

8th GFRAS Annual Meeting

Hinchinbrook area program

Date		Friday 8th September
Programs		Regional meetings/ Side events– if needed only, tbc
Place		TYTO CONFERENCE CENTRE
Morning	8.00 AM – 9.30 AM	Asia-Pacific Island SAAS Regional Networking Conference Asia- Pacific Islands Rural Advisory Services (APIRAS) Network, Dr. Virginia R. Cardenas JACANA ROOM
	9.30 AM – 10.00 AM	MORNING BREAK – Garden Terrace
	10.00 AM – 12.00 M/D	Asia-Pacific Island SAAS Regional Networking Conference Asia- Pacific Islands Rural Advisory Services (APIRAS) Network, Dr. Virginia R. Cardenas JACANA ROOM
Noon	12.00 M/D – 13.00 PM	LUNCH – Garden Terrace
Afternoon	13.00 PM – 17.00 PM	Professionalisation of RAS: Where to from here GFRAS Consortium on Extension, Education and Training, Hlamalani Ngwenya JACANA ROOM
	15.00 PM– 15.30 PM	AFTERNOON BREAK – Garden Terrace
	15.30 PM – 17.00 PM	Professionalisation of RAS: Where to from here GFRAS Consortium on Extension, Education and Training, Hlamalani Ngwenya JACANA ROOM
Evening	17.00 PM onwards	Free evening (dining around Hinchinbrook area)

Date		Saturday 9th September
Programs		
Place		TYTO CONFERENCE CENTRE
Morning	8.00 AM – 9.30 AM	<p>The New Extensionist Learning Kit no longer a dream, but a reality GFRAS Consortium on Extension, Education and Training, Hlamalani Ngwenya</p> <p>JACANA ROOM</p> <p>Youth empowerment through access to agriculture information Anju Mangal and Peter Walton, Pacific Community (SPC) and Consultancy</p> <p>JABIRU ROOM</p>
Delegate Tour Option A	8.00 AM – 12.00 M/D	8.00 am -12.00 MD Lucinda Bulk Sugar Terminal Tour (See details below)
	9.30 AM – 10.00 AM	MORNING BREAK – GARDEN TERRACE
	10.00 AM – 12.00 M/D	<p>The New Extensionist Learning Kit no longer a dream, but a reality GFRAS Consortium on Extension, Education and Training, Hlamalani Ngwenya</p> <p>JACANA ROOM</p> <p>Youth empowerment through access to agriculture information Anju Mangal and Peter Walton, Pacific Community (SPC) and Consultancy</p> <p>JABIRU ROOM</p>
Noon	12.00 M/D – 13.00 PM	LUNCH – GARDEN TERRACE
Afternoon	13.00 PM – 15.00 PM	<p>The New Extensionist Learning Kit no longer a dream, but a reality GFRAS Consortium on Extension, Education and Training, Hlamalani Ngwenya</p> <p>JACANA ROOM</p> <p>Expanding the AGRiverse through Youth (closed Workshop) Alpha Sennon, WHYFarm</p> <p>JABIRU ROOM</p>
Delegate Tour Option B	13.00 pm – 17.00 pm	Wallaman Falls Tour (See details below)
	15.00 PM – 15.30 PM	AFTERNOON BREAK- GARDEN TERRECE
	15.30 PM – 17.00 PM	<p>The New Extensionist Learning Kit no longer a dream, but a reality GFRAS Consortium on Extension, Education and Training, Hlamalani Ngwenya</p> <p>JACANA ROOM</p> <p>Expanding the AGRiverse through Youth (closed Workshop) Alpha Sennon, WHYFarm</p> <p>JABIRU ROOM</p>

Date		Sunday 10th September
Programs		Thematic Component: Rural Advisory Services and Empowered Youth for balanced transformation of Rural and Urban communities
Place		TYTO CONFERENCE CENTRE
Morning	8.30 AM – 9.30 PM	<p>Official Opening</p> <ul style="list-style-type: none"> ○ Rasheed Sulaiman, GFRAS Chair ○ Welcome to conference Lawrence Di Bella, Conference Convenor ○ Welcome to country- TO representative ○ Entertainment ○ Meeting agenda and logistics ○ Meet the participants <p>JACANA ROOM</p>
	9.30 AM - 10.15 AM	<p>Keynote:</p> <p>RAS and empowered youth for balanced transformation of Rural and Urban communities</p> <p>Elske Van der Fliert Director of the Centre for Communication and Social Change University of Queensland, Australia</p> <p>JACANA ROOM</p>
	10.15 AM - 10.45 AM	MORNING BREAK - PIAZZA
	10.45 AM - 11.45 AM	Shift and Share
	11.45 AM - 12.30 PM	Reflection Session with Regina Birner and group work
Noon	12.30 PM - 14.00 PM	LUNCH – PAPERGROVE
Afternoon	14.00 – 15.00	<p>Panel discussion: Learnings and insights from the regions:</p> <p>Jan Helsen, Director Land Resources Division, The Pacific Community (SPC) Jim Leandro Cano, YPARD Representative for the Philippines Mercy Akeredolu, AFAAS Board Member, Nigeria Alvaro Parrado Barbosa, National University, Colombia</p>

	<p>15.30-17.30 (with individual coffee breaks in PIAZZA)</p>	<p style="text-align: center;">Parallel workshops on different topics</p> <p>Parallel Session 1: JACANA ROOM The role of RAS in empowering youth for sustainable rural-urban transformation.</p> <p>Presentations:</p> <ul style="list-style-type: none"> • Youth for Employment and Livelihood in Agriculture, Sonny Lameta, Samoa • The Importance of Family Processes for Behaviour Change, Fernando ManzoRamos, Mexico • Poverty Reduction Projects for Women and Youth, Amira Mahmoud, Egypt • Mentoring Rural Youth 2017 Programme: Attracting and Retaining Youth in Agriculture, Mahesh Chander, India • Niger Delay Youth Training and Empowerment in Agriculture: Illusion and Solution, Mohammed Iliyasu, Nigeria
		<p>Parallel Session 2 MONARCH WHISTLER ROOM</p> <p>The role of youth in strengthening RAS to be more inclusive, context-sensitive and demand-driven for all in the processes or rural-urban transformation</p> <p>Presentations</p> <ul style="list-style-type: none"> • Growing to Lead- Building the capacity of young professionals to integrate gender and nutrition into RAS, Maria Jones, India • Youth in RAS, Alpha Sennon, Trinidad and Tobago • Youth in RAS: Sustainable Catalyst for an Inclusive and Oriented Community Transformation, Marc Ghislain Bappa Se, Cameroon
		<p>Parallel Session 3 JABIRU ROOM</p> <p>RAS, youth and rural-urban, urban-rural migration patterns</p> <p>Presentations</p> <ul style="list-style-type: none"> • Creating a vision for ruallivelhoods through participator video – an experiment with you in Timor Leste, Elske Van der Fliert, Australia • Addressing Rural Youth Migration through the Nigerian N-Power-Agro initiative for a balanced rural-urban development, Margaret Koyenikan Nigeria • Increasing the economic prospects of young people in the rural areas of the Solomon Islands, Hika Joseph, Solomon Islands
<p>Evening</p>	<p style="text-align: center;"><u>17.45</u></p> <p style="text-align: center;"><u>18.00-21.00</u></p>	<p style="text-align: center;"><u>Buses depart Tyto Conference Centre for dinner venue</u></p> <p style="text-align: center;"><u>Cultural Evening & Dinner</u> Mungalla Aboriginal owned Cattle Station</p> <p>Inputs:</p> <ul style="list-style-type: none"> • Jeannette Long, APEN President • Queensland Government Rep • Welcome to country- Jacob Cassady <p>*Entertainment:</p> <ul style="list-style-type: none"> - The Mungalla aboriginal community - Ingham Theatre Group (Ghost stories of the Ingham area). - Horse and carriage rides

Date		Monday 11th September
Programs		Functional component: Strengthening Advocacy capacities of Regional Networks and Country Fora
Place		TYTO CONFERENCE CENTRE
Morning	8.30 AM – 9.30 AM	Wrap-up of day 1 JACANA ROOM ALL DAY
	9.30 AM – 10.30 AM	Strengthening advocacy capacities of networks: <ul style="list-style-type: none"> • Introduction and presentation of capacity assessment results, Kevan Lamm, LR Brand, USA • Insights into lessons learnt on advocacy capacities by APEN, Jeanette Long, Australia • Insights into lessons learnt on the role of Country For a for the advocacy capacities of regional networks, Max Olupot, Uganda
	10.30 AM - 11.00 AM	MORNING BREAK - PIAZZA
	11.00 AM – 11.30 AM	Advocacy 101: How to do advocacy <ul style="list-style-type: none"> • Hlami Ngwenya, GFRAS Consultant
	11.30 AM – 12.30 PM	Prepare for the peer learning open space session on strengthening advocacy capacities of regional networks
Noon	12.30 PM – 14.00 PM	LUNCH - PAPERGROVE
Afternoon	14.00 – 15.30	Peer learning on strengthening advocacy capacities of regional networks: Open Space Session
	15.30 PM – 17.00 PM (including individual coffee breaks in PIAZZA)	Conclusions and development of Roadmap within different networks, including pitch in plenary
	17.00 PM – 17.30 PM	Farewell from Hinchinbrook Conclusions of the Ingham part of the GFRAS meeting Annual Meeting – Virginia Cardenas, APIRAS representative and GFRAS Steering Committee Member Note from Hinchinbrook: Mayor Raymon Jayo (Hinchinbrook Shire)
Evening		Free evening for those accommodated in Hinchinbrook area (Dining around Hinchinbrook area) / or Travel to Townsville for those attending particular field trips on Tuesday with APEN.

APEN International Conference

Townsville area program

Date	Tuesday 12th September	
Programs	APEN-GFRAS combined field trips and side events/transport to Townsville from Hinchinbrook	
Morning	<u>½ day field trips</u>	
Afternoon	<u>½ field trips</u>	<u>Full day field trips</u> Field trips listed below Rethinking Agricultural "Practice Change Workshop" Ballroom 2 14.00-17.00
Evening	<u>Registration for APEN and Networking cocktail</u> Ballroom 1 & Foyer 18.00 PM – 20.00 PM	

PLEASE NOTE: THAT ALL DELEGATES GOING ON FIELD TRIPS THAT ARE OUTSIDE ARE REQUIRED TO WEAR LONG SLEEVE SHIRT, LONG PANTS, HAT AND CLOSED IN FOOTWEAR (PPE).

Tuesday the 12th of September field trips Please location of pick up sites and times. Delegates will have received a confirmation of their participation at field trips prior to the meeting.

Option 1. **As sweet as sugar**-visit to the Herbert dryland sugarcane growing region to view first hand agricultural extension services in action, with a focus on production and natural resource management (limited to 50 attendants). Visit a working sugar mill on this tour. Lunch at Ingham. Departure time from Ville, Townsville 8.00/ Tyto conference centre, Ingham 9.30 and return 17.30 into Townsville. Sponsored by Wilmar Sugar and Herbert Cane Productivity Services Limited.

Option 2. **Irrigated agriculture**- visit the Burdekin Irrigation Area. View first hand agricultural extension services in sugarcane, rice, pulse crops, and horticulture (limited to 50 attendants). Lunch at Ayr or Brandon. Departure time from Ville, Townsville 8:30 and return 17.00. Sponsored by NQ Dry Tropics NRM and Burdekin Productivity Services.

Option 3. **Natural Resource Management**- visit the Hinchinbrook Shire region to view first hand a Landcare project at Insulator Creek, feral pig management, activities in the Herbert sugarcane area specific to NRM management and (limited to 50 attendants). Departure time from Ville, Townsville 8:00am/ Tyto conference centre, Ingham 9.30 and return 17.30 into Townsville. Sponsored by Terrain NRM and the Herbert River Catchment Landcare Group.

Option 4A. **Extension and the Great Barrier Reef**- visit the Australian Institute of Marine Science (south of Townsville) (limited to 20 attendants). Departure time from Ville, Townsville 7.30 and return 11.30. Lunch venue: At ANZAC Park, The Strand. Supported by AIMS.

Option 4B. **Extension and the Great Barrier Reef**- visit the Great Barrier Reef Marine Park Authority and Reef HQ (limited to 20 attendants). Departure time from Ville, Townsville 12.00pm and return 4:30pm. Delegates will need to cover the cost of entry into Reef HQ themselves. Lunch venue: At ANZAC Park, The Strand.

Option 5. **Extension in grazing**- supporting sustainable beef enterprises- visit grazing properties to view first hand research, development and extension activities in this industry (limited to 25 attendants). Departure time from Ville, Townsville 8.30am and return 17.30. Lunch venue – Spyglass Beef Research facility. Bus trip organised by Queensland Department of Agriculture and Fisheries.

Option 6. **Education and health**- Tropical Public Health Unit (TPHU) in Townsville and James Cook University (limited to 15 attendants). Depart the Ville, Townsville 8.30 and return 12.00. Lunch venue: At ANZAC Park, The Strand. Sponsored by JCU.

Option 7. **Gone tropo**-visit to the Herbert dryland sugarcane, melon and pineapple farming. View first hand agricultural extension services in action, with a focus on production and technology (limited to 50 attendants). Lunch at TBA. Departure time from Ville, Townsville 8.30 and return 15.00. Sponsored by Wilmar Sugar and supported by Queensland Department of Agriculture and Fisheries.

Option 8. **Engaging youth**- visit 2 secondary schools in the Ingham region to view first hand trade training facilities used for agriculture and industrial training. The tour will also visit a site where Greening Australia, Conservation Volunteers Australia, the local Catchment Landcare and traditional are working together in the Palm Creek system to restore riparian areas and improve environmental outcomes. Lunch at one of the schools. Departure time from Ville, Townsville 8.00/ Tyto conference centre, Ingham 9.30 and return 17:30 into Townsville. Sponsored by Terrain NRM and supported by Queensland Department of Agriculture and Fisheries.

Half day workshop

Rethinking Agricultural "Practice Change" 14.00-17.00 (including afternoon tea) Ball Room 3, The Ville Resort-Casino, Townsville

Audience: The workshop is open to all attendees of the GFRAS-APEN conference. Please note that the workshop is capped at 25 participants.

Registration: Please email Mittul Vahanvati (mittul.vahanvati@rmit.edu.au) to register. The event is part of the GFRAS-APEN conference and participants also need to be registered for the conference. Please select as part of your registration.

Overview:

Although sometimes referred to as *practice* change, agricultural extension has conventionally focused on individuals' decisions and behaviours, even if such individuals are understood in the context of wider systems. Such an approach usefully emphasises the uniqueness and context-specificity of every farming member. Yet, it also risks obscuring the common social aspect – the deeper, shared character - of some of the core activities that any individual partakes in. In an effort to avoid such reductionism, resultant efforts often tip too far the *other* way to focus instead on structural elements that individuals seem to have little control over.

A potential way around this conundrum is offered by social practice theory (SPT). Used in numerous other fields (e.g. public health, sustainability), SPT offers an analytically and practically useful way of working with individuals without atomising them. Practices refer to the basic activities that make up society and specific ways of going about them. Emerging from the intersection of materials, skills and meanings, practices are dynamic, recognisable and deliberate activities such as cooling, reporting, directing, and caring. Resonant with but distinct from existing work in the agricultural extension literature, a SPT approach highlights more of the physical, social, and tacit aspects of everyday life and work than normally accounted for in typical behaviourist frameworks. It also suggests a range of new possible intervention points for those wanting to shift practices, such as adding new meanings or elements to existing practices, reviving lost practices, combining or synchronising them in new ways, or developing entirely new ones (eg "adapting to climate change").

This workshop will explore the potential of using SPT to rethink the practice side of agricultural practice change. It will introduce participants to SPT in order to explore together the possible insights the framework may (or may not) offer the agricultural extension community.

Wednesday 13th September	
Place:	'The Ville' Sir Leslie Thies Drive, Townsville
7.00 AM -8.00 AM	Registration
8.00 AM -10.00 AM	<p>Opening of APEN/Feedback from GFRAS Annual Meeting</p> <p>Master of Ceremonies – Mr Greg Shannon</p> <p>APEN President – Jeanette Long Feedback from the GFRAS Meeting – PIRAS representative Welcome to country- TO representative</p> <p>Keynote address – Dr Regina Birner (University of Hohenheim, Germany) "Governance challenges and gender issues in agricultural innovation systems in the developing world." <i>Ballroom 1 & 2</i></p>
10.00 AM -10.30 AM	MORNING BREAK – FOYER AREA
10.30 AM -12.30 PM	<p>Policy Round Table</p> <p>Chair:</p> <ul style="list-style-type: none"> - David Nielson, World Bank, GFRAS Steering Committee <p>Panellists:</p> <ul style="list-style-type: none"> - Pacific Islands Government Representation - Australian representative - Patrice Djamen, RESCAR-AOC/AFAAS - Jonjon Sarmiento, Farmers Representative - Alpha Sennon, Youth Representative <p>Discussants</p> <ul style="list-style-type: none"> - Madgalena Blum, FAO - Maria Briones, RELASER - Michel Evéquoz, SDC <p>Concurrent session 1 <i>Coral Sea 1</i> <u>Achieving production, productivity and profitability outcomes – Chair R. Milla</u></p> <p><i>The grower extension response to Panama disease tropical race 4 in north Queensland; Tegan Kukulies, Stewart Lindsay, Shane Dullahide, John Bagshaw, Sarah Simpson Naomi King & Tim Leibel</i></p> <p><i>New methods of delivering extension to Australian vegetable grower and advisors; Carl Larsen, Kelvin Montagu, Donna Lucas, Doris Blaesing, Anne-Maree Boland & Gordon Rogers</i></p> <p><i>Facilitating practice change to improve mango farmer livelihoods in the southern Philippines; Geoff Dickinson, Anna Notarte, John Oakshott & Ian Newton</i></p> <p><i>Impact of irrigation modernisation on farm performance and productivity; Rabi Maskey, Amjed Hussain, Rob O'Connor & Paul Price</i></p> <p><i>Innovative research & information delivery to ensure a resilient North Queensland avocado industry; Kaila Ridgway, Patrick O'Farrell, Geoff Dickinson, Simon Newett</i></p> <p><i>Behaviour change: It's all in the story; Beth Kyd</i></p> <p><i>Coral Sea 2</i> <u>Achieving production, productivity and profitability outcomes – Chair L. Carr</u></p> <p>Using Rice\$scenario to improve the business of rice growing; Leah Garnett, Gae Plunkett & Troy Mauger</p> <p>Benchmarking – is it the new black?; Lynelle Rood</p> <p>Grains Best Management Practices: delivering productivity outcomes for the central Queensland grains industry; Hayley Eames & Rod Collins</p> <p>Developing and testing an analysis framework for long-term fertiliser decisions: Deep-P Calculator; Jayne Gentry, Howard Cox, Andrew Zull, Jason Brider & James Hagan</p> <p>Benchmarking - a catalyst for change; Sara Willis & John Riley</p>

	Identifying grazing management practice adoption in a reef catchment; Peter Long & Emily Barbi
12.30 PM- 14.30 PM	LUNCH BREAK – FOYER AREA
12.30 PM – 14.30 PM	<p style="text-align: center;"><u>Farewell to GFRAS</u> <u>Share Fair, Poster session</u> Foyer area- all delegates</p> <p>Invitation only – Horticulture Innovation Australia luncheon. Sponsor Horticulture Innovation Australia. Coral Sea 1 – Chair B. Cairns</p>
14.30 PM-16.00 PM	<p>Concurrent session 2</p> <p><i>Ballroom 1</i> <u>Developing agricultural innovation systems</u> – Chair C. Stokes <i>Institutional linkages as basis for developing agricultural innovation systems in South Africa, Botswana and Nigeria; Idowu Oladele & Mercy Akeredolu</i> <i>The power of co: when to co-innovate to solve complex agricultural challenges?; Wendy Boyce MS Srinivasan</i> <i>Farmer participation and integrated RD&E: An innovative approach to increasing pasture consumption on Tasmanian dairy farms; Lydia Turner & Lesley Irvine</i> <i>“Fact or fake news? - integration of market engagement (ME) and farmer organisations (FO) into national extension systems in SEAsia; John G. Connell Peter Case & Michael Jones</i></p> <p><i>Ballroom 2</i> <u>Gender balance and affirmative action</u> – Chair D. Lucas <i>Gender mainstreaming and participation in shifting cultivation among Chakma tribe: A comparative study in selected areas of Bangladesh and India; Dipanwita Bhattacharjee, Md. Safiul Islam Afrad, Md. Enamul Haque, Aliyu Akilu Barau</i> <i>Filling the GAPP: supporting young and women farmers to Grow, Adopt, Produce and Profit; Linda Walters, Louisa Ferrier & Justine Severin</i> <i>Agricultures hidden resources flock to Tocal: Agricultural education putting women in the picture; Jill Clayton & Carol Rose</i> <i>Sharing the load: improving technical skills and competencies of women on farms; Zoe Creelman</i></p> <p><i>Coral Sea 1</i> <u>Designing and planning extension</u> – Chair D. Pollock <i>Co-innovation to improve performance of dairy farm systems in New Zealand; Ina Pinxterhuis, Sarah Dirks & Paul Edwards</i> <i>Skills for different farming systems – advisory support requirements for dairy farmers strategically adapting their farm system; Callum Eastwood Toni White, Jo Sheridan, Maitland Manning, Kim Mashlan</i> <i>VegNET: A new regional extension delivery framework for the Australian vegetable industry; Adam Goldwater, Bianca Cairns & Gordon Rogers</i> <i>An extension framework for the red meat sector in New Zealand; Denise Bewsell, Richard Fitzgerald, Matt McPaddon & Victoria Westbrooke</i></p> <p><i>Coral Sea 2</i> <u>Monitoring and evaluation</u> – Chair C. Coppo <i>Planning, monitoring and evaluating: Using M&E to bridge the gap between the researcher and research adoption; Helen Percy, Toni White, James Turner & Wendy Boyce</i> <i>Thriving or just surviving: social capital and resilience of long-term Landcare groups in Queensland; Ken Keith</i></p>

	<p><i>Pasture management and extension on Tasmanian dairy farms – who measures up?;</i> <i>Alison Hall, Lydia Turner, Lesley Irvine & Sue Kilpatrick</i> <i>Underlying causes for farm abandonment among small scale sugarcane growers in Mauritius; Toolsee Gunesh</i></p>
16.00 PM- 16.30 PM	AFTERNOON BREAK – FOYER AREA
16.30 PM - 18.00 PM	<p><u>Workshop sessions (GFRAS & APEN)</u></p> <ol style="list-style-type: none"> 1. Extension policy and direction- Greg Shannon, Peter Hanrahan, Malcolm Letts. Session chair- Graham Harris <i>Ballroom 1</i> 2. Running effective extension programs - Evan Shannon, Daryl Parker, Ruth Nettle, Warwick Waters. Session chair- Adam Royle <i>Coral Sea 1</i> 3. Using social media to engage and captivate your target audience – Jodie Ward. Session chair John James. <i>Coral Sea 2</i> 4. Rural Health The evolution and impact of a psychosocial support program in rural Tasmania, - Liz Little-Rural Health Chief Executive Officer – RAW Strengthening Rural and Remote health systems in Australia Prof Richard Murray - Dean of Rural Medicine - JCU Making pathology services more available to persons in remote regional locations - Dr Donna Rudd –JCU Session chair- Warren Hunt <i>Ballroom 2</i>
<i>Free evening</i>	

Thursday 14th September	
Place:	‘The Ville’ Sir Leslie Thies Drive, Townsville
8.00 AM – 16.30 PM	GFRAS steering committee meeting (invitation only)- venue: Ville Board room
8.00 AM -8.45 AM	<p style="text-align: center;">APEN Plenary Plenary [Ballroom 1 & 2]</p> <p style="text-align: center;">“Meeting consumer demands through BMP and extension activities” Keynote speaker: Matt Kealley – CANEGROWERS (Brisbane)</p> <p style="text-align: center;">Master of Ceremonies – Mr Greg Shannon</p>
9.00 AM -10.00 AM	<p><u>Concurrent session 3</u></p> <p><i>Ballroom 1</i> <u>Achieving production, productivity and profitability outcomes</u> - Chair L. Di Bella <i>Analysis of sugarcane mill data allows development of targeted adoption strategies to engage Herbert River region cane growers and improve productivity in the Herbert; J Stringer, I Asamoah, L Di Bella, M Sefton, R Neilson, G Holzberger, P Larsen & I Davies</i> <i>Integrated pest management strategies adopted by sugarcane growers in the Midlands South region of Kwazulu-Natal to counter an incursion of the African sugarcane borer (Eldana saccharina: Walker); Paul Botha</i> <i>The benefits to adoption of farm management practice changes through a grower led innovation project funded by government and supply chain partners; Andrew Rouse & Craig Davenport</i></p> <p><i>Ballroom 2</i> <u>Monitoring and evaluation</u> – Chair Carla Wegscheidl <i>Evaluate and learn: emerging relationships between scientists and evaluation; Toni White, Paula Blackett & MS Srinivasan</i> <i>Assessing the impact of Beyond Soilcare project: using a Goal Attainment Scaling Technique; Rabi Maskey, Helen Murdoch, Rebecca & Nick O’Halloran</i> <i>Crossing the Valley of Death: different perspectives on main-streaming the parasitoid E hayati into vegetable IPM systems; Sue Heisswolf, Siva Subramaniam & Verni Sivasubramaniam</i></p> <p><i>Coral Sea 1</i> <u>Building human and social capital and resilience</u> – Chair J. Long <i>Facilitating the strategic management of mixed-farming systems to build their resilience; Lauren Howard, Scott Glyde & Ian Gray</i> <i>Building and accessing social capital – How a farmer driven initiative influenced policy implementation; Heather Collins, Dave Gray, Janet Reid, Nicola Shadbolt & Liz Dooley</i> <i>The role of empowerment in farmer decision making about weed and invertebrate management; Jason Major</i></p> <p><i>Coral Sea 2</i> <u>Designing and planning extension</u> – Chair A. McLennan <i>Using behavioural science to bring about practice change adoption in the Queensland sugar cane industry; J.A Pickering, J. Hong & M. Kealley</i> <i>Constraints to liquid fertilizer usage in dry season vegetable production in the Southern Guinea Savannah Zone of Nigeria; Ivie Olaghere; Azeez Muhammad-Lawal; & Kemi Omotesho</i> <i>Utilising learning theory to focus nutrition extension activity; Kaara Klepper, Howard Cox, Chris Dowling , Julie White</i></p>
10.00 AM -10.30 AM	MORNING BREAK – FOYER AREA

<p>10.30 AM -12.00 MD</p>	<p><u>Concurrent session 4</u></p> <p><i>Ballroom 1</i> <u>Achieving Reef outcomes</u> – Chair R. Hobbs <i>'You can't manage what you can't measure'; nutrient sensing for improved monitoring and decision-making at the farm-water quality interface; Aaron Davis & Tom McShane</i> <i>Targeted extension leading to improvements in reef water quality; Adam Royle & Lawrence Di Bella</i> <i>Evaluating a new model for the integrated delivery of Reef water quality outcomes; Emily Maher, Geoff Park, Anna Roberts, Carole Sweatman & Adam Knapp</i> <i>Effective extension for the Wet Tropics sugar industry to ensure GBR water quality outcomes; Caroline Coppo, Daryl Parker & Donald Pollock</i></p> <p><i>Ballroom 2</i> <u>Designing and planning extension</u> – Chair D. Lucas <i>A multi-faceted approach to extension based on relationships and education; Rob Milla</i> <i>Action learning: increasing understanding, developing management strategies and contributing to research outcomes; Jayne Gentry & David Lawrence</i> <i>"Redi KAMODI" – Innovation Platform for the Development of Sustainable Cattle Management Systems in Timor-Leste; Elske van de Fliert, Quintiliano Belo & Nurul Hilmiati</i> <i>How Simon Sinek's Golden Circle can transform event planning; Chrissy Stokes</i></p> <p><i>Coral Sea 1</i> <u>Developing agricultural innovation systems</u> - Chair J. Sartor <i>Strengthening rural extension systems to facilitate community towards sustainable development goals: the case of rural Indonesia; Siti Amanah & Anna Fatchiya</i> <i>The next generation of biopesticides: an Agricultural Innovation Systems view; Kelly Rijswijk, Denise Bewsell, Maureen O'Callaghan & James A. Turner</i> <i>Enabling purposeful outcomes for the Tasmanian agriculture and food sector; Katherine Evans & Holger Meinke</i> <i>A case study of involving rural New Zealand vets in a public good extension programme; Neels Botha & Laurens Klerkx</i></p> <p><i>Coral Sea 2</i> <u>Achieving health & social outcomes</u> – Chair W. Hunt <i>Experiences in supporting primary producers' recovery from the Pinery bushfire, South Australia; Mary-Anne Young, Merri Tothill, Justine Drew & Lyn Dohle</i> <i>Dairying the choice career – the DairyNZ 'People Lift' Project; Terry Parminter, John Greer, & Lee Astridge</i> <i>Chicks in the Sticks – supporting rural women to lead in agriculture and natural resource management; Ashley Rogers & Tess Grieves</i> <i>Strategy for increasing seed rice (Oriza sativa l) group farmer in Eastern Lampung; Saleh, A, Putra, R., Purnaningsih, N., Wibowo, T, & Suhaeti, R</i></p>
<p>12.00 MD -13.00 PM</p>	<p style="text-align: center;">LUNCH Foyer area</p> <p style="text-align: center;">APEN AGM – Chaired by Jeanette Long, President <i>Ballroom 1</i></p>
<p>13.00 PM-14:00 PM</p>	<p><u>Concurrent session 5</u></p> <p><i>Ballroom 1</i> <u>Achieving reef outcomes</u> – Chair A. Royle <i>Using spatial datasets to help target and coordinate extension; Carla Wegscheidl & Phillip Trendell</i> <i>Reaching out to cane farmers on water quality: Utilising social science principles and participatory learning approaches to achieve behaviour change on growers terms; Belinda Billing & Phil Ross</i> <i>Better decision making for the Great Barrier Reef (GBR) - Using data to better target practice change and water quality outcomes; Michael Nash & Gary Searle</i></p>

	<p><i>Ballroom 2</i> Designing and planning extension – Chair G. Harris <i>Benchmarking increases farmer confidence to change practices; Lydia Turner, Roger Wilkinson & Sue Kilpatrick</i> <i>Adoption of precision agriculture technologies in Queensland’s intensive vegetable production systems through shared learning and innovation; Sarah Limpus & Talitha Best</i> <i>Improving Great Barrier Reef water quality through understanding the psychology of cane growers; J Pickering, J Hong , R Stower, D Hong & M Keally</i></p> <p><i>Coral Sea 1</i> Policies and trends in rural advisory services – Chair A. Kachenko <i>Australia’s evolving extension system: current issues and evidence for strategic responses; Ruth Nettle, Nicole Reichelt Margaret Ayre Barbara King & Jana-Axinja Paschen</i> <i>Supporting and extending the role of agricultural extension officers; Rachel Hay, Lynne Eagle & Marina Farr</i> <i>“Where there is no training” – achieving enhanced extension performance through adjustment of institutional settings; John G. Connell Peter Case & Michael Jones</i></p> <p><i>Coral Sea 2</i> Incorporating new media and digital methods in extension – Chair M. Sefton <i>Rural professionals and digital agriculture: farmer-advisor interactions with precision grazing systems; Callum Eastwood & Brian Dela Rue & David Gray</i> <i>When a virtual success is a real failure: learning from the Enabling change and innovation webinar series; John James</i> <i>Multiplying agricultural extension advisory service providers in rural communities: Lessons from Kwara State, Nigeria; Kemi Omotesho, Israel Ogunlade, Peter Olabanji & Olabode Deborah</i></p>
<p>14.00 PM-14.30 PM</p>	<p>AFTERNOON BREAK – FOYER AREA</p>
<p>14.15 PM – 16.30 PM 16.30 PM – 17.30 PM</p>	<p>Workshop sessions</p> <p>1. Extension delivery & networking in the Great Barrier Reef - Jeff Coutts, Carole Sweatman, Diana Saunders & Ken Solly. <i>Session chair- Carla Wegscheidl.</i> Network Drinks (Extension associated with the Great Barrier Reef) <i>Ballroom 2.</i></p>
<p>14:30 PM-17.00 PM</p>	<p>Workshop sessions</p> <p>2. Managing data for extension outcomes- ESRI- GIS – Peter Wilmot SST- Agricultural data systems – Mark Pawsey HCP SL- PA technologies and extension- Michael Sefton and Rod Nielson GP1- Custom apps for extension purposes – Gareck Packer <i>Session chair-Peter Larsen.</i> <i>Ballroom 1.</i></p> <p>3. Governance challenges in agricultural innovation systems & gender issues- Regina Birner. <i>Session chair- Warren Hunt.</i> <i>Coral Sea 1.</i></p> <p>4. Using technology to save time and money - John James DAFQ <i>Session chair-Adam Royle.</i> <i>Coral Sea 2.</i></p>

18.30 PM- till late

Conference dinner – Melville’s Farm (Bus to pick up at 18.00 The Ville)

APEN Awards

Master of Ceremonies - Mr. Lawrence Di Bella

Speaker: Di Parsons (Central West Farming Systems, Condobolin, New South Wales).

Topic- "The challenges faced by extension providers."

Entertainment

Friday 15th September	
Place:	'The Ville' Sir Leslie Thies Drive, Townsville
8.00 AM -15.00 PM	GFRAS steering committee meeting (invitation only)- venue: Ville Board room
8.00 AM -8.45 AM	<p style="text-align: center;">APEN Plenary "Moving forward" [Ballroom 1 & 2] Master of Ceremony - Mr. Greg Shannon</p>
9.00 AM -10.00 AM	<p>Concurrent session 6</p> <p><i>Ballroom 1</i> <u>Incorporating new media and digital methods in extension – Chair A. Royle</u> <i>The value of electronic engagement: the FutureBeef experience; John James, Jeff Coutts & Krista Cavallaro</i> <i>24/7/365: A suite approach to using new media in extension; Gavin Beever, Johanna Couchman, Julie White, Fleur Muller, Lucinda Barty</i> <i>Building a better website: strategies for effective engagement with agricultural audiences; Megan Hill Lisa M. Given & Phil Paschke</i></p> <p><i>Ballroom2</i> <u>Policies and trends in rural advisory services – Chair G. Harris</u> <i>Challenges to effective linkage and the role of Extension in sustainable change in Nigerian agricultural innovation system; Margaret J. Koyenikan, Ifidon. S. Ohiomoba & Petra Abdusalam-Saghir</i> <i>Diffusion of livestock technologies in India: Making a case for National Livestock Extension Policy (NLEP); Mahesh Chander</i> <i>Shaking it up: Private sector roles in extension; Jana-Axinja Paschen, Margaret Ayre, Barbara King, Ruth Nettle, Nicole Reichelt</i></p> <p><i>Ballroom 3</i> <u>Achieving NRM outcomes – Chair D. Parker</u> <i>Working Together with Landholders to Monitor Groundwater Adjacent to Resource Developments; Mabbie Elson & Ross Carruthers</i> <i>New mapping of soils and cropping constraints to support improved nutrient management for the catchments of the Great Barrier Reef; Evan Thomas, Lauren O'Brien, & Phil Moody</i> <i>Grazing BMP – whole of business analysis; Matt Brown</i></p> <p><i>Coral Sea 1</i> <u>Building human and social capital and resilience – Chair W. Hunt</u> <i>Introducing farmers to business-process principles-the DairyNZ FarmTune project; Terry Parminter & Sarah Watson</i> <i>One farmer's perspective of his learning: A sociocultural study of innovation in a farmer-scientist community; Roxanne Henwood, Brennon Wood, Alison Sewell, Dave Gray, Maggie Hartnett, Hugh Blair, Peter Kemp, Paul Kenyon, Steve Morris</i></p> <p><i>Coral Sea 2</i> <u>Monitoring and evaluation – Chair A. Kachentto</u> <i>Identifying grazing management practice adoption in a reef catchment; Peter Long & Emily Barbi</i> <i>Fit-for-purpose: evaluating automation, robotics and sensing technologies with vegetable growers and their service providers; Sue Heisswolf, David Carey & Stephen Ginns</i> <i>Cover cropping: Show me the numbers; Donna Lucas, Kelvin Montagu, Doris Blaesing, Carl Larsen, Anne-Maree Boland & Gordon Rogers</i></p>

10.00 AM -10.30 AM	MORNING BREAK – Foyer Area
10.30 AM - 11.30 AM	<p><u>Plenary</u></p> <p>Dr James Turner AgResearch New Zealand Topic: “Mis-adventures in Co-innovation: The what, why and how of co-innovation.”</p> <p>APEN Award winner’s short presentations. <i>[Ballroom 1 & 2]</i> Master of Ceremonies - Mr. Greg Shannon</p>
11.30 AM -12.30 PM	<p><u>Keynote & Closing</u> <i>[Ballroom 1 & 2]</i> Master of Ceremonies - Mr. Greg Shannon</p> <p>Keynote: Chris Sounness, Birchip Cropping Group “Agriculture Extension beyond 2020.”</p> <p>CLOSING ADDRESS – APEN PRESIDENT</p>
12.30 PM – 2.00 PM	<u>LUNCH – FOYER AREA</u>
<p>Open Side events [Arrange separately]</p>	
Travel home	