



Dr Sarah Park - CV

My research into the vulnerability of agricultural production to climate change has spanned nearly a decade and included systems in both the UK and Australia. In more recent years I have focussed on impacts and adaptation strategies within the Australian sugarcane and horticultural industries. I use crop simulation modelling (APSIM) and stakeholder participatory research techniques to conduct qualitative and quantitative assessments of impact and adaptation. I have worked at the individual enterprise level (i.e. farm, livelihood), whole of industry, landscape and national levels. A systems approach enables me to address the challenge of applying science, combined with community and industry knowledge, to ensure the social, economic and environmental sustainability of agricultural ecosystems in the face of multiple drivers, including climate change.

My present research involves an assessment of vulnerability of rural stakeholders in the Pacific to climate change and a review of current adaptation research conducted in the Mekong River Basin, Asia. Both of these projects aim to inform policy-makers regarding investment strategies for climate change adaptation R&D programs. Recent publications include a Discussion Paper for The World Bank on *Climate Change Response Strategies for Agriculture: Challenges and Opportunities for the 21st Century*.