



# ***State-wide Investment Projects***





## ***Sustainable agriculture***

### **Product list—2007**


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# Fact Sheets

## Sustainable agriculture in peri urban areas Ag18 (CSIRO)

	Title	Brief description	Availability
	<p><i>Fact sheet 1 Engaging primary producer groups in NRM</i></p>	<p>This fact sheet provides an overview of primary producers motivations for engagement and recommendations of most effective approaches</p>	<p><b>Available</b> from the <a href="#">DPI&amp;F AgSIP website</a></p>
	<p><i>Fact sheet 2 Engagement Practice in the Western catchments of SEQ</i></p>	<p>This fact sheet provides an overview of Ag 18 project findings of engagement practitioners roles and training needs</p>	
	<p><i>Fact sheet 3 Engaging Community based NRM groups</i></p>	<p>This fact sheet provides an overview of Community groups motivations for engagement and recommendations of most effective approaches</p>	
	<p><i>Fact sheet 4 Engaging non environmental Groups in NRM</i></p>	<p>This fact sheet provides an overview of primary producers motivations for engagement and recommendations of most effective approaches</p>	




## Sustainable agriculture in irrigated cotton and grains Ag15

	Title	Brief description	Availability
	<p><i>Land and Water Management - Information, contacts and references for Queensland</i> Cotton Catchment Communities Cooperative Research Centre, Dec 2005. Chapman and Maas 2005-DPI&amp;F</p>	<p>The following information sheet is designed to help producers with the Australian Cotton Industry Best Management Practices (BMP) Land and Water Management module (L&amp;W module), Land and Water Management Planning (LWMP).</p> <p>The following issues are covered in this information sheet</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Mapping</li> <li><input type="checkbox"/> Soils</li> <li><input type="checkbox"/> Salinity</li> <li><input type="checkbox"/> Vegetation &amp; Biodiversity</li> </ul>	<p><b>Available</b> on the <a href="#">Cotton Catchment Communities CRC website</a></p>

Title	Brief description	Availability
	<ul style="list-style-type: none"> <li>❑ Riparian issues</li> <li>❑ Surface water and groundwater issues</li> </ul>	
	<p><i>Water and soil quality—Australian Cotton Industry BMP</i></p>	<p>Technical information sheets on water and soil quality for cotton BMP. Chapman and Maas DPI&amp;F, Cotton Catchment Communities Cooperative Research Centre, Dec 2005</p>
	<p><i>Case study 1 in sustainable agriculture in irrigated cotton</i></p>	<p>Case study of NRM management on a SE QLD cotton property</p>
<p><i>Management practices to enhance ecosystem services in the Australian cotton industry</i></p>	<p>4-page colour brochure</p>	<p><b>Available</b> on the <a href="#">Cotton Catchment Communities CRC website</a></p>
<p><i>EnviroDirectory 2006</i> Cotton Catchment Communities Cooperative Research Centre, March 2006 Chapman V, Maas et al 2006- DPI&amp;F</p>	<p>This is an internal directory of NRM issues, contacts and references relevant to the Australian cotton industry. It has been distributed within the National Cotton Extension Team and Growers Services Managers from Cotton Australia.</p>	

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# Training material & guides

Title	Brief description	Availability
	<p><i>New Pocket guide on Best Management Fertiliser and Irrigation Practices in vegetables (capsicums).</i> April 2006</p>	<p>Pocket guide for nutrient Budgeting of Ca, Mg B&amp;Z in Capsicums Stork and Bennett The theme of matching supply to demand (of water and nutrients) contained in these pocket guides will be continued in future work and this will include collaboration with Egberto Soto, Water for Profit Land &amp; Water Specialist, Growcom, Ayr</p> <p>Hard copies <b>available</b> from: Dr Peter Stork Primary Industries &amp; Fisheries Bundaberg Research Station 49 Ashfield Road KALKIE QLD 4670</p>
	<p><i>Water quality monitoring manuals for producers and local government — Ag01</i></p>	<p><b>Available.</b> Contact IAWM project leaders: Bill Wilkinson <a href="mailto:William.Wilkinson@nrw.qld.gov.au">William.Wilkinson@nrw.qld.gov.au</a> Ian Rankine <a href="mailto:fourt@bigpond.net.au">fourt@bigpond.net.au</a></p> <p>Rankine I, Ramsay C, Bock P &amp; Wilkinson W. (2004).</p>
	<p><i>Ag16 Report on growers perceptions on natural resource management</i></p>	<p>Scoping report on growers perceptions on natural resources management based on 53 interviews T Campbell J Bagshaw P Hockings (March 2005)</p>

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# Conference papers

APEN NRM symposium Toowoomba — 28–29 Sept 2005	
Title	Available
<i>To stand still is to go backwards: effective NRM extension in the Burdekin Rangelands (Ag02)</i> Shepherd B—DPI&F Charters Towers	<a href="http://www2.dpi.qld.gov.au/AgSIP/18116.html">http://www2.dpi.qld.gov.au/AgSIP/18116.html</a>
<i>Horticulture growers' perspectives on natural resource management issues, lessons for engagement (Ag16)</i> Campbell T, Bagshaw J and Hockings P, DPI&F Bundaberg and Brisbane	<a href="http://www2.dpi.qld.gov.au/AgSIP/18151.html">http://www2.dpi.qld.gov.au/AgSIP/18151.html</a>
<i>Current engagement practice for natural resource management in the South East Queensland Western Catchments (Ag18)</i> Hall C, Darbas T and Smith T, CSIRO Toowoomba and Brisbane	<a href="http://www2.dpi.qld.gov.au/AgSIP/18152.html">http://www2.dpi.qld.gov.au/AgSIP/18152.html</a>
<i>The AgSIP dinner party: an appetite for social change in a political context (Ag03)</i> Cawley S, Sapin v DPI&F Miles and Kingaroy	<a href="http://www2.dpi.qld.gov.au/AgSIP/18114.html">http://www2.dpi.qld.gov.au/AgSIP/18114.html</a>
<i>Using participatory evaluation for better NRM engagement across different partners—a case in progress (Ag03)</i> Sapin V DPI&F Kingaroy	<a href="http://www2.dpi.qld.gov.au/AgSIP/18112.html">http://www2.dpi.qld.gov.au/AgSIP/18112.html</a>
<i>NRM engagement, Relationships Australia or the Rubik's cube? (Ag 03)</i> Sapin v Cawley S, DPI& F Kingaroy and Miles	<a href="http://www2.dpi.qld.gov.au/AgSIP/18113.html">http://www2.dpi.qld.gov.au/AgSIP/18113.html</a>
<i>Integrated area wide management: a model for achieving natural resource management practice change (Ag01 and Ag08)</i> Rankine I , Wilkinson W and Ferguson J	<a href="http://www2.dpi.qld.gov.au/AgSIP/18118.html">http://www2.dpi.qld.gov.au/AgSIP/18118.html</a>
<i>Enhancing resource management in the cotton industry through partnerships (Ag15)</i> Chapman V, Maas S and McIntyre J DPI&F St Georges, Emerald and Dalby	<a href="http://www2.dpi.qld.gov.au/AgSIP/18115.html">http://www2.dpi.qld.gov.au/AgSIP/18115.html</a>

Conference	Paper	Available
APEN 06 Conference, Beechworth Victoria, 2006	<i>The past compounded by the present: ecological challenges and decisions for peri-urban and amenity agricultural landscapes</i> Kearney F & MacLeod N.D	<a href="#">Abstract available</a>
	<i>Effective meta-engagement strategies with NRM regional bodies in NAP regions</i> Hall C., Smith T. F., and Darbas T. 2006,	<a href="#">Abstract available</a>
Greening Australia 2006 Conference	<i>Bushland or parkland: vegetation management in landscapes under rapid conversion</i> Kearney F. & MacLeod N.D.	

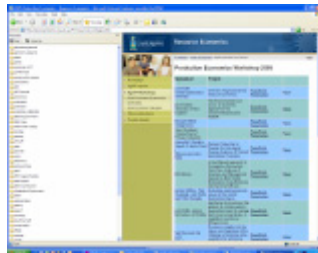
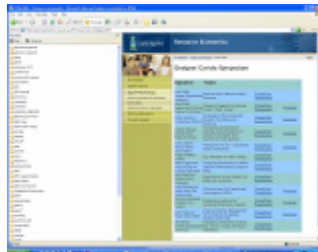
Conference	Paper	Available
National Outlook Conference, Canberra.	<i>Facilitating self-regulation by Industry.</i> Wilkinson W & Rankine I. (2004)	Contact authors
1st National Salinity Engineering Conference'. Perth, Western Australia.	<i>Queensland Murray Darling Basin salinity risk analysis tool.</i> Gammie NJ, Owens JS, Freebairn DM, Claridge J, Rattray DJ, Silburn DM (2004)	Contact authors
Proc. 13th International Soil Conservation Organisation conference'. Brisbane, Queensland	<i>HowLeaky? The journey to demystifying simple technology.</i> Paper 422. Rattray DJ, Freebairn DM, McClymont D, Silburn DM, Owens J, Robinson B (2004)	Contact authors Also, in 'Conserving soil and water for society: Sharing solutions'. Eds SR Raine, AJW Biggs, NW Menzies, DM Freebairn and PE Tolmie) (ASSSI/IECA: Brisbane
	<i>Effect of tillage practices on chloride movement and deep drainage at Biloela, central Queensland.</i> In 'Conserving soil and water for society: Sharing solutions. Paper 740. Tolmie PE, Radford BJ (2004)	
Australian Society of Agronomy-2006	<i>Understanding deep drainage in grey Vertosols of the Moonie and Condamine catchments south east Queensland.</i> Whish J, French V, Tolmie PE, Silburn DM	Contact authors
XXI Congress of the European Society for Rural Sociology, Keszthely, Hungary, 22-26 August 2005.	<i>A novel approach to community engagement for natural resource management in transitional landscapes: Matching landholder motivations and preferences, engagement practitioner capacities, and the dynamic local context of engagement</i> Smith T. F., Darbas T., Hall C., Bellamy J., Gambley, C., Leitch, A., and Fisher J. 2005	<a href="#">Available AgSip website</a>
International Conference on Community Engagement, August 2005, Brisbane.	<i>'Development of a Typology of Engagement in Natural Resource Management for the Western Catchments of South East Queensland'</i> Smith T. F., Darbas T, Hall C, Bellamy J, Fisher J, Gambley, C, and Leitch, A, 2005	<a href="#">Available AgSip website</a>
12th annual meeting of the Australasian Agri-Food Research Network. 5-8 July 2005, Roslyn Bay Inn Resort, Yeppoon.	<i>'Street level bureaucrats, the Decade of Landcare and the new NRM Regional Arrangements'</i> Darbas, T., Smith, T. and Hall, C. 2005	<a href="#">Available AgSip website</a> Also, in: Agri-Food '05: Regulatory contradictions in the contemporary food system

Conference	Paper	Available
International Soil Conservation Organisation conference. May 14-19, 2006 Marrakech, Morocco.	<i>Preventing salinity - scientific and community dimensions. In 'Water management and soil conservation in semi-arid environments.</i> Grundy MJ, Silburn DM (2006)	In <i>Proceedings</i> 14th International Soil Conservation Organisation conference
Murray-Darling Basin Groundwater Conference, Canberra.	<i>Hodgson Creek, QMDB – Salinity and Recharge Studies and 2Csalt Modelling.</i> Silburn DM, Owens JS, Dutta S, Cresswell RG, McNeil V (2006).	In <i>Proceedings</i>
	<i>Hydrogeochemistry of Hodgson Creek Catchment, Queensland Murray-Darling Basin</i> Cresswell RG, Silburn DM, Biggs AWJ, Dighton JC, deVoil RC, Rassam D, McNeil V (2006)	In <i>Proceedings</i>
Joint Congress of 9th Australasian Environmental Isotope Conference and 2nd Australasian Hydrogeology Research Conference'. Adelaide, South Australia	<i>Isotope geochemistry of Hodgson Creek Catchment, Queensland Murray-Darling Basin.</i> Cresswell RG, Silburn DM, Biggs AWJ, Dighton JC, Rassam D, McNeil V (2006).	In <i>Proceedings</i>
'Ground-breaking stuff 13th ASA Conference'. Perth WA. (Australian Society of Agronomy)	<i>Understanding deep drainage in Grey Vertosols of the Moonie and Condamine catchments south east Queensland.</i> French V, Whish J, Tolmie PE, Cook R, Egan P (2006)	In <i>Proceedings</i>
'30th Hydrology and Water Resources Symposium'. Launceston, Tasmania.	<i>Combining 'paddock models' and geographical information systems can be a powerful tool in catchment planning.</i> Ratray DJ, Silburn DM, Owens J, Barlow L (2006)	In <i>Proceedings</i>
'Soil science solving problems. ASSI - ASPAC National Soils Conference'. Adelaide, South Australia	<i>Soil water balance and salinity modelling in Wolfgang Creek catchment in central Queensland.</i> Owens JS, Silburn DM, Reading L, Chamberlain T (2006)	In <i>Proceedings</i>
'Ground-breaking stuff 13th ASA Conference'. Perth, Western Australia. (Australian Society of Agronomy)	<i>Simulating historic cropping systems to understand the interaction between crop choice and deep drainage</i> Whish J, French V, Tolmie PE, Silburn DM (2006).	

Conference	Paper	Available
XXI Congress of the European Society for Rural Sociology, Keszthely, Hungary, 22-26 August	<p><i>A novel approach to community engagement for natural resource management in transitional landscapes: Matching landholder motivations and preferences, engagement practitioner capacities, and the dynamic local context of engagement</i></p> <p>Smith T. F., Darbas T., Hall C., Bellamy J., Gambley, C., Leitch, A., and Fisher J. 2005</p>	<p><a href="#">Available on AgSIP website</a></p>

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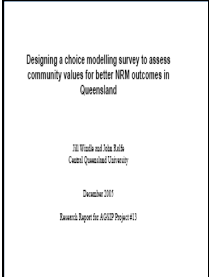

# Workshop articles

	Title	Availability
<p><b><a href="#">2005 Production Economics Workshop</a></b> 28<sup>th</sup> Oct 2005</p> 	<p><i>The economics of improving water quality in the Gordonstone Creek Catchment</i> Chudleigh F, Gaffney J, Chilcott C</p>	<p><b>Available</b> <a href="#">Central Qld University</a></p>
	<p><i>Evaluating Grazing pressure issues in the Central Qld region</i> Gaffney J Rolfe J Chudleigh F Donaghy P</p>	<p><b>Available</b> <a href="#">Central Qld University</a></p>
	<p><i>Identifying the incentives that graziers in central Western Qld need to manage land more conservatively in vegetation corridors or linkage zones</i> Rolf J, McCosker and Windle J</p>	<p><b>Available</b> <a href="#">Central Qld University</a></p>
	<p>Assessing trade offs between cane production and improved water quality in the Mackay region (Donaghy P, Rolfe J and Wake J)</p>	
<p><b><a href="#">2006 Market Based Instruments - Designer Carrots Symposium</a></b> 13 October 2006</p> 	<p>Regional presentations and talks on the use of incentives for NRM—organised by SE05</p>	
	<p><i>Central Queensland University Lessons from trialling incentive schemes</i> John Rolfe</p>	<p><a href="#">PowerPoint Presentation</a></p>
	<p>Evaluating competitive tenders: Key issues, results and future challenges- Jill Windle Central Queensland University</p>	<p><a href="#">PowerPoint Presentation</a></p>
<p><b>GRAZING NRM COORDINATION WORKSHOPS</b> 14–15 November 2006</p>	<p>Two day workshop on extension economics and monitoring and evaluation issues associated with improving NRM outcomes in grazing lands</p>	<p><a href="#">Proceedings available</a></p>
<p><b>Decision support systems workshop</b></p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> RAPUP regional risk assessment tool</li> <li><input type="checkbox"/> How leaky</li> <li><input type="checkbox"/> Palm note CSIRO irrigation scheduling software</li> </ul>	<p><a href="#">Report available</a></p>




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# Reports

Resource economic assessment of costs and benefits involved in land use change, and incentive mechanisms to support change—Ag13

	Title	Availability
 	<p><b>1- Production Economics</b></p> <p>Report 1.1: <i>Overview of Resource Economics and NRM Issues</i>, John Rolfe</p> <p>Report 1.2: <i>Assessing Production and Environmental Tradeoffs for a Beef Enterprise in Central Queensland</i>, James Gaffney, Peter Donaghy, Jeff Clewett,</p> <p>Report 1.3: <i>Production Tradeoffs with Farming in the Central Highlands</i>, Fred Chudleigh and James Gaffney</p> <p>John Rolfe</p> <p><b>2- Non Market Valuation</b></p> <p>Report 2.1: <a href="#">Designing the Choice Modelling Survey</a>, Jill Windle</p> <p>Report 2.2: <a href="#">Results of the Choice Modelling Survey</a>, Jill Windle</p> <p>Report 2.3: <i>Guide to Applying Values to Case Study Situation</i>, Jill Windle and John Rolfe</p> <p><b>3- Designing Tools</b></p> <p>Report 3.1: <i>An overview of the application of market based instruments and issues to address</i>, John Rolfe</p> <p>Report 3.2: <i>A review of the application of competitive tenders and other market based instruments in Queensland</i>. John Rolfe and Jill Windle</p>	<p>Available from <a href="#">Central Qld University</a></p>
	<p>June 2006 Progress Report: <a href="#">Data Sets re Effects of Stocking Rate on Pastures, Cattle and Soil Loss in Central Queensland</a></p>	
	<p>June 2006 Final Report: <a href="#">A Simulated Data Set of Stocking Rate Effects on Pastures, Cattle and Soil Loss in Central Queensland</a></p>	
		<p><a href="#">Designing incentive mechanisms for cane growers at Mackay to improve water quality</a></p>
	<p><a href="#">Ag13 Interim report on the pilot MBLs</a>, Windle and Rolf</p>	

## Sustainable agriculture in peri urban areas Ag18 (CSIRO)

	Title	Available
	<p><i>Development of a Typology of Engagement in Natural Resource Management for the Western Catchments of South East Queensland</i></p> <p>Report prepared as part of the AG-SIP 18 project</p> <p>Smith, T., Darbas, T., Hall, C., Fisher, J., Bellamy, J., Gambley, C. and Leitch, A.</p>	<p><a href="#">DPI&amp;F website</a> Proceedings of the International Conference on Community Engagement, August 2005, Brisbane.</p>
	<p><i>Mid-Term Evaluation of Impact</i></p> <p>Report prepared as part of the AG-SIP 18 project: Effective Engagement for NRM in the SEQ Western Catchments.</p> <p>Bellamy, J. 2006.</p>	<p>Available from the <a href="#">DPI&amp;F AgSIP website</a></p>
	<p><i>Evaluation of the impact of the AgSIP-18 project “developing effective engagement approaches to work across different land uses in densely populated areas</i></p> <p>Bellamy, J 2007</p>	<p>Available from the <a href="#">DPI&amp;F AgSIP website</a></p>
	<p><i>Effective Engagement for NRM in the SEQ Western Catchments.</i></p> <p>Smith T. F., Darbas T, Hall C, Bellamy J, Fisher J, Gambley, C, and Leitch, A, 2005,</p>	<p>Available from the <a href="#">DPI&amp;F AgSIP website</a></p>

## Other AgSIP reviews

Title	Author	Available
<p><i>Ag02 Grazing extension review in the Burdekin</i></p>	<p>B Shepherd C Chilcott Dec 2005</p>	<p>(report to be made into a publication)</p>
<p><i>Ag02 Ag06 Historical comparison of Grazing BMP</i></p>	<p>Sandral and Shepherd (forthcoming)</p>	

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# Journal & refereed papers

Journal	Titles	Availability
Soil and Tillage Research	<i>Tillage and the environment—tradeoffs and challenges.</i> Silburn DM, Freebairn DM, Rattray DJ	(submitted) contact authors
Australian Journal of Agricultural Research.	<i>Soil and vegetation characteristics affect deep drainage in the cropping zone of southwest Queensland. A simulation-based analysis with special reference to the Goondoola basin.</i> Robinson JB, Silburn DM, McClymont D, Christodoulou N, Tolmie PE, Biggs AJW, Freebairn DM and Rattray D.	Contact authors
	<i>Effect of farming systems on deep drainage in under grey vertosols of the Moonie and Condamine catchments south east Queensland: <b>Evaluation of the paper-based Salinity Risk Analysis tool.</b></i> Tolmie PE, Biggs AJW, Whish J, French V and Silburn DM.	Contact authors
	<i>Salt loads and deep drainage in the eastern Queensland Murray-Darling Basin using soil chloride.</i> Tolmie PE, Silburn DM and Biggs AJW.	Contact authors
	<i>Effect of tillage on soil chloride movement and deep drainage at Biloela, central Queensland</i> Tolmie PE, Radford BJ and Silburn DM.	Contact authors
	<i>Improved measurement of conductivity on swelling clay soils using a modified disc permeameter method.</i> Foley JL, Tolmie PE and Silburn DM (2006).	<i>Australian Journal of Soil Research, 44, 701-710.</i>
	<i>Field calibration of ThetaProbe (ML2x) and ECHO probe (EC-20) soil water sensors in a Black Vertosol.</i> Foley JL, Harris E	<b>Submitted</b>
Agricultural Water Management	<i>Estimating deep drainage and nitrate leaching from the root zone under sugarcane using APSIM-SWIM.</i> Stewart L.K., Charlesworth P.B., Bristow K.L. and Thorburn P.J. (2006).	<i>Agricultural Water Management, 81: 315-334.</i>

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## Data sets

	Project area	Available
Spatial imagery	Maps – Ag09	Some copyright restrictions apply on spatial imagery. Please contact <a href="#">DPI&amp;F project officer</a> for further information.
Data sets	Ag 09 IAWM Ag 07 Ag 13 Ag 10 Ag 02 focus catchments GIS	Some copyright restrictions and confidentiality issues apply to these data sets. Please contact <a href="#">project officers</a> for further information.

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## Book chapters

Title	Book
<i>'Deep drainage estimates under a range of soils and land uses in the Fitzroy Basin.'</i> Owens JS, Silburn DM, Forster B, Chamberlain T, Wearing C	(in prep) Department of Natural Resources and Water, Queensland
<i>'Catchment salt balances for the Fitzroy Basin, Queensland.'</i> Silburn DM, Owens JS, Chamberlain T, Vitkovský J, Cresswell R, McNeil V	(in prep) Department of Natural Resources and Water, Queensland,
<i>A Risk Framework for Preventing Salinity.</i> Grundy Mike J, Silburn D Mark and Chamberlain Tessa (2006).	In 'Environmental Hazards and Risk Communication' Monograph (in press).
<i>Effect of farming systems on deep drainage in high salinity hazard areas.</i> French V, Whish J, Tolmie P (2005)	In '2005 National Farm Groups' Manual (GRIST)'. (Ed. L O'Connell) pp. 176. (Australian Grain)
<i>Measurement of deep drainage.</i> Tolmie P (2005)	In 'Understanding soils and their interactions with land management: Refresher Training Course, Course papers (Revised edition), Toowoomba, April 2005'. (Eds Biggs AJW and Hussein J) pp. 178-190. (Australian Society of Soil Science (Queensland Branch) Incorporated: Indooroopilly, Queensland)
<i>A Risk Framework for Preventing Salinity.</i> Grundy Mike J, Silburn D Mark and Chamberlain Tessa (2006).	In 'Environmental Hazards and Risk Communication' Monograph (in press).
<i>Sustainable irrigation in the Burdekin: Losses of farm chemicals in runoff and deep drainage</i> Thorburn P.J., Dawes L., Kemei J., Cairns, R., Attard S.J. Roebeling, P. and McDonald, L.M. (2006)..	<i>Proceedings of the Australian Society of Sugar Cane Technologists</i> 28: 598.

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## Technical reports (Ag07)

Title	Available
<p><i>Understanding dryland salinity in the Belyando Suttor. Some preliminary findings'</i> Department of Natural Resources and Mines, Belyando-Suttor Implementation Board, Burdekin Dry Tropics Board, Queensland.</p>	NRW
<p>Belyando Suttor Implementation Group (2005) 'Understanding dryland salinity in the Belyando Suttor. Some preliminary findings.' Department of Natural Resources and Mines, Belyando-Suttor Implementation Board, Burdekin Dry Tropics Board, Queensland.</p>	NRW
<p><i>Salinity audit Border Rivers and Moonie catchment Queensland Murray-Darling Basin.</i> Department of Natural Resources and Mines, QNRM05462, Queensland. Biggs AJW, Power RE, Silburn DM, Owens JS, Burton DWG, Hebbard CL (2005)</p>	NRW
<p><i>Deep drainage. A problem or an asset?</i> Department of Natural Resources, Mines and Water, Queensland, NRM Facts series L109. Biggs AJW, Tolmie PE, Silburn DM (2005)</p>	NRW
<p><i>Streamflow modelling, groundwater balance and recharge estimates in Hodgson Creek, Condamine Catchment, Queensland - an information audit and initial assessment.</i> For CRC-CH Project 2C. Department of Natural Resources and Mines, QNRM05514, Queensland. Dutta S, Silburn DM (2005)</p>	NRW
<p><i>Salinity (EC), salt load and stream flow in Hodgson Creek. For CRC-CH Project 2C.</i> Department of Natural Resources and Mines, QNRM05515, Queensland. McNeil V, Silburn DM (2005)</p>	NRW
<p><i>Salinity risk analysis (SRA) - a tool for analysing and managing risk of salinity.</i> Department of Natural Resources, Mines and Energy, Coorparoo, Queensland. Owens J, Gammie N, Freebairn D, Claridge J, Rattray D, Silburn M (2004)</p>	NRW
<p><i>Assessment of the potential for salinity and waterlogging in the Felton Valley Landcare area. Final Report to Condamine Alliance July 2005.</i> Department of Natural Resources and Mines, QNRM05343, Queensland. Silburn DM, Moss JB, deVoil RC, Huggins J (2005)</p>	NRW
<p><i>Evaluation of the 2Csalt model for Hodgson Creek.</i> Department of Natural Resources and Mines, QNRM05513, Queensland. Silburn DM, Owens JS (2005)</p>	NRW
<p><i>Estimating deep drainage in the Queensland Murray-Darling Basin. Review of past research.</i> Department of Natural Resources and Mines, QNRME04100, Coorparoo, Queensland. Released 2004 Tolmie PE, Silburn DM (2003)</p>	NRW
<p><i>Estimating deep drainage in the Queensland Murray-Darling Basin using soil chloride.</i> Department of Natural Resources and Mines, QNRM03020, Coorparoo, Queensland. Released 2004 Tolmie PE, Silburn DM, Biggs AJW (2003)</p>	NRW
<p><i>Goondoola Basin - a dryland salinity case study in south-western Queensland. 2. Deep drainage and implications for land management options.</i> Robinson, Silburn, Biggs and Christodoulou.</p>	(in prep) NRW DPI&F

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# Technical and scientific reports (IAWM)

Title / Author	Available
<p><i>Extending mobile GIS into difficult markets – Area-wide management in Central Queensland.</i> Paper and presentation: OZRI2002 Conference, Brisbane. Rankine I &amp; Wilkinson W. (2002).</p>	Contact authors
<p><i>Improving rural industries ability to respond to management and environmental challenges – a discussion paper.</i> Unpublished workshop paper, presented to Queensland Farmers Federation, Cotton Australia, Qld Fruit and Vegetable Growers Association: Brisbane. Rankine I &amp; Wilkinson W. (2003).</p>	
<p><i>Field dilution techniques used to assess high turbidity levels – how accurate are they?</i> Unpublished but circulated to NR&amp;M water quality monitoring staff. Wilkinson W, Bock P, Ramsay C &amp; Rankine I. (2003).</p>	
<p><i>Various water quality reports to individual growers.</i> Confidential condition and trend reports. Wilkinson W, Ramsay C and Rankine I. (2003).</p>	
<p><i>Water quality in the Emerald township area Feb 2002 – May 2003.</i> Confidential report provided to Emerald Shire Council; Emerald. Wilkinson W, Rankine I, Bock P &amp; Ramsay C. (2003).</p>	
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<p><i>Clean-up Australia Day 2003.</i> Grade 5 K12 Project, report and recommendations to Emerald Shire Council. Wilkinson W, Rankine I &amp; Emerald State School. (2003).</p>	
<p><i>Seepage impacts in the Emerald Irrigation Area.</i> Confidential report prepared for the Emerald Irrigators to table at Sunwater Customer Council Meeting: Emerald. Wilkinson W, Bock P, Ramsay C &amp; Rankine I. (2004).</p>	
<p><i>Integrated Area Wide Management as an approach to landscape management.</i> Community Engagement Showcase presentation, Rockhampton 2004. Qld. Govt. (2004).</p>	
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<p><i>Irrigated land use mapping – Fitzroy Basin case study.</i> In preparation. Wilkinson W, Rankine I &amp; McDowall R (2006).</p>	
<p><i>A good grass filter for irrigation farms in the Emerald Irrigation Area.</i> Wilkinson W, Bock P, Ramsay C and Rankine I. (2006).</p>	

Title / Author	Available
<p><i>Biodiversity Emerald Irrigation Area – A review of landscape research relevant to understanding biodiversity in the Emerald Irrigation Area.</i> Report to Cotton Research Development Corporation. In preparation. Wilkinson W, Smith R, Rankine I, Reid B and Ramsay C. (2006).</p>	
<p><i>Integrated Area Wide Management – Emerald Irrigation Area.</i> Final report to Cotton Research and Development Corporation. Wilkinson B &amp; Rankine I. (2006).</p>	
<p><i>Integrated Area Wide Management in Emerald.</i> Rankine I, Wilkinson W &amp; Johnson I. (2006).</p>	
<p><i>Getting beyond the data – a pragmatic approach to groundwater issues using action learning processes and the broader community, Emerald Case Study.</i> Presentation at Distinguished Lecture Series, Natural Resource Sciences 2005: Department of Natural resources and Mines. Wilkinson W. (2005).</p>	
<p><i>An exploration of Integrated Area Wide Management models for irrigation communities – Emerald field study report.</i> Preliminary draft report for CRC Irrigation Futures; Centre for Ecological Economics and Water Policy Research, University of New England: Armidale. Evans M &amp; Wolfenden J (2006).</p>	<p><a href="#">Irrigation Futures website</a></p>

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## Evaluation reports

Title	Available
	<p><b>Ag 03</b> AgSIP baseline report from interviews with regional body CEOs (6 respondents) and senior agency staff November 2004 Sapin and Cawley</p>
	<p><b>Ag 03</b> AgSIP second baseline with staff and external partners (40 respondents) May 2005</p>
	<p><b>Ag 03</b> AgSIP informed person interviews December 2005 J Coutts</p>

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