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GIS
modelling
R programming

- Wide ranging career demonstrating consistent success both in an non-profit international NGO and academia.
- Experience in conceptualising projects through successful grant applications, project management and attaining desired results.
- Extensive background of experiences in working with diverse partners.
- Broad experience in effective communication ranging from peer-reviewed journal articles to extension presentations and popular press.

2016–Present	Toowoomba, Queensland, AUS	Associate Professor
2012–2015	Los Baños, Laguna, PHL	Scientist I
2011–2012	Los Baños, Laguna, PHL	Post-Doctoral Fellow
2009–2010	Manhattan, Kansas, USA	Post-Doctoral Research Associate
2002–2004	Lincoln, Nebraska, USA	Research Technologist
2000–2003	Clay Center, Nebraska, USA	Research Technician
1999–2000	West Lafayette, Indiana, USA	Assistant Director
1997–1999	West Lafayette, Indiana, USA	Research Technician

2009	Plant Pathology Epidemiology and Ecology of Plant Pathogens Disease risk mapping with metamodels for coarse resolution predictors: global potato late blight risk now and under future climate conditions	Kansas State University, USA
2007	Geography Geographic Information Science	Kansas State University, USA
2000	Agronomy Soil and Crop Management	Purdue University, USA

Crop health and its global impacts on the components of food security

S. Savary, S. Bregaglio, L. Willocquet, D. Gustafson, D. Mason D'Croz, A. Sparks, N. Castilla, A. Djurle, C. Allinne, Mamta Sharma, V. Rossi, L. Amorim, A. Bergamin, J. Yuen, P. Esker, Neil McRoberts, J. Avelino, E. Duveiller, J. Koo, K. Garrett

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A. H. Sparks

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

C. Duku, A. H. Sparks, S. J. Zwart

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Climate change may have limited effect on global risk of potato late blight

A. H. Sparks, G. A. Forbes, R. J. Hijmans, K. A. Garrett

Global Change Biology 20.12 (May 2014) pp. 3621–3631. Wiley-Blackwell. DOI: *10.1111/gcb.12587*

A review on crop losses, epidemiology and disease management of rice brown spot to identify research priorities and knowledge gaps

M. K. Barnwal, A. Kotasthane, N. Magculia, P. K. Mukherjee, S. Savary, A. K. Sharma, H. B. Singh, U. S. Singh, A. H. Sparks, M. Variar, N. Zaidi

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Taking transgenic rice drought screening to the field

A. C. M. Gaudin, A. H. A. H. Sparks, I. H. Slamet-Loedin

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An economic assessment of the impact of mango pulp weevil on the agricultural sector of Palawan, Philippines

J. D. Mckinley, A. H. Sparks, V. O. Pede, B. Duff

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