

## Appendix 1 – References

- ACILTASMAN (2003) Scope for Water Use Efficiency Savings as a Source of Water to Meet Increased Environmental Flows - Independent Review, ACIL Tasman.  
<http://www.aciltasman.com.au/images/pdf/ACIL%20Tasman%20WUEReport%2012%20Mar%202003%20Rev.pdf>
- ALLEN, D. (2006) Electrical conductivity imaging beneath far west NSW water reservoirs and the Darling River. Far West Water Alliance.
- ASCE (2001) Standard guidelines for artificial recharge of ground water. American Society of Civil Engineers.
- BARNETT, S. (1991) RENMARK Hydrogeological Map (1:250 000 scale). *Murray Basin Hydrogeological Map Series*. Canberra, Australian Geological Survey Organisation.
- BARNETT, S. (1994) BURRA-CHOWILLA-OLARY Hydrogeological map (1:250,000 scale). *Murray Basin Hydrogeological Map Series*. Canberra, Bureau of Mineral Resources.
- BARNETT, S., CARONSONE, F., DYSON, P., EVANS, R., HILLIER, J., IFE, D., JENSON, G., MACUMBER, P., MARVENEK, S., MORRIS, M., SKELT, K. & WOOLLEY, D. (2004) Murray-Darling Basin Groundwater Status 1990-2000: Technical Report. Murray-Darling Basin Commission.
- BERRY, K. A. & ARMSTRONG, D. (1996) Eromanga Basin water supply development for Olympic Dam Operations. *Mesozoic Geology of the Eastern Australia Plate Conference*. Brisbane, Geological Society of Australia.
- BIERWIRTH, P. N. (1997) The use of airborne gamma-emission data for detecting soil properties. *Proceedings of the Third International Airborne Remote Sensing Conference and Exhibition*. Copenhagen, Denmark.
- BISH, S. & SALOTTI, D. (1996) Review of Groundwater Flow Around Menindee Lakes Storages - Lake Menindee to Lake Cawndilla. NSW Department of Land and Water Conservation.
- BISH, S., WILLIAMS, R. M., GATES, G. & GILL, J. (2006) Assessment of Sustainable Limits for Groundwater Sources in New South Wales. *10th Murray-Darling Basin Groundwater Workshop*. Canberra, Murray-Darling Basin Commission.
- BLUNT, D. A. (1978) Uranium in Tertiary stream channels, Lake Frome area, South Australia. *Proceedings of the Australasian Institute of Mining and Metallurgy*, 266, 79-90
- BOWLER, J. M., STOCKTON, E. & WALKER, M. J. (1978) Quaternary stratigraphy of the Darling River near Tilpa, New South Wales. *Proceedings of the Royal Society of Victoria*, 90, 79-88
- BRECKWOLDT, R., BODEN, R. & ANDREW, J. (2004) The Darling, CSIRO Publishing.  
<http://www.publish.csiro.au/nid/20/pid/4832.htm>
- BREWSHER, D., MILNER, H. & HARRISS, D. (1994) Water Resources Investigations of Menindee Lakes, NSW. *Water Down Under 94*. Institution of Engineers Australia.
- BRODIE, R. S. (1992) ANA BRANCH Hydrogeological Map (1:250,000 scale). *Murray Basin Hydrogeological Map Series*. Canberra, Australian Geological Survey Organisation.
- BRODIE, R. S. (1994) MENINDEE Hydrogeological Map (1:250,000 scale). *Murray Basin Hydrogeological Map Series*. Canberra, Australian Geological Survey Organisation.

- BRODIE, R. S. (1998) The Lower Darling Regional Steady State Groundwater Flow Model. *AGSO Record*. Australian Geological Survey Organisation.
- BRODIE, R. S., BASKARAN, S., TOTTENHAM, R., HOSTETLER, S. & RANSLEY, T. (2007) An overview of tools for assessing groundwater-surface water connectivity, Canberra, Bureau of Rural Sciences. <http://www.affashop.gov.au/product.asp?prodid=13674>
- BROWN, A. D. (2006) Regolith landforms of Bimbowrie. *MESA Journal*, 41, 30-33
- BROWN, A. D. & HILL, S. M. (2005) White Dam Au-Cu Prospect, Curnamona Province, South Australia. CRC LEME.
- BROWN, C. M. (1989) Structural and stratigraphic framework of groundwater occurrence and surface discharge in the Murray Basin, southeastern Australia. *BMR Journal of Australian Geology and Geophysics*, 11, 127-146
- BROWN, C. M., JACKSON, K. S., LOCKWOOD, K. L. & PASSMORE, V. L. (1982) Source Rock Potential and Hydrocarbon Prospectivity of the Darling Basin, NSW. *BMR Journal of Australian Geology and Geophysics*, 7, 23-33
- BROWN, C. M. & STEPHENSON, A. E. (1991) Geology of the Murray Basin, Southeastern Australia. *Bulletin 235*. Canberra, Bureau of Mineral Resources.
- BROWN, C. M., TUCKER, D. H. & ANFILLOFF, V. (1988) An interpretation of the tectonostratigraphic framework of the Murray Basin region of southeastern Australia, based on an examination of airborne magnetic patterns. *Tectonophysics*, 154, 309-333
- BRUNDALL, L. (1967) Geological and Geophysical Evaluation of the Darling River Area. Texam Oil Corporation.
- BYRNES, J. G. (1985) Petroleum Data Package: Darling Region, New South Wales. *NSW Geological Survey Report*. NSW Department of Mineral Resources.
- CAMERON, R. G. (1988) Geological Survey Report on the Geology and Mineral Resources of Wentworth Shire, Southwestern NSW, within the Murray Basin. NSW Geological Survey.
- CAMERON, R. G. (1997) BOOLIGAL 1:250 000 geological sheet SI/55-5 explanatory notes, Sydney, Geological Survey of New South Wales.
- CLARKE, J. D., PAIN, C., GIBSON, D. L., WONG, V. & APPS, H. (2008) Remote sensing of fluvial architecture of the Murray River, southern Australia. *Geophysical Research Abstracts*, 10
- CMJA (2006) ASR feasibility study - Broken Hill. *Consultants report for Central Darling and Far West Integrated Water Services Project*. Wentworth Falls, C.M. Jewell & Associates Pty Ltd.
- CMJA (2007) Options for use of the Menindee and Broken Hill aquifers. *Consultants report for Country Energy*. Wentworth Falls, C.M Jewell & Associates Pty Ltd.
- CMJA (2008) Test production well installation and pumping test - Menindee. *Consultant report for Country Energy*. Wentworth Falls, C.M. Jewell & Associates Pty Ltd.
- CONOR, C. H. H. (2004) Geology of the Olary Domain, Curnamona Province, South Australia. South Australia. Department of Primary Industries and Resources. Report Book, 2004/8.
- COOK, P. G., KENNETT-SMITH, A. K., WALKER, G. R., BUDD, G. R., WILLIAMS, R. M. & ANDERSON, R. (1996) Impact of dryland agriculture on land and river salinisation in the western lands, New South Wales. *Technical Memorandum*. CSIRO.

- COONEY, P. M. & MANTARING, A. M. (2004) Prospectivity of the Darling Basin. *Preview, Journal of the Australian Society of Exploration Geophysicists*, 108, 18
- COONEY, P. M. & MANTARING, A. M. (2005) The Petroleum Potential of the Darling Basin, Alice Springs, Northern Territory Geological Survey.  
[http://conferences.minerals.nt.gov.au/cabsproceedings/Final\\_papers/P07\\_Cooney\\_Mantaring.pdf](http://conferences.minerals.nt.gov.au/cabsproceedings/Final_papers/P07_Cooney_Mantaring.pdf)
- COX, R. & BARRON, A. (1998) Great Artesian Basin Resource Study. The Great Artesian Basin Consultative Council.
- CSIRO (2008a) Water Availability in the Barwon-Darling, CSIRO.  
<http://www.csiro.au/resources/Barwon-DarlingReport.html>
- CSIRO (2008b) Water availability in the Murray, CSIRO.  
<http://www.csiro.au/resources/MurrayReportMDBSY.html>
- CUNNEEN, J. B. (1980) Water resources inventory. Sydney, NSW Water Resources Commission.
- CURTIS, J. L., BRUNT, D. A. & BINKS, P. J. (1990) Tertiary palaeochannel uranium deposits of South Australia. IN HUGHES, F. E. (Ed.) *Geology of the mineral deposits of Australia and Papua New Guinea*. Melbourne, Australasian Institute of Mining and Metallurgy.
- DE CARITAT, P., KILLICK, M. F., LAVITT, N., TONUI, E., DANN, R. & TURNER, M. L. (2000) Characterisation of the Regolith, Sediment and Groundwater in the Mundi Mundi Curnamona Region. *Broken Hill Exploration Initiative Conference*. Broken Hill, AGSO Record 2000/10.
- DE CARITAT, P. & KIRSTE, D. (2002) Dominant Controls on Groundwater Composition in the Basins Surrounding the Broken Hill Silver-Lead-Zinc Deposit: Implications for Mineral Exploration Under Cover. *Regolith and landscapes in eastern Australia*. Canberra, CRC LEME.
- DE CARITAT, P. & KIRSTE, D. (2003) Groundwater Studies as an Aid to Mineral Exploration in Areas of Sedimentary Cover, Broken Hill Region. *Broken Hill Exploration Initiative Conference*. Canberra, Geoscience Australia.
- DE CARITAT, P. & KIRSTE, D. (2004) Groundwater Chemistry as a Tool for Mineral Exploration Under Cover: the Curnamona Province. *PACRIM 2004*. Adelaide, South Australia, Australian Institute of Mining and Metallurgy.
- DE CARITAT, P. & KIRSTE, D. (2004) Teilta Regolith Project: Groundwater chemistry, Canberra, Geoscience Australia.  
[http://crcleme.org.au/Pubs/OPEN%20FILE%20REPORTS/OFR%20158/CRCLEME\\_OFR158.pdf](http://crcleme.org.au/Pubs/OPEN%20FILE%20REPORTS/OFR%20158/CRCLEME_OFR158.pdf)
- DE CARITAT, P. & KIRSTE, D. (2004) Using Groundwater Geochemistry as a Tool for Mineral Exploration Under Cover: Example from the Curnamona Province, South Australia. *17th Australian Geological Convention*. Hobart, Tasmania, Geological Society of Australia.
- DE CARITAT, P. & KIRSTE, D. (2005) Using Groundwater to Vector Towards Mineralisation Under Cover: the Curnamona Province. *22nd International Geochemical Exploration Symposium*. Perth, Western Australia, Association of Applied Geochemists.
- DE CARITAT, P., KIRSTE, D., CARR, G. & MCCULLOCH, M. (2003) Vectoring Towards Mineralisation Under Cover Using Groundwater Geochemistry: an Example From the Curnamona Province. *Advances in Regolith: CRC LEME regional regolith symposia 2003*. CRC LEME.
- DE CARITAT, P., KIRSTE, D., CARR, G. & MCCULLOCH, M. (2005) Groundwater in the Broken Hill region, Australia: Recognising Interaction with Bedrock and Mineralisation Using S, Sr and Pb Isotopes.

- DE CARITAT, P., KIRSTE, D., DANN, R. & HUTCHEON, I. (2002) Groundwater Composition in the Broken Hill area: Salinity and Mineral Exploration Applications, *Victoria Undercover*. Benalla Victoria, CSIRO Publishing.
- DILLON, P. (2005a) Draft code of practice for aquifer storage and recovery. CSIRO
- DILLON, P. (2005b) Future management of aquifer recharge. *Hydrogeology Journal*, 13, 313-316
- DILLON, P. & MOLLOY, R. (2006) Developing aquifer storage and recovery (ASR) opportunities in Melbourne: Technical guidance for ASR., CSIRO  
[http://www.iah.org/recharge/downloads/technical\\_guidance\\_for\\_ASR.pdf](http://www.iah.org/recharge/downloads/technical_guidance_for_ASR.pdf)
- DILLON, P. & PAVELIC, P. (1996) Guidelines on the quality of stormwater and treated wastewater for injection into aquifers for storage and reuse. Urban Water Research Association of Australia.
- DIPNR (2004) Water Sharing Plan for the Murray and Lower Darling Regulated Rivers Water Sources, NSW Department of Infrastructure, Planning and Natural Resources.  
[http://www.dnr.nsw.gov.au/water/pdf/murray\\_lower\\_darling\\_reg\\_updated\\_plan.pdf](http://www.dnr.nsw.gov.au/water/pdf/murray_lower_darling_reg_updated_plan.pdf)
- DIXON, S. (1891) On the Subterranean Water Supply for the Broken Hill Mines. *Transactions of the Royal Society of South Australia*, 14, 200-209
- DWE (2007) Darling River Water Saving Project Part B - Analysis of Integrated Schemes and Development of Strategic Plan Consultant Brief. *Consultant Brief*. NSW Department of Water and Energy.
- EARTHTECH (2004) Darling Anabranche Environmental Impact Statement for: Stock and Domestic Pipeline and Reinstatement of Environmental Flows, Earth Tech.  
[http://www.lmd.cma.nsw.gov.au/pdf/DA\\_ET\\_MainReport.pdf](http://www.lmd.cma.nsw.gov.au/pdf/DA_ET_MainReport.pdf)
- ENCOM TECHNOLOGY PTY LTD (1994) Darling Basin Geophysical Programme - Reprocessing and Assessment. New South Wales Department of Mineral Resources.
- EVANS, W. R., HILLIER, J. & WOOLLEY, D. (1994) Hydrogeology of the Darling River Drainage Basin (1:1,000,000 scale map). Canberra, Australian Geological Survey Organisation
- EVANS, W. R. & KELLETT, J. R. (1989) The hydrogeology of the Murray Basin, southeastern Australia. *BMR Journal of Australian Geology and Geophysics*, 11, 147-166
- EVERETT, S. C., SCHACHE, I. S., BALDERSON, G. F. & BANNISTER, P. A. (2003) Pooncarie Project - The Technical Challenges, Johannesburg, South Africa, South African Institute of Mining and Metallurgy. <http://www.saimm.co.za/events/0310minerals/downloads/HM081-94-Everett.pdf>
- FABRIS, A. J., CONOR, C. H. H., CROOKS, A. F. & BURRT, A. C. (2004) Uranium prospects of the southern Curnamona Province and cover sequences, South Australia. IN FABRIS, A. J. (Ed.) *Report Book 2004/22*. Adelaide, Primary Industries and Resources South Australia.
- FAIRCLOUGH, M. C., FABRIS, A. J., HOU, B. & DALY, S. J. (2006) Uranium: South Australian state of play. *MESA Journal*, 41, 8-11
- FERGUSON, J. & RADKE, B. M. (1992) Hydrodynamics of the Scotia, Nulla and Murquong Groundwater Discharge Complexes. . *Report to Murray-Darling Basin Commission*. Canberra, Australian Geological Survey Organisation.
- FORBES, B. G. (1991) 1:250 000 Geological Series Explanatory Notes - Olary, South Australia. Department of Mines and Energy, South Australia.

- GIBSON, D. (2004) Colluvial Slopes: Not necessarily simple regolith-landform units. IN ROACH, I. C. (Ed.) *Regolith 2004*. CRC LEME.
- GIBSON, D. L. (1997) Recent tectonic and landscape evolution in the Broken Hill region. *AGSO Research Newsletter*, 17-26
- GIBSON, D. L. (1998) Regolith and its relationship with landforms in the Broken Hill region, western NSW. IN EGGLETON, R. A. (Ed.) *The State of the Regolith*. Brisbane, Queensland, Geological Society of Australia.
- GIBSON, D. L. (1999) Explanatory Notes for the Broken Hill and Curnamona Province 1:500 000 Regolith Landform Maps, CRC LEME
- GIPPEL, C. J. (2006) Scoping Study of Operational Changes to Reduce River and Storage Losses Along the River Murray System, Murray-Darling Basin Commission.
- GIPPEL, C. J. & BLACKHAM, D. (2002) Review of Environmental Impacts of Flow Regulation and other Water Resource Developments in the River Murray and Lower Darling River System, Fluvial Systems Pty Ltd.
- GOLEBY, B. R., KORSCH, R. J., FOMIN, T., CONOR, C. H. H., PREISS, W. V., ROBERTSON, R. S. & BURTT, A. C. (2006) The 2003-2004 Curnamona Province Seismic Survey. *AGSO Record 2006/12*. Geoscience Australia.
- HABERMEHL, M. A. (1980) The Great Artesian Basin, Australia. *BMR, Journal of Australian Geology & Geophysics*, 5
- HABERMEHL, M. A. & LAU, J. E. (1997) Hydrogeology of the Great Artesian Basin, Australia. 1: 2 500 000 Map., Australian Geological Survey Organisation.
- HARRISS, D., EVERSON, D., MCKENZIE, G. & REID, D. (1998) A Review of the Management of the Menindee Lakes Storage. NSW Department of Land and Water Conservation
- HARRISS, D., MILNER, H. & EVERSON, D. (1994) Menindee Lakes and the Lower Darling River - Issues for Management. NSW Department of Water Resources
- HAWKE, J. M. & CRAMSIE, J. N. (1984) Contributions to the Geology of The Great Artesian Basin in New South Wales. NSW Department of Mineral Resources.
- HEALTHY WATERWAYS (2006) Water sensitive urban design: technical design guidelines for South East Queensland. Version 1. [http://www.healthywaterways.org/FileLibrary/wsud\\_tech\\_guidelines.pdf](http://www.healthywaterways.org/FileLibrary/wsud_tech_guidelines.pdf)
- HILL, S. M. (2004a) Teilta, Western New South Wales. CRC LEME.
- HILL, S. M. (2004b) Regolith and Landscape Evolution of Far Western New South Wales, CRC LEME. <http://crcleme.org.au/RegLandEvol/Far%20Western%20NSW.pdf>
- HILL, S. M., EGGLETON, R. A. & TAYLOR, G. (2003) Neotectonic disruption of silicified paleovalley systems in an intraplate, cratonic landscape: regolith and landscape evolution of the Mulculca range front, Broken hill domain, New South Wales. *Australian Journal of Earth Sciences*, 50:5, 691-707
- HILLIER, J. R. & FOSTER, L. (2002) The Great Artesian Basin – Is There a Sustainable Yield? *International Conference on Balancing the Groundwater Budget*. Darwin, IAH.
- HOU, B., ZANG, W., FABRIS, A. J., KEELING, J., STOIAN, L. & FAIRCLOUGH, M. (2007) Palaeodrainage and Tertiary coastal barrier of South Australia. 1: 2 000 000. Adelaide, Department of Primary Industry and Resources South Australia.

- IFE, D. & SKELT, K. (2004) Murray-Darling Basin Groundwater Status 1990-2000: Summary Report. Canberra, Murray-Darling Basin Commission.
- JEWELL, C. M. (1993) Lower Darling River, Groundwater-River Level Relationships and Qualitative Indications of Environmental Flows in Rivers and Wetlands. C.M.Jewell & Associates Pty. Ltd.
- KELLETT, J. R. (1989) The Ivanhoe Block - its structure, hydrogeology and effect on groundwaters of the Riverine Plain of New South Wales. *BMR Journal*, 11, 333-353
- KELLETT, J. R. (1994) MANARA Hydrogeological Map (1:250 000 scale). *Murray Basin Hydrogeological Map Series*. Canberra, Australian Geological Survey Organisation.
- KENNETT-SMITH, A. K., COOK, P. G. & WALKER, G. R. (1994) Factors affecting groundwater recharge following clearing in the south western Murray Basin. *Journal of Hydrology*, 154, 85-105
- KENNETT-SMITH, A. K., WALKER, G. R. & NARAYAN, K. (1996) Predicting the likely impact of land management changes on land salinisation in the upper south east of South Australia. *Murray Darling 1995 Workshop on Groundwater and the Community*. Wagga Wagga, Australian Geological Survey Organisation.
- KENNY, E. J. (1934) West Darling District - A Geological Reconnaissance With Special Reference to the Resources of Subsurface Water. NSW Department of Mines.
- KHAN, S., RANA, T. & MUSHTAQ, S. (2006) Role of Aquifer Storage and Recovery for Harmonising Irrigation with Environment in Connected Systems. *10th Murray-Darling Basin Groundwater Workshop*. Canberra, Murray-Darling Basin Commission.
- KINGHAM, R. (1998) Geology of the Murray-darling Basin - Simplified Lithostratigraphic Groupings. *AGSO Record 1998/21*. Australian Geological Survey Organisation.
- KIRSTE, D., DE CARITAT, P. & DANN, R. (2003) The Application of the Stable Isotopes of Sulfur and Oxygen in Groundwater Sulfate to Mineral Exploration in the Broken Hill region of Australia. *Journal of Geochemical Exploration*, 78-79, 81-84
- KORSCH, R. J., FOMIN, T., CONOR, C. H. H., STEVENS, B. P. J., GOLEBY, B. R., ROBERTSON, R. S. & PREISS, W. V. (2006) A Deep Seismic Reflection Transect Across the Curnamona Province from the Darling Basin to the Flinders Ranges, Broken Hill, Geoscience Australia Record 2006/21. [http://www.ga.gov.au/about/corporate/ga\\_authors/record2006\\_21.jsp](http://www.ga.gov.au/about/corporate/ga_authors/record2006_21.jsp)
- LAWRIE, K., CLARKE, J. D., TAN, K. P., PAIN, C., BRODIE, R. C., EDWARDS, D., REID, M., APPS, H., WONG, V. & LUCKMAN, J. (2008) An airborne electromagnetic (AEM) survey used as a precision investigation tool to address salinity and land management issues in the River Murray corridor, south west Australia. *2nd International Salinity Forum - Global issues, local action*. Adelaide, South Australia.
- LINDSAY, J. M. & BARNETT, S. (1989) Aspects of stratigraphy and structure in relation to the Woolpunda Groundwater Interception Scheme, Murray Basin, South Australia. *BMR Journal*, 11, 219-225
- MACKAY, N. & EASTBURN, D. (1990) The Murray, Canberra, Murray Darling Basin Commission.
- MAIDMENT, D. W., GIBSON, G. M. (1999) Sources of Magnetic Anomalies in the Broken Hill Region, NSW. Australian Geological Survey Organisation
- MAIDMENT, D. W. & GIBSON, G. M. (2002) Broken Hill and Euriowie Blocks Map, Interpreted Geology, Sheet 2 of 2 (1:100 000 scale). Canberra, Geoscience Australia.

- MARTIN, H. A. (1997) The Stratigraphic Palynology of Bores Along the Darling River, Downstream From Bourke, New South Wales. *Proceedings of the Linnean Society of New South Wales*, 118, 51-67
- MAUNSELL (2007) Darling River Water Savings Project, Part A Report, April 2007, 62 p.
- MCKAY, A. D. & MIEZITIS, Y. (2001) Australia's uranium resources, geology and development of deposits. Canberra, Australian Geological Survey Organisation.
- MDBC (2007) Water Audit Monitoring Report 2005/06, Murray-Darling Basin Commission. [http://www.mdbc.gov.au/\\_\\_\\_data/page/101/WAM-report-2005-06.pdf](http://www.mdbc.gov.au/___data/page/101/WAM-report-2005-06.pdf)
- MILLS, K. J. (1992) Geological evolution of the Wonominta Block. *Tectonophysics*, 214
- MOFFITT, R. S. & WEATHERALL, G. (2004) Assessment of bore water Geochemistry - Darling basin, New South Wales. *Geological Survey Report : GS2004/328*. NSW Department of Mineral Resources.
- MOUNT, T. J. (1992) Yanda Creek salt inflows project, Bourke NSW: Hydrogeological Framework Studies 1991-92. NSW Department of Water Resources.
- MUIR, G. L. (1973) Hydrogeochemistry of the Castlereagh-Darling River System. Sydney, University of New South Wales.
- MULLHOLAND, C. S. J. (1940) Geology and Underground Water Resources of the East Darling District. NSW Department of Mines.
- MURRAY, R., TREDoux, G., RANVENSROFT, P. & BOTHA, F. (2007) Artificial recharge strategy - Version 1.3, South African Department of Water Affairs and Forestry. <http://www.dwaf.gov.za/Documents/Other/Water%20Resources/ARStrategyForSAJun07.asp>
- NATIONAL WATER COMMISSION (2008) Managed Aquifer Recharge, Canberra, National Water Commission. <http://www.nwc.gov.au/www/html/521-managed-aquifer-recharge.asp>
- NSW DPI (2008) Darling Basin - Geological Overview, NSW Department of Primary Industries. <http://www.dpi.nsw.gov.au/minerals/geological/overview/regional/sedimentary-basins/darling>
- NSWDMR (1993) Petroleum Data Package. New South Wales Department of Mineral Resources.
- NSWDNR (2006) Managing the Menindee Lakes in 2006-2007, NSW Department of Natural Resources. <http://www.statewater.com.au/watdel/infpap20061.pdf>
- OCWD (2004) Groundwater Replenishment System - Facts and Figures, Orange County Water District. <http://www.gwrssystem.com/about/facts.html>
- ODINS, J. A., WILLIAMS, R. M., O'NEILL, D. J. & BECKHAM, J. (1994) A Multi-Method Approach to the Geophysical Assessment of 500 km of Alluvial Sediments Associated with the Darling River: Menindee to Brewarrina, Western New South Wales. *ASEG 10th geophysical conference and exhibition*. Perth, Western Australia, Australian Society of Exploration Geophysicists.
- PYNE, R. D. G. (2005) Aquifer storage recovery - A guide to groundwater recharge through wells, Gainesville, Florida, ASR Systems.
- RADE, J. (1954) Geology and Subsurface Waters of the Area North of the Darling River Between Longitudes 145° and 149° E., N.S.W. *Journal and Proceedings of the Royal Society of New South Wales*, 88, 24-32

- RADKE, B. M., FERGUSON, J., CRESSWELL, R. G., RANSLEY, T. R. & HABERMEHL, M. A. (2000) Hydrochemistry and Implied Hydrodynamics of the Cadna-owie - Hooray Aquifer, Great Artesian Basin, Australia. Bureau of Rural Sciences.
- REIF, T. (2000) Honeymoon uranium project update. *MESA Journal*, 19, 4-7
- RESOURCES, N. D. O. M. (1993) Petroleum Data Package: Darling Region New South Wales. *Mineral Exploration Report*.
- ROGERS, P. A. (1995) Continental sediments of the Murray Basin. IN DREXEL, J. F. & PREISS, W. V. (Eds.) *The geology of South Australia: Volume 2 - The Phanerozoic*. Adelaide, Geological Survey of South Australia.
- ROWBOTTOM, I. & HAMMOND, C. (2007) Darling River Water Savings Project - Part A Report, Maunsell Australia Pty Ltd.  
<http://www.environment.gov.au/water/programs/wsa/projects/pubs/nsw08.pdf>
- RUPERTO, L. & DE CARITAT, P. (2006) Geological Review of the Southern Curnamona Region. CRC LEME open file report 183. CRC LEME.
- RUPERTO, L. & NICOLL, M. (2007) 3D modelling of the Callabonna Sub-basin (Southern Curnamona Region), CRC LEME.  
<http://crlceme.org.au/Pubs/OPEN%20FILE%20REPORTS/OFR%20184/OFR%20184.pdf>
- RURAL WATER COMMISSION, (1991) MILDURA Hydrogeological Map (1:250 000 scale). *Murray Basin Hydrogeological Map Series*. Canberra, Australian Geological Survey Organisation.
- SAEED, A. (1992) Palaeozoic Sedimentation in the Tarrara Trough, New South Wales. Kensington, NSW, University of New South Wales.
- SAEED, A. (1994) Tararra Trough, New South Wales; a Permo-Carboniferous fault-bounded infra-basin beneath the Cenozoic Murray Basin. IN NEIL, H., GILLESPIE, V., MOON, V. & BRIGGS, R. (Eds.) *Geological Society of New Zealand 1994 Annual Conference*. New Plymouth, New Zealand, Geological Society of New Zealand.
- SENIOR, B. R., MOND, A. & HARRISON, P. L. (1978) Geology of the Eromanga Basin. *Bulletin 167*. Bureau of Mineral Resources.
- SHAIKH, M., GREEN, D. & CROSS, H. (2001) A Remote Sensing Approach to Determine Environmental Flows for Wetlands of the Lower Darling River, New South Wales, Australia. *International Journal of Remote Sensing*, 22, 1737-1751
- SHAW, R. D. (1995) Petroleum Potential of the Devonian in the Eastern Darling Basin, New South Wales. *1995 NSW Petroleum Symposium*. Sydney, NSW, Petroleum Exploration Society of Australia.
- SHERWOOD, N., MORTON, D. & BOREHAM, C. (1995) A Review of Petrophysical and Organic Petrological-Geochemical Data for the Surat-Bowen, Clarence-Moreton and Murray-Darling Basins, New South Wales. *1995 NSW Petroleum Symposium*. Sydney, NSW, Petroleum Exploration Society of Australia.
- SINELNIKOV, A. (1995) Hydrocarbon Potential of Blantyre-Mount Emu Region (Darling Basin). *Quarterly Notes - Geological Survey of New South Wales*, 97, 13-24
- SKELT, K., IFE, D. & BARNETT, S. (2004a) Murray-Darling Basin Groundwater Status 1990-2000 catchment report: Olary South. Murray-Darling Basin Commission.
- SKELT, K., IFE, D., WOOLLEY, D. & EVANS, R. (2004b) Murray-Darling Basin Groundwater Status 1990-2000 catchment report: Lower Murray-Darling. Murray-Darling Basin Commission.

- SMITH, K. & WATKINS, N. (1993) Border to the Barrages - Natural resource criteria for sustainable irrigation on the River Murray. River Murray Water Resources Committee.
- SNWA (2007) History of groundwater in the Las Vega Valley, Southern Nevada Water Authority. [http://www.lasvegasgmp.com/html/lvgw\\_history.html](http://www.lasvegasgmp.com/html/lvgw_history.html)
- SOUTH FLORIDA WATER MANAGMENT DISTRICT (2008) Comprehensive Everglades Restoration Plan - Aquifer storage and recovery program, South Florida Water Managment District. [http://www.evergladesplan.org/pm/projects/pdp\\_32\\_33\\_34\\_44\\_asr\\_combined.aspx#interim](http://www.evergladesplan.org/pm/projects/pdp_32_33_34_44_asr_combined.aspx#interim)
- SOUTHERN CROSS RESOURCES RESOURCES (2000) Honeymoon uranium project: Environmental impact statement. Sourthern Cross Resources Australia Pty Ltd.
- STANNARD, M. E. (1981) Irrigation Development Between Wentworth and Menindee. NSW Department of Water Resources.
- STEVENS, B. P. J. (1986) Post Depositional History of the Willyama Supergroup in the B.H.B., NSW. *Australian Journal of Earth Sciences*, 33, 73-78
- STEVENS, B. P. J. & BURTON, G. R. (1998) The Early to Late Proterozoic Broken Hill Province, New South Wales. *AGSO Journal of Australian Geology & Geophysics*, 17(3), 75-86
- STEVENS, B. P. J., BARNES, R. G., BROWN, R. E., STROUD, W. J. & WILLIS, I. L. (1988) The Willyama Supergroup and Eurowie Blocks, New South Wales. *Precambrian Research*, 40/41, 297-327
- TAYLOR, G. R., HANSFORD, P., STEVENS, B. P. J. & ROBSON, D. (2005) HyMap of Broken Hill - imaging spectrometry for rock and mineral abundance mapping. *Exploration Geophysics*, 36, 397-400
- THOMAS, M., EARL, K. L., HILL, S. M. & FOSTER, K. A. (2002) A Framework for Regolith-landform Mapping in the Flying doctor Prospect, Broken Hill, NSW. IN ROACH, I. C. (Ed.) *Regolith and Landscapes in Eastern Australia*. CRC LEME.
- THOMS, M. C. & OLLEY, J. M. (2004) The Stratigraphy, Mode of Deposition and Age of Inset Flood Plains on the Barwon-Darling River, Australia. *International Symposium on Sediment Transfer through the Fuvial System*. Moscow, Russian Federation, IAHS-AISH Publication Vol. 288.
- THOMS, M. C. & SHELDON, F. (2000) Water Resource Development and Hydrological Change in a Large Dryland River: The Barwon-Darling River, Australia. *Journal of Hydrology*, 228, 10-21
- THORNTON, R. C. N. (1972) Hydrocarbon Potential of Western Murray Basin and Infrabasins. SA Department of Mines.
- TUINHOF, A. & HEEDERIK, J. P. (2003) Management of aquifer recharge and subsurface storage. *NNC-IAH Publication*. Netherlands National Committee-International Association of Hydrogeology.
- UDWR (2005) Conjunctive management of surface and ground water in Utah, Utah Division of Water Resources. [www.water.utah.gov/waterplan](http://www.water.utah.gov/waterplan)
- VAN KLINKEN, G. A. (1977) Geophysical Studies on the Wentworth Trough, Western New South Wales. North Ryde, NSW, Macquarie University.
- VANAGS, C. P. & VERVOORT, R. W. (2005) How Do Sandy Paleochannels Affect Groundwater Flow in a Clay-Dominated Vadose Zone Under Flood Irrigation? *Eos, Transactions of the American Geophysical Union*, 86
- WASSON, R. J. (1979) Sedimentation History of the Mundi Mundi Alluvial fans, Western New South Wales. *Sedimentary Geology*, 22, 21-51

WATER SERVICES ASSOCIATION OF AUSTRALIA (2007) National Performance Report 2005-2006 for Non-major Urban Water Utilities, p.28-30.

WATERWATCH SA (2008) Tell me more about salinity, SA Government.  
[http://www.sa.waterwatch.org.au/sw\\_salinity.htm](http://www.sa.waterwatch.org.au/sw_salinity.htm)

WEBB MCKEOWN & ASSOCIATES (2007) State of the Darling: Interim Hydrology Report, Murray-Darling Basin Commission. [http://www.mdbc.gov.au/\\_\\_\\_data/page/1551/State\\_of\\_the\\_Darling\\_-\\_Interim\\_Hydrology\\_Report.pdf](http://www.mdbc.gov.au/___data/page/1551/State_of_the_Darling_-_Interim_Hydrology_Report.pdf)

WELSH, W. (2006) Groundwater Flow Model of the Great Artesian Basin.

WIEBENGA, W. A. & JESSON, E. E. (1965) Geophysical Exploration for Underground Water. Bureau of Mineral Resources.

WILLAMS, R. M. (1991) Hydrogeology of the Interaction Between Pliocene Sand Aquifer and the Darling Anabranch system. *Technical Report*. NSW Department of Water Resources.

WILLAMS, R. M. (1994) Saline Groundwater Inflows to the Darling River Near Bourke, New South Wales, Adelaide, South Australia, Institute of Engineers, Australia.  
<http://search.informit.com.au/documentSummary;dn=755305529669899;res=IELENG>

WILLAMS, R. M., WOOLLEY, D., ABELL, R. S., PLEASE, P. & EVANS, W. R. (1994) Darling Basin Hydrogeological Map: Land and Water Management Issues, Institute of Engineers, Australia.  
<http://search.informit.com.au/documentSummary;dn=748988952413369;res=IELENG>

WILLCOX, J. B., YEATES, A. N., MEIXNER, A. J. & SHAW, R. D. (2003) Structural Evolution and Potential Petroleum Plays in the Darling Basin: Pondie Range Trough-Mount Jack Area: Based on a Seismic Sequence Analysis. *GA Record*. Canberra, Geoscience Australia.

WILLIAMS, R. M. & BECKHAM, J. (1995) Stream/Aquifer Interactions Along the Lower Darling River, NSW. NSW Department of Water Resources.

WITHERS, M. (1994) Flooding and Water Conservation in the Great Anabranch of the Darling River. NSW Department of Water Resources.

WOOLLEY, D., WILLAMS, R. M. & VARATHAN, S. (2004) New Water? - Groundwater supply for Wilcannia, NSW. *Balancing the Basin. 9th Murray-Darling Basin Groundwater Workshop*. Bendigo, Victoria, Murray-Darling Basin Commission.