQUIST

Department of Plant Sciences, One Shields Avenue
University of California, Davis CA 95616
phone: (530) 752-3125; email: balinquist@ucdavis.edu

EDUCATION

Ph.D., Agricultural Ecology, University of California, Davis. 1995.
M Sc., International Agricultural Development, University of California, Davis. 1991.
B.S., Agronomy, Texas A&M University, 1986.

EXPERIENCE

2013- present University of California Cooperative Extension, Rice Specialist
I have both research and outreach/ extension responsibilities. My research program is broad - covering nutrient cycling/management, yield gap analysis, cropping systems, air quality, water quality, and water use in rice systems. My extension efforts are closely linked with my research program and focus on developing and improving nutrient management practices that improve nutrient use efficiency, are economical, and result in minimal off-site pollution. In addition, my outreach also extends to legislative and policy makers. This is especially related to various environmental concerns that I address which are pertinent to rice systems. Some examples are water use in rice systems, concerns of water quality (dissolved organic carbon and other nutrients) in water leaving rice fields, NO₃ leaching and greenhouse gas emissions. I also work closely with the extension personnel and frequently give presentations to grower and PCA groups and others (policymaker and regulators) associated with the rice industry. I have also developed and maintain a web-based platform (Research and Information Center) to disseminate information to stakeholders in an appropriate and timely fashion. While most of my research is in California, I have collaborative research in Arkansas, Italy, Spain and Indonesia.

2009-2013 Professional Researcher: Department of Plant Sciences, UC Davis
2005-2009 Project Scientist: Department of Plant Sciences, UC Davis
2004-2005 Team Leader: Lao-IRRI Project, International Rice Research Institute (IRRI)
2001-2005 Upland Rice Agronomist: IRRI, Lao PDR
1997-2000 Lowland Rice Agronomist: IRRI, Lao PDR
1996-1997 Post-Doctoral Fellow: Department of Agronomy and Range Science, UC, Davis

PROFESSIONAL AFFILIATIONS

American Society of Agronomy (ASA)
2010: Chair of Division A-6 (International Agronomy)
Soil Science Society of America (SSSA)

JOURNAL SERVICE

- Editorial Board: *Field Crops Research* (2013 to present)
 - In 2014, I received an “Excellence in Reviewing” award from Field Crops Research.
- Associate Editor: *Soil Science Society of America Journal* (2016-present)

AWARDS

- Distinguished Rice Research and Education Team Award, 2018, presented at Rice Technical Working Group meeting, Long Beach, CA.