

# Adam H. Sparks

## experience

2016–Present	<b>University of Southern Queensland</b> Toowoomba, Queensland, AUS	Associate Professor
2012–2015	<b>International Rice Research Institute</b> Los Baños, Laguna, PHL	Scientist I
2011–2012	<b>International Rice Research Institute</b> Los Baños, Laguna, PHL	Post-Doctoral Fellow
2009–2010	<b>Kansas State University</b> Manhattan, Kansas, USA	Post-Doctoral Research Associate
2002–2004	<b>University of Nebraska-Lincoln</b> Lincoln, Nebraska, USA	Research Technologist
2000–2003	<b>University of Nebraska-Lincoln</b> Clay Center, Nebraska, USA	Research Technician
1999–2000	<b>Purdue University</b> West Lafayette, Indiana, USA	Assistant Director
1997–1999	<b>Purdue University</b> West Lafayette, Indiana, USA	Research Technician

## contact

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## web

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## skills

GIS  
modelling  
agricultural statistics

## education

2009	<b>Ph.D. Plant Pathology</b> Epidemiology and Ecology of Plant Pathogens <b>Dissertation:</b> <i>Disease risk mapping with metamodels for coarse resolution predictors: global potato late blight risk now and under future climate conditions</i>	Kansas State University, Manhattan, Kansas, USA
2007	<b>Post Graduate Certificate</b> Geography Geographic Information Science	Kansas State University, Manhattan, Kansas, USA
2000	<b>B.Sc. Agronomy</b> Soil and Crop Management	Purdue University, West Lafayette, Indiana, USA

## selected publications

### previous five years

Spatial modelling of rice yield losses in Tanzania due to bacterial blight and leaf blast in a changing climate

Confidence D, A H Sparks, S Zwart  
*Climatic Change* (Accepted 2015)

Decision tools for bacterial blight resistance gene deployment in rice-based agricultural ecosystems

S G Dossa, A H Sparks, C M Vera Cruz, R Oliva  
*Frontiers in Plant Science* 6.305 (2015). DOI: 10.3389/fpls.2015.00305

Farmers' preference for rice traits: Insights from farm surveys in Central Luzon, Philippines, 1966–2012

A G Laborte, N C Paguirigan, P F Moya, A Nelson, A H Sparks, G B Gregorio  
*PLOS ONE* e0136562 (Aug. 2015). DOI: DOI:10.1371/journal.pone.0136562