

Dr. Brenda S. Tubaña received a B.S. in agriculture in soil science from the University of the Philippines Los Banos (UP Los Banos) in 1992, an M.S. in soil science (soil fertility), UP Los Banos in 2002, and a Ph.D. in soil science (soil fertility) from Oklahoma State University in 2007. In 1993, Tubaña worked with the International Rice Research Institute in Los Banos, Laguna, Philippines, on nutrient management of upland/aerobic rice production. In 2004, she joined Oklahoma State University to pursue her Ph.D. Her project focused on developing a need-based nitrogen decision tool using remote sensing technology for corn and wheat. In 2007, she joined the School of Plant, Environmental, and Soil Sciences, Louisiana State University, as assistant professor of soil fertility. She conducts and coordinates statewide soil fertility research for major row-crop production in Louisiana. Her soil and crop science research on silicon is one of the few active research programs in the U.S. focused on establishing silicon fertilization guidelines for rice and sugarcane and standardization of testing procedures for silicon in soils, plants, and fertilizers. In 2015, she was awarded the Jack E. and Henrietta Jones Professorship. She has published more than 60 peer-reviewed articles, five book chapters, and more than 200 conference abstracts/proceedings, trained many graduate students and post-doctoral fellows, and received numerous research and teaching awards.