

Adam H. Sparks

Plant Disease Management Specialist@IRRI

skills

GIS
modelling
agricultural statistics

contact

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experience

- since 2012 **International Rice Research Institute** Los Baños, Philippines Scientist I
Develop tools and strategies for farmers to use in addressing rice diseases
- 2011-2012 **International Rice Research Institute** Los Baños, Philippines Post-Doctoral Fellow
Linked plant disease models with GIS tools
- 2009-2010 **Kansas State University, Manhattan, Kansas** Post-Doctoral Research Associate
Developed and refined predictive Fusarium head blight models for wheat
- 2002-2004 **University of Nebraska-Lincoln, Lincoln, Nebraska** Research Technologist
Managed maize and soybean plant pathology extension field research
- 2000-2003 **University of Nebraska-Lincoln, Clay Center, Nebraska** Research Technician
Managed maize and sorghum plant pathology extension field research
- 1999-2000 **Purdue University, West Lafayette, Indiana** Assistant Director
Coordinated training events for Purdue Diagnostic Training and Research Center
- 1997-1999 **Purdue University, West Lafayette, Indiana** Research Technician
Managed soybean and canola production research studies

education

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

selected publications

professional certifications

PRINCE2 Foundation (2014) candidate number: P2R/009385 – HiLogic Pty Ltd.

professional affiliations

American Phytopathological Society (APS)
Australasian Plant Pathology Society (APPS)
International Society of Plant Pathology (ISPP)
International Association for the Plant Protection Sciences (IAPPS)