
WUN Responding to Climate Change workshop 20-22nd May 2018

Meeting supported by Worldwide Universities Network (WUN Global Challenge Steering Group Fund 2017)

Worldwide Universities network (WUN) partner institutions

Context and previous work

The workshop will look at the extensive work and successes achieved by the Global Farm Platform Group in sustainable animal and plant food production.

Workshop on Water for sustainable food, renewable energy and biodiverse ecosystems under a changing climate, May 2018

This workshop is open to all those interested in the Responding to Climate Change thematic area of WUN and we welcome your participation.

As part of this workshop we will look at the extensive work and successes achieved by the Global Farm Platform Group in sustainable animal and plant food production. We will also explore other successful initiatives which link to sustainable agriculture, such as the water-energy-food nexus and implications for the environmental livelihood security of smallholder farmers. Linking to these topics we will have a series of keynote speakers who will provide stimulating presentations on research and initiatives regarding sustainable food, renewable energy and biodiverse ecosystems under a changing climate. Finally, we look to include new ideas and topics for the future strategic direction of the WUN theme which complement existing research successes and contribute towards future global climate change and environmental sustainability targets. The workshop will include a trip to the UWA Future Farm.

Themes for day 2 and 3 workshop directly preceding the WUN-AGM 2018 at the University of Western Australia include:

- Future Farm Platform
- Blue Economy
- Clean Energy Production
- Plastic and waste
- Policy impact
- Water-energy-food security and livelihoods

Outcomes

Expected outcomes include -

- Review of ongoing projects and alignment of current relevant interdisciplinary group to the new RCC strategy.
- Identification of funding opportunities and creation of smaller working group to work on specific proposals
- Co-authored Conversation articles, potentially with a regional focus

Contact details

Prof Mark Eisler, Chair in Global Farm Animal Health, University of Bristol

Prof Graeme Martin, School of Agriculture and Environment, University of Western Australia

Professor Peter Davies, Foundation Director and Professor of Freshwater Ecology of the Centre of Excellence, University of Western Australia

Dr Ellie Biggs, School of Agriculture and Environment, University of Western Australia

Debra Mullan, Project Officer, Institute of Agriculture, University of Western Australia

Sunday 20th May 2018

Visit UWA Farm Platform UWA Farm Ridgefield - Future Farm 2050 Project The UWA Institute of Agriculture

Please meet in the Pan Pacific Hotel Lobby (207 Adelaide Terrace, Perth to 167 Page Rd, West Pingelly) at 07:45

Before you attend the field visit at UWA Farm Ridgefield, please note the following:

- Be sure to bring a water bottle, hat, appropriate footwear and clothing, and weather protection as required. Closer to the date, please check the current forecast for Pingelly at the following website and ensure you have appropriate clothing: (<http://www.bom.gov.au/places/wa/3Q19/>).
- If visiting other farms prior to Ridgefield please ensure personal footwear are free from biological hazards e.g. animal faeces, weeds, etc.
- Phone service is limited in regional Western Australia
- Smoking is PROHIBITED on the farm.
- Participants will also be provided with a safety induction en route to Ridgefield.

08:00 Sharp	Bus departs Pan Pacific Hotel for UWA Farm Ridgefield
10:30 - 11:15	Arrive at UWA Farm Ridgefield Welcome to Country ceremony, <i>Mr Mervyn Abraham and Mr Gary Bennell - Local Indigenous Elders</i> Tea/coffee
11:15 - 11:45	Future Farm 2050 Project Overview <i>Professor Graeme Martin, UWA School of Agriculture and Environment and Institute of Agriculture</i>
11:45 – 12:15	Native Australian Shrubs – Feed, Shelter, Methane <i>Professor Phil Vercoe, UWA School of Agriculture and Environment and Institute of Agriculture</i>
12:15 –12:45	Dams and Water for Agriculture <i>Professor Graeme Martin, UWA School of Agriculture and Environment and Institute of Agriculture</i>
12:45 – 13:45	Lunch at Avery’s Shearing Shed <i>Including drone presentation by PhD candidate Bonny Stutsel, UWA School of Agriculture and Environment</i>
13:45 -14:15	Ecosystem Restoration in Agriculture <i>Dr Blair Parsons, Greening Australia</i>
14:15	Bus departs UWA Farm Ridgefield for Pan Pacific Hotel, Perth
16:45	Arrive at Pan Pacific Hotel, Perth
19:00	Workshop Dinner at Holmes and Co, 4/329 Murray St, Perth Cost: <i>Free for workshop participants, however, <u>registration is essential</u></i> Getting there from Pan Pacific: <ol style="list-style-type: none"> 1. On foot – approx. 20 minutes’ walk 2. By bus – Walk 200m to the Hay Street Perth Mint (Stop 16909), catch the free Red Cat 6. Alight at Wellington Street/Forrest Place (Stop 12924). Walk 200m to the restaurant. Contact: <i>Name Debra Mullan +61 412 912 095</i>

Monday 21st May 2018 – University Club Western Australia

08:15 Bus departs from Pan Pacific Hotel for University Club Western Australia

Morning dedicated to review the Farm Platform project and future steps for the project

	<p><i>Chairs: Professor Michael Lee, Bristol and Professor Graeme Martin, UWA</i></p> <p><i>This session will be closely linked to Sunday's field trip to the UWA Future Farm. During the visit, delegates will cover the crops, livestock, ecosystem and people that are at the centre of the Global Farm Platforms. This session will introduce new topics that could change the way many people think about agriculture and food.</i></p>
09:00 - 09:30	<i>Dr Blair Parsons, Greening Australia</i>
09:30 – 10:15	<i>Dr Benoit Dedieu, INRA, France</i>
10:15 – 10:45	Break
10:45 - 11:15	<i>Professor Michael Lee, University of Bristol / Rothamsted Research</i>
11:15 – 11:45	<i>Dr Deirdre O'Connor, University College Dublin</i>
11:45 – 12:00	Summary of discussion
12:00 -13:00	Lunch
	<p>Water-energy-food research for sustainable development policy under a changing climate</p> <p><i>Chairs: Dr Ellie Biggs and Professor Peter Davies, UWA</i></p> <p><i>This session will showcase the work of these organisations in terms of water-energy-food research projects contributing to addressing climate change impacts. The speakers will provide specific examples of how policy in this arena is being effectively influenced by research outputs, especially for helping to address the Sustainable Development Goals. The workshop delegation will have time to ask questions following each presentation. During the open discussion we hope to draw out any emergent themes which seem key to the success of WEF research influencing sustainable development policy under a changing climate.</i></p>
13:00 – 13:45	<i>Dr Anik Bhaduri, Executive Director, Sustainable Water Future Programme</i>
13:45 – 14:30	<i>Dr Chayanis Krittasudthacheewa, Deputy Director, Stockholm Environment Institute Asia</i>
14:30 – 15:15	Coffee Break
15:15 – 16:00	<i>Shirin Malekpour, Interdisciplinary Research Coordinator, Monash Sustainable Development Institute</i>
16:00 – 17:00	Open discussion for all the delegation – emergent themes
17:15	Transfer to Pan Pacific Hotel, Perth
Tuesday 22nd May 2018 - University Club Wester Australia	
08:15 Bus departs from Pan Pacific Hotel for University Club Western Australia	
	<p>Cafeteria Discussion Groups</p> <p><i>Chairs: Professor Om Parkash Dhankher, UMass and Professor Andreas Neef, University of Auckland</i></p> <p><i>This interactive session aims to map and identify expertise available across the network, identify any gaps and explore new area of possible research such as: Blue Economy and Marine Systems; Energy; Climate Change and Forced Migration and Plastic Production environmental impact. Delegates will be divided in three groups and will need to focus on the following topics: <u>People and Departments</u>, <u>Projects and research Interests</u>, <u>Funding Opportunities</u>. The groups will move to a different topic every 20 minutes.</i></p>
09:00 – 10:00	<p>Cafeteria Discussion Groups and Future Directions</p> <p><i>Delegates are invited to share relevant expertise, current projects and funding opportunities available at the home institution or country.</i></p>
10:00 – 11:00	Coffee Break
11:00 – 12:00	Q&A session and discussion of results
12:00 - 13:00	Lunch
13:00 - 14:00	Review of Position Statement based on morning session results– emerging themes
14:00 - 14:15	Coffee Break

14:15 - 16:00	Review of Position Statement – emerging themes Review of opportunities for funding, developing further collaborative projects, opportunities for early career researchers
16:15	Transfer to Pan Pacific Hotel, Perth