



The Northern Agricultural Catchments Council's (NACC) Sustainable Land Use Program Regional Workshop

Geraldton, 8-9th NOV 2007

Workshop Outcomes

Compiled by: Stanley Yokwe,
Northern Agricultural Catchments Council



INTRODUCTION

In line with Federal, State and regional priorities over the past few years, the Northern Agricultural Catchments Council (NACC) has been investing in NRM projects that are located across the region. Under the Sustainable Land Use Program alone, NACC has funded projects dealing with issues of dryland salinity, waterlogging and rising groundwater level, erosion, climate, and farming systems. NACC has also funded projects that deliver incentives to community groups and land managers who have NRM priorities dealing with environmental threats to the region's natural assets.

This workshop provided an opportunity to review these projects and discuss key outcomes and future research needs in the region. Additionally, it provided an opportunity to learn more about what NACC is doing in the region, establish effective partnerships and exchange information.

This report summarizes the outcomes of the workshop. It commences with a summary of the projects involved with managing land issues. After the presentations (on day 2), participants were divided into six groups and were asked to address two areas in their discussions: What research do we need to undertake in the next 5 years? What practical things can we do to increase collaboration between projects? The key outcomes of this workshop are presented in Table 1.

**WORKSHOP PARTICIPANTS AT THE DEPARTMENT OF AGRICULTURE AND
FOOD WA, GERALDTON REGIONAL OFFICE FOYER**



Christel Schrank	Angela Stuart-Street	Shanon Dellar
Gill Viv	Brianna Peake	Megan Abrahams
Jane Bradley	Kristy Chapman	Luke Bayley
Jill Wilson	Liz Easton	Phil Bellamy
Fiona Falconer	Siva Sivapalan	Paul Blackwell
Lorinda Hunt	Geoff Anderson	Alison Beattie
Lana Kelly	Georgie Troup	Mike Bowley
Naomi Thomson	Dene Solomon	David Caudwell
Georgie Colebrook	Mike Clarke	Dawson Rowan
Kari-Lee Falconer	Jo Ashworth	Stewart Edgecombe
Yvonne Marsden	John Longman	Rob Grima
Mark Weston	Peter Whale	Lyle Mildenhall
Bill Currans	Andrew Black	Caroline Peek
Paul Findlater	Jessica Hasleby	Christine Zaicou
Jamie Bowyer	Mike Carter	Steve Davies
Duncan Peter	Stanley Yokwe	Peter Howard
Amelia Glass	Tim Wiley	John Bruce
Ahmed Hasson	Marieke Jansen	Russell Speed
		Katherine Atkinson

Apology:

Elizabeth Eaton
Chris King

Alan Bradley
Michael Grasby

Michael Robertson
Trevor Lacey

TOPICS OF THE PRESENTATIONS

Session 1: Salinity Projects in the NAR

1. Salinity Rehabilitation and Extension - Mike Clarke
2. Assessing deep drains in the NAR of WA – Alison Beattie/Angela Stuart-Street
3. Brushwood industry development on saline land – Georgie Troup
4. Revegetation of natural drainage lines and protection of remnant vegetation in the East Moore Catchment – Lana Kelly
5. Buntine Marchagee Natural Diversity Recovery Catchment – Rowan Dawson
6. Agronomic package and benchmarking for mild and periodically saline soils – Lorinda Hunt

Session 2: Climate and Water Projects

7. Biochar: prospects, potentials and myths – Paul Blackwell
8. Water Balance of annuals, perennials and Tagasaste on Deep sand in the Mingenew area of the NAR – Ahmed Hasson
9. Farming to Climate: Managing climate risk and variability in the low rainfall NAR – Kari-Lee Falconer
10. Soil Carbon (the Australian Soil Carbon Accreditation Scheme / NACC Soil Carbon initiative) Project – Jane Bradley
11. Repercussions of climate change on farming systems- Megan Abrahams
12. Taking advantage of climate variability in the Warradarge and Lake Indoon catchments of the West Midlands, in the NAR – Jennifer Bairstow

Session 3: Incentive delivery for NRM solutions

13. NACC Target Investment Program (TIP) projects – Georgie Colebrook
14. West Koojan/Gillingarra Catchment Demonstration Initiative (CDI) – Mark Weston
15. Yarra Yarra oil mallee project – Jo ashworth

Session 4: Farming systems

16. Stimulating change via the West Midlands “farming systems” project “integrating innovative farming systems and catchment management” – Jill Wilson
17. Healthy farms – a pilot project – Kristy Chapman
18. Soil stabilisation solutions for the Nangetty Valley – Kristy Chapman
19. Long term sustainability of profitable ‘medium rainfall’ farming Systems – Rob Grima.
20. Reducing erosion under high stocking rate grazing systems – Rob Grima
21. Upper Chapman Project – Naomi Thomson
22. Determining optimum grazing rotations to maintain perennial pastures – Tim Wiley

TABLE 1: SUMMARY OF THE OUTCOMES (DAY 1: 8TH NOV 2007)

Session 1: Salinity projects in the NAR			
Speaker	Title	Key points	Key outcomes
<p>Mike Clarke</p> <p>Contact: Ph.: 9956 8527; MGClarke@agric.wa.gov.au</p>	<p><u>Salinity rehabilitation & extension project</u></p>	<ul style="list-style-type: none"> - Deliver on farm salinity advice, broad extension and fencing incentive. 	<ul style="list-style-type: none"> - Over 104 farms visited in the first 14 months. - Over 10,000 hectares of saltland fenced off. - 83 farmers received contracts and 44 have signed and sent back the contracts. - About \$61,000 have been paid to farmers who have erected fences so far. - About \$600,000 is to be provided to the outstanding contracts.
<p>Alison Beattie / Angela Stuart-Street</p> <p>9956 8547; astustreet@agric.wa.gov.au</p>	<p><u>Assessing deep drains in the NAR of WA</u></p>	<ul style="list-style-type: none"> - Drainage benchmark study to identify farmer thought process & to monitor changes over time. 	<ul style="list-style-type: none"> - One on one interviews have been undertaken with the participating farmers. - Field measurements are also taken of sections of the drain including soil characterisation, EM38 transects, drain configuration and condition, and water quality. - Groundwater measurements taken reveal there is great variability in watertable drawdown. - Results range from negligible to measurable impacts more than 100 m from the drain.
<p>Georgie Troup</p> <p>0408675 787 georgie.troup@bigpond.com</p>	<p><u>Brushwood industry development on saline land</u></p>	<ul style="list-style-type: none"> - Incentive discount offered to landholders on the purchase price of seedlings. 	<ul style="list-style-type: none"> - 95% seedling funded. - 1.25 million seedlings planted.
<p>Lana Kelly</p> <p>9653 1355; lkel@bigpond.net.au</p>	<p><u>Reveg of natural drainage lines and protection of remnant veg in East Moore Catchment</u></p>	<ul style="list-style-type: none"> - Implementation of strategic, integrated conservation works that build on existing Local Action Plans, by prioritising remnant vegetation and natural drainage areas within the catchment. 	<ul style="list-style-type: none"> - Priority areas have been determined and landholders within these areas are eligible. - Since March, landholders have been visited including possible sites for inclusion in the project. - Expressions of interest have been received and recorded. - On 14 August, a field day was held to see rising groundwater sites & sites were revisited to GPS the fence lines. - Flora surveys were also carried out within four project areas.
<p>Rowan Dawson</p>	<p><u>Buntine Marchagee Natural</u></p>	<ul style="list-style-type: none"> - Integrated catchment management 	<ul style="list-style-type: none"> - The impact of land degradation processes within the project area has been reduced

<p>0427 380 788 Rowan.Dawson@dec.wa.gov.au</p>	<p><u>Diversity Recovery Catchment</u></p>	<p>using grade banks, grassed waterway.</p>	<ul style="list-style-type: none"> - A naturally saline braided channel ecosystem has been protected and enhanced. - Awareness and implementation of conservation earthworks to industry standards has been raised. - Partnerships between Landholders and Department of Environment and Conservation personnel has been built
<p>Lorinda Hunt 0427 388 642 LCHunt@agric.wa.gov.au</p>	<p><u>Agronomic package and benchmarking for mild and periodically saline soils</u></p>	<ul style="list-style-type: none"> - Agronomic package: weed control (iceplant), determining herbicide tolerance of suitable annuals and perennials (saltbush) - Benchmarking site variation between severe, high, moderate and mild salinity 	<ul style="list-style-type: none"> - A quantitative & qualitative map of existing and at risk salt affected areas of the Morawa, Perenjori and Dalwallinu shires produced. - A literature review has been conducted on slender iceplant and its relationship with saline and sodic soils (this includes the biology of the iceplant). - Information has been extended to landholders via an article in the Agmemo. - Research papers have been collated and kept on file. - A farmnote on Slender Iceplant should be published soon! - 20 demonstration sites were selected for benchmarking with crop and pasture trials established and assessed throughout 2006 and 2007. - Iceplant tissue samples were collected on a regular basis throughout 2006 since germination in August. Samples have been tested for oxalate content and other elemental components.
<p>Session 2: Climate related projects</p>			
<p>Paul Blackwell 9956 8537 ; PBlackwell@agric.wa.gov.au</p>	<p><u>Biochar: prospects, potentials and myths</u></p>	<ul style="list-style-type: none"> - Biochar - remnant of plant/animal material from pyrolysis. - Known as agrichar & when made from only wood is usually called charcoal. - Improve digestibility of some animal feeds - Capture up to 50% of carbon from trees - Increase soil microbial biomass - Assist production of biodiesel from 	<ul style="list-style-type: none"> - In soil, Biochar provides a habitat for soil microbes. - Biochar helps improve soil hence increases yields and productivity by reducing soil acidity, and use of less fertiliser. If you use less fertilizer with biochar you save 30% - Biochar holds water and nutrients available to plants - The optimal biochar production process can capture half the biomass carbon in biochar and half as bioenergy.

		algae	
Ahmed Hasson 9956 8520 ahasson@agric.wa.gov.au	<u>Water Balance of annuals, perennials and Tagasaste on Deep sand in Mingenew area of the NAR</u>	<ul style="list-style-type: none"> - To determine hydrological behavior under pastures on deep sand & - Determine pasture production relationship to soil water content. 	<ul style="list-style-type: none"> - Project's findings: - In order for perennial species to survive, they need 1000 m³ of water/ ha. Any reduction in that, the plants will struggle and die. - In terms of water use by a root system (in our calculation) perennial pasture is the best compare to tagasaste and annuals.
Kari-Lee Falconer 9651 0537 kfalconer@agric.wa.gov.au	<u>Farming to Climate: Managing climate risk and variability in the low rainfall NAR</u>	<ul style="list-style-type: none"> - About providing information/tools to growers & industry to: - improve the management of current climate variability and - develop robust farming systems. 	<ul style="list-style-type: none"> - Monthly newsletters (e.g. yield profits, throughout the growing season) were sent out. - Industry awareness of climate information through regular AgMemo newsletter articles and presentations on climate rainfall outlooks. - 3 workshops were held on managing seasonal Variability and applying it to management decisions. - Demonstration site were established at Mullewa to examine managing climate risk in farming systems.
Tim Wiley/Jane Bradley 0427 779 430 twiley@agric.wa.gov.au	<u>Soil Carbon (ASCAS / NACC Soil Carbon initiative) Project</u>	<ul style="list-style-type: none"> - Measurement of soil Carbon under commercial paddocks of perennial grass and tagasaste on poor sandy soils. 	<ul style="list-style-type: none"> - EOI were sent out and 44 applications received, answers scored, grouped and ranked and 12 farms were selected. - Sampling and analysis protocols were developed. - Hydraulic soil corer used. - Samples collected for 0-10, 10-20, 20-30 and 30-110cm. - Samples analysed for Walkley Black organic carbon and total carbon and full soil chemistry analysis undertaken for bulked sample at 0-10cm.
Megan Abrahams 9651 0537 kfalconer@agric.wa.gov.au	<u>Repercussions of climate change on farming systems</u>	<ul style="list-style-type: none"> - How will climate change impact? - How can we adapt our farming systems and be sustainable? - What are the costs and benefits of changing to a new system? 	<ul style="list-style-type: none"> - We assessed some impacts of climate change on low rainfall farming system. - Three alternative enterprise options were investigated for their financial sustainability under climate change projections: Oil mallees carbon trading & trade cattle enterprise. - Combination of the above enterprises in addition to opportunistic cropping, the enterprises were tested for their sensitivity to different economic and agronomic conditions.

<p>Jennifer Bairstow</p> <p>0427 998 001 jbairstow.wmnr@westnet.com.au</p>	<p>Taking advantage of climate variability in the Warradarge and Lake Indoon catchments of the west midlands, in the NAR</p>	<ul style="list-style-type: none"> - Create a sustainable high water use farming system that reduces the risk of erosion and recharge whilst providing for a productive pasture base, especially during drought conditions 	<ul style="list-style-type: none"> - In Warradarge Catchment about 233ha tagasaste, and 105ha perennials grasses (i.e. fine cut Rhodes, Gatton Panic, Signal Grass and Splenda Seteria) were planted in Sept 2007. - In Lake Indoon Catchment about 611ha perennial grasses (fine cut Rhodes, Gatton Panic and Signal Grass) were planted - Team meetings and field days were held and various articles published in local papers.
<p>Session 3: Incentive delivery for NRM solutions</p>			
<p>Jane Bradley/ Georgie Colebrook</p> <p>0428 649 775 ipm@nacc.com.au</p>	<p><u>TIP project</u></p>	<p>Provides incentives for on-ground works to address rising ground water and salinity issues</p>	<ul style="list-style-type: none"> - Site inspections to sign off on works have begun, and the sign off and photo point set up procedures are being tested as part of this process. - There have been 89 EOIs received so far. To date 67 TIP agreements have been completed, committing a total of \$625,047. This figure is made up of 4 saline land management, 38 perennial pastures, 4 farm forestry and 21 remnant vegetation management incentives.
<p>Mark Weston</p> <p>0427 244 525 cdipl@nacc.com.au</p>	<p><u>West Koojan/Gillin garra CDI</u></p>	<p>Similar to TIP project—plant based solutions, decreasing recharge, water management and changing practices</p>	<ul style="list-style-type: none"> - Over 500 ha of perennial pastures and over 200 ha of tagasaste have been planted so far. - Between 2006-07, NACC Biodiversity support officer engaged in CDI work, has conducted flora survey, as a result, about 305 specimens were collected from various sites - CDI has a priority in clients learning/culture of change, survey has been undertaken to investigate the knowledge, altitudes, practices and aspiration of the clients. - Awareness field day has been held.
<p>Jo Ashworth</p> <p>0427 173 463 wjashworth@border.net.au</p>	<p><u>Yarra Yarra oil mallee project</u></p>	<p>Developing incentives to revegetate by establishing a successful commercial oil mallee industry</p>	<ul style="list-style-type: none"> - To date, about 617,000 seedlings planted and about 550,000 trees mulched. - Harvesting Trials have been established - Plantation Database developed - Harvester Modifications done - Distillation unit modifications done - Flail harvester developed - Field Days held in Wongan Hills.

(DAY 2: 9TH NOV 2007)

Session 4: Farming systems			
<p>Jill Wilson 0429 087 172 jwilson@wn.com.au</p>	<p><u>Stimulating change via the West Midlands "farming systems" project</u></p>	<ul style="list-style-type: none">- Adoption of high water use farming techniques in order to improve productivity and reduce recharge	<ul style="list-style-type: none">- We have a policy of open communication and produce an electronic (or faxed) memo at least twice a month together with many other communications. We have a project "event" of some sort on the last Wednesday of every month and we are available for consultation every Wednesday in the Dandaragan office.- We frequently have field walks and/or round-table discussion meetings to demonstrate or explore a particular idea or action. We also try to have a practical "can-do" attitude that gets on with the job efficiently and effectively.
<p>Kristy Chapman 0427 574008 k.chapman@westnet.com.au</p>	<p><u>Healthy farms – a pilot project</u></p>	<ul style="list-style-type: none">- To get widespread recognition of safe and sustainable ag practises- Integration of programs (CBH audits, Environmental Management Systems or EMS)	<ul style="list-style-type: none">- Best management practices and record keeping procedures were developed.- 50% of members have completed an EMS, of these 46% Better Farm IQ and all completed Chemcert.- Held audit workshops for EMS to get systems up-to-date and run through self-review process.
<p>Kristy Chapman 0427 574008 k.chapman@westnet.com.au</p>	<p><u>Soil stabilisation solutions for Nangetty Valley</u></p>	<ul style="list-style-type: none">- Trial different soil stabilisation methods	<p>In Site 1:</p> <ul style="list-style-type: none">- 9 ha of gullies filled using hay mulch.- Seed spread over bare areas- Crop planted over 3 km of bare area- 8000 native seedlings planted to create buffer <p>In site 2:</p> <ul style="list-style-type: none">- 1.5 km of fence erected to exclude 20 ha- Gully filled- Contour bank established- 9000 seedlings planted on yellow sand- 4000 seedlings planted in exclusion zone- Transplanted sedges into wet gully- Paper mulch at gully head was installed.
<p>Rob Grima 9956 8545; rgrima@agric.wa.gov.au</p>	<p><u>Long term sustainability of profitable 'medium rainfall' farming</u></p>	<ul style="list-style-type: none">- Management of herbicide resistance	<ul style="list-style-type: none">- Group of 8 growers identified for pilot group.- Growers received \$3000 to fund fencing, pasture seed, machinery & training.- Training undertaken according to ProGraze- 8 trial paddocks assessed- Whole farm feed budgeting undertaken- Grazing data collected and analysed &

			- Erosion risk analysed.
Rob Grima	<u>Reducing erosion under high stocking rate grazing systems</u>	<ul style="list-style-type: none"> - Learn effective grazing techniques that minimise wind erosion - Alternative grazing options 	<ul style="list-style-type: none"> - The project started with a grower's survey pertaining to their farming business and the perceived threats to their business. Over 50 growers from the catchment took part in the survey, and the results were presented at the Agribusiness Crop Updates in Perth 2007 - 6 "standard" farms were developed to fully cover all the soil & rainfall. Interactions. <p>Project results indicate that on average:</p> <ul style="list-style-type: none"> - All farms are profitable - High crop focus - Minor stock improvements match optimal profit - Main NRM threat currently is erosion - Weed threat not huge for now.
Naomi Thomson 0429109816 naomithomson@westnet.com.au	<u>Upper Chapman Project</u>	<ul style="list-style-type: none"> - Farmers working together to help protect river upstream. - management plan, on ground works, other projects 	<ul style="list-style-type: none"> - Draft management plan has been completed. This will direct where action is most needed and assist in attracting funding for on ground works. The future of the the project is focused on carrying out the actions identified in the plan including incentives for fencing to protect native vegetation, perennial pasture trials and construction of contour banks."
Tim Wiley 0427 779 430 twiley@agric.wa.gov.au	<u>Determining optimum grazing rotations to maintain perennial pastures</u>	<ul style="list-style-type: none"> - Best way to graze perennials for persistence and productivity - No. of paddocks in a rotational grazing system 	<ul style="list-style-type: none"> - 1,800 weaners were rotated through 30 ha of Kikuyu and Strawberry clover - Trial was undertaken to test 1, 2, 4, 8, 16, 32 & 64 paddock rotation systems to assess their impact on the pasture, but not the animals.

FUTURE RESEARCH NEEDS IN THE NEXT 5 YEARS AND IMPROVING COLLABORATION BETWEEN PROJECTS IN THE NAR

Future research needs in the next 5 years	
Group 1 Jane Bradley	<ol style="list-style-type: none"> 1. Impact of climate change on frequency & volume of runoff and recharge - with respect to water balance. How will this impact future resources and funding. 2. Identification of management zones and their use - how to get farmers to totally change their management on certain areas. 3. Soil health - what is its value to farmers.
Group 2 Paul Findlater	<ol style="list-style-type: none"> 4. Water availability - research into amount of water in aquifers; if fully allocated - extension on efficient irrigation systems; pastures and perennials that can be used; catchment scale water balance modelling. 5. Carbon - carbon sequestration; biofuels. Sequestration for species; options for low rainfall areas; Regional conference for carbon sequestration - find out what is going on; develop strategy. 6. Economics - continued research on profitability of low rain fall farming systems; new farm business structures. 7. Wind erosion monitoring tools.
Group 3 Shanon Dellar	<ol style="list-style-type: none"> 8. Need more research into the capacity of rural communities to make adjustments to the changing social, economic, environmental situation eg off farm wealth generation. 9. Carbon sequestration - better measure and better protect carbon already sequestered; need to know how to trade; benefits to farm and NRM. 10. How can growers use poor performing areas via different farming systems; thresholds for perennials to help with erosion.
Group 4 Lana Kelly	<ol style="list-style-type: none"> 11. Process to integrate and improve benefits of multiple landcare activities; multiple benefits from on-ground actions (removing silos). 12. Removing salt from the landscape and commercial opportunities 13. Downloading information into a format that is suitable for landholders to access and use.
Group 5 Peter Howard	<ol style="list-style-type: none"> 14. Research into intensive agriculture and horticulture 15. Carbon sequestration - how it can drive NRM; the potential for it to be an alternative income stream that will keep farmers on farms; info on carbon sequestered under different species. 16. Preparation of background information for all NRM users and training for users (preparation of toolbox).
Group 6 Dene Solomon	<ol style="list-style-type: none"> 17. Evaluating how NRM affects what we are doing out there; how these activities improve equity in property 18. Perennials on poorer soils in low rain fall regions; carbon credits. 19. Ensuring continuation of monitoring and evaluation.

Practical things to increase collaboration/partnership between projects	
Group 1 Jane Bradley	<ol style="list-style-type: none"> 1. Workshops - industry and farmers to get their perspective. 2. Web service - each project has a site that is updated monthly. People get a chance to read up on projects. 3. Using grower groups. Present projects at their meetings - gets us communicating with the producers; AgMemo.

Group 2 Paul Findlater	<p>4. Communication plan - calendar of events; meetings like Stanley's; list of projects and people involved.</p> <p>5. Focus research farms - having farms available for projects to work on.</p> <p>6. Documentation and communication of learnings - lots of work done in the past and it is difficult to access what has been done.</p>
Group 3 Shanon Dellar	<p>7. Better communication with regard to extension programs e.g. earthworks suited to different landscapes.</p> <p>8. Identify all NRM players and include them in events/discussions; eg have steering committees involve people from different streams.</p> <p>9. Preserve skill base; how do we keep knowledge and people in the region.</p>
Group 4 Lana Kelly	<p>10. Six monthly updates like Stanley's.</p> <p>11. Staff retention.</p> <p>12. Register of projects; research they have been doing or could do; projects develop papers together.</p>
Group 5 Peter Howard	<p>13. NACC website should have summary of every project on it; have contact details and updated regularly</p> <p>14. Integration of different themes - land, water, biodiversity - in a workshop</p> <p>15. Induction of new staff in the region; technical training; retention of staff</p>
Group 6 Dene Solomon	<p>16. More workshops</p> <p>17. Need for a person to coordinate all NACC projects</p>

Other issues and ideas

Participants	Topics
Paul Blackwell	NLP Project - Control traffic water erosion risks/new designs of earthworks
Phil Bellamy	Employment of staff beyond June 2008 - need to deal with this as an industry (NRM as a whole)
Peter Whale	Repository of information that "old fellas" have; mentoring facilities
Jamie Bowyer	Mentoring systems; NRM skills survey identified this as a key issue
Jamie Bowyer	Need to increase marketing on the stuff that is happening on in the NAR
Jill Wilson	Variety of projects happening in the NAR; mix of research and extension across a range of topics; potential for synergies
Peter Whale	A lot of projects at benchmarking stage and if no continuation of monitoring past June 2008, then info becomes valueless
Lana Kelly	Multitude of field days on; lots of difficulty with getting dates that don't overlap (could use GGA calendar idea)
Duncan Peter	People want to make "silos" out of things; NRM needs to become part of a greater whole
Yvonne Marsden	Need different parts of the region involving each other in their projects

WORKSHOP EVALUATION RESULTS

Evaluation forms were made available for the workshop's participants to share their opinions about the workshop and/or what they have learnt from the workshop. The below Table depicts responses from the participants. There were 52 participants in total, however, 24 of them filled out the evaluation forms.

Workshop Structure (n=24)

	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
Length of workshop	11	11	2	0	0
Starting time	12	11	1	0	0
Venue	10	14	0	0	0
Food is great	14	8	2	0	0
Good opportunity to network and socialise	11	12	1	0	0
Contact and network made	12	11	1	0	0

- As can be seen in the Table above, nearly all respondents agreed that the length, time and venue of the workshop are about right.
- 23 respondents showed that the workshop has provided good opportunity to network and socialise.

Workshop Content (n=24)

	Strongly agree	Agree	Neither agree / disagree	Disagree	Strongly disagree
Info presented were useful and relevant	15	8	1	0	0
The presenters were interesting	15	8	1	0	0
The info or techniques learnt will assist my thinking and planning of my work	9	11	3	1	0
I have learnt more about NACC	11	11	1	1	
I would attend another NACC workshop if it is on topic interest/relevant to me	15	8	1	0	0

- As far as the content of the workshop is concerned:
 - 23 respondents agreed that the information presented were useful and the presenters were interesting.
 - 20 respondents agreed that the information or techniques learnt at the workshop will assist their thinking and planning of their work and only 1 disagreed.
 - 22 respondents agreed that they have learnt more about NACC. 1 indicated neither agree or disagreed and 1 has disagreed.
 - Nearly all respondents agreed that they would attend another NACC workshop if it would be on interesting/relevant topics to them.

Other comments (there is no editing made to these comments)

- Excellent – the workshop was great Stanley
- Good format. I was surprised how effective 10 minutes talks were – not too laborious, good level of information & provided the opportunity for a lot of different speakers.
- Absolutely Fantastic. Well done. Great work Stanley.
- Recommend similar workshop every 12 months – not every 6 months.
- Well done
- Lots of information on PowerPoint presentations were not available in abstract form. It would be better to produce a CD with all presentations and made available to participants
- I would like to see this happen again every 6 months, to share knowledge and give project updates
- Difficult to balance time on project management and spending time at workshops. Having said that, I found the workshop very valuable. We need to allow \$ in project budgets to pay for time for people to attend these workshop. There is need to ensure there is a public benefit as tax payers money.
- A very informative & effective workshop, thank you Stanley.
- Most talks demonstrated an unsustainable belief that dealing with “biodiversity” will provide a fix. Reality is that we need to be moving to systems (commercial) that are climate change adaptive and commercial.
- Excellent network & awareness raising exercise, well done.
- The workshop session at the end was great idea – there was lot of feedback and ideas. Well done Stanley, a job well done.
- Great work everyone.
- Maybe make a brief mention of other NACC funded land use projects that didn't have presentation done on them.
- Great workshop Stanley. I got plenty of benefit of seeing fantastic work going on in this region by passionate people. Thanks
- This type of event is particularly useful to new NACC staff; I hope that this could become at least an annual event. Suggest you link the publication from this event to the NACC website, along with details of NACC funded projects with contact details. Great for getting ideas on managing projects plus writing grant applications.
- Invitation could be extended across a broader range of people/departments. Well worth while, glad I was here.
- Would like a description of NACC structure and program better if more board/representatives were present as it was an ideal opportunity for them to learn about what they invested in plus networking opportunity. See where they are thinking and heading. Should get feedback or contact made by board once reports are submitted and reviewed.

The organiser is grateful for the valuable input offered by the
NACC and DAFWA personnel.