



Australian Government

Cotton Research and
Development Corporation

TRAVEL, CONFERENCE or SCIENTIFIC EXCHANGE REPORT 2017

Part 1 - Summary Details

Please use your TAB key to complete Parts 1 & 2.

CRDC Project Number: RRDP1810

Project Title: *Accelerating Precision Agriculture to Decision Agriculture*
– Travel: Presentation at Research Data Alliance, Interest Group on Agricultural Data, Berlin Germany and Presentation at International Precision Ag Conference, Montreal, Canada

Project Commencement Date: 7/3/2018 **Project Completion Date:** 29/6/2018

CRDC Research Program: Choose an item.

Part 2 – Contact Details

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Supervisor: (Name & position of senior scientist overseeing the project.)

Organisation:


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Signature of Research Provider Representative:


28/8/18
Professor Andrea Bishop
Director Office for Research
Griffith University

Date Submitted:

Part 3 – Travel, Conference or Scientific Exchange Report

(Maximum two pages)

1. A brief description of the purpose of the travel.

The purpose of this travel was to showcase to technical experts internationally, the whole of agricultural industry research that has been done as part of the Precision to Decision grant, particularly the legal and regulatory aspects of agricultural data governance. To this end, travel was undertaken to attend and present papers at 2 international conferences:

- (i) Research Data Alliance, Interest Group meeting on Agricultural Data at the 11th Plenary Meeting, Berlin, Germany (19-23 Mar 2018)
- (ii) 14th International Conference on Precision Agriculture, Montreal Canada (24-27 Jun 2018)

2. What were the:

a) major findings and outcomes

Currently, the legal and regulatory frameworks around agricultural data are immature. Around the world, many groups are grappling with how best to manage agricultural data and what best practice would look like for the governance of agricultural data which would enable producers to capture the value of their data and for agricultural industries to foster and support digital innovation. The aim of this international travel exchange was to disseminate the research findings of the Legal Dimensions of Digital Agriculture research funded as part of the P2D project as well as provide the opportunity to network and collaborate with researchers working on the agricultural data governance internationally. Interestingly, from the discussions at both conferences in Canada and Europe, it became clear that Australia was shown to be leading the discussion on agricultural data governance in the international context and this was largely due to the work that was funded under the P2D research project.

Two international conference papers were presented:

- 1. *“Embedding the F.A.I.R principles into a National Agricultural Data Framework: An Australian Perspective”* (L Wiseman, co-authored with J Sanderson) at the meeting of the *Interest Group on Agricultural Data (IGAD) of RDA*. Paper presented at the 11th Plenary of Research Data Alliance (RDA): *From Data to Knowledge*, 21-23rd March 2018, Berlin, Germany
- 2. *“Encouraging Farmer “Buy-in by building trust in data sharing”* (L Wiseman, co-authored with Jay Sanderson). Paper presented at the 13th International Conference on Precision Agriculture (ICAP) in Montreal, Canada on 24-27 June 2018, Montreal Canada.

This Travel Exchange achieved the aim of exposing our Australian research on data governance to international experts. As a result of the conference presentation, as a number of networking opportunities were pursued with potential international collaborators. These meetings have already laid the basis for some potential international collaborations with the international agricultural research community around data governance that will benefit Australian agricultural industries. From my presentation at IGAD, I was approached by the FAO, to join and lead 1 day of a 5-day international *E-Consultation of ethical, legal and policy aspects of open data affecting farmers* (from 4-8th June 2018) and to join in an *International Working Party on the Legal, Policy and Ethical Aspects of Data for Farmers*. This provided the opportunity to showcase the work that was being done in Australia and to connect with organisations who are also grappling with similar issues. Collaboration with Canadian research institutions was also fostered through conference presentations. This provides an important network to draw upon as Australia seriously considers the best way to guide Agricultural data policy and practice.

b) other highlights

N/A

3. Detail the persons and institutions visited, giving full title, position details, location, duration of visit and purpose of visit to these people/places. (NB:- Please provide full names of institutions, not just acronyms.)

I attended the 11th Plenary Research Data Alliance (RDA): *From Data to Knowledge*, 21-23 March 2018, Berlin, Germany and the 13th International Conference on Precision Agriculture (ICAP) in Montreal, Canada on 24-27 June 2018, Montreal Canada.

I met with numerous academics, industry and Governmental representatives at each conference and have been invited to continue to work collaboratively with them via skype and email.

4. a) Are there any potential areas worth following up as a result of the travel?

I intend to continue to work on develop best practice in agricultural data governance and will draw up on the international networks developed as part of this exchange, particularly with the Canadian academics working on similarly issues.

b) Any relevance or possible impact on the Australian Cotton Industry?

The Australian Cotton industry will benefit from the knowledge acquired on agricultural data governance from the international context as research work will continue on developing ag data policy and practice, as it adopts and implements a digital strategy for the Australian Cotton Industry.

5. How do you intend to share the knowledge you have gained with other people in the cotton industry?

I am presenting at the Australian National Cotton Conference on Ag Data governance issues such as Privacy, Security and Trust issues in August 2018. I have also submitted a short article from the conferences into the *Society of Precision Agriculture Journal*.

Please email your report 30 days after travel/conference to: research@crdc.com.au