



References

PERSONAL COMMUNICATIONS

- **Banti Fenti.** Senior Scientist, Queensland Natural Resources and Water. Performed SedNet modeling of the Mary Catchment in 2006, as a Water Quality State Investment Project deliverable.
- **Gordon Cottle.** Project coordinator of the Great Sandy Strait seagrass watch and monitoring program.
- **Colin Limpus.** Principal Scientist, Queensland Parks and Wildlife Service.
- **Mike Ronan.** Manager (Wetlands Policy, Natural Resources, Strategy and Policy), Queensland Environmental Protection Agency.
- **Steve Burgess.** Mary River Catchment Coordinating Committee.
- **Tim Thornton.** Friends of the Burrum River System Group.

REFERENCES

Australian and New Zealand Environment and Conservation Council and Agriculture and Resource Management Council of Australia and New Zealand (ANZECC and ARMCANZ)(2000). Australian and New Zealand Guidelines for Fresh and Marine Water Quality. Volume 1. The Guidelines. Volume 2. Aquatic ecosystems: Volume 3. Primary Industries. ANZECC and ARMCANZ.

Australian Pesticides and Veterinary Medicines Authority (2004). The reconsideration of approvals of the active constituent atrazine. Registrations of products containing atrazine, and their associated labels. Second draft final review report. Canberra, Australia.

Bengtson Nash, S., McMahon, K., Eaglesham, G., Muller, J.F. (2004). Application Of A Novel Phytotoxicity Assay For The Detection Of Herbicides In Hervey Bay And The Great Sandy Straits. *Marine Pollution Bulletin* 51: 351-60.

Bevege and Simpson (1981), cited in Lamb (1986).

Boyd, R., Ruming, K., Davies, S., Payenberg, T., Lang, S. (2004). Fraser Island and Hervey Bay - a classic modern sedimentary environment. In Boulton, P.J., Johns, D.R. and Lang, S.C. (eds.), *Eastern Australian Basins Symposium II*, Petroleum Exploration Society of Australia, Special Publication, 511-521.

Bridges, E.M., Ross, D.J., Thompson, C.H. (1990). Soils of the Mary River Alluvia near Gympie, Queensland. CSIRO Division of Soils Technical Memorandum No. 2/1989. 29pp.

- Bunn, S.E., Davies, P.M., Mosisch, T.D. (1999). Ecosystem measures of river health and their response to riparian and catchment degradation. *Freshwater Biology*, 41: 333-45.
- Campbell, S.J., McKenzie, L.J. (2004). Flood related loss and recovery of intertidal seagrass meadows in Southern Queensland, Australia. *Estuarine, Coastal and Shelf Science* 60(3): 477-490.
- Ciesolka, C., Coughlan, K.J., Rose, C.W., Smith, G.D. (1995). Erosion and Hydrology of Steeplands under Commercial Pineapple Production. Final Project Report. Department of Primary Industries, Toowoomba.
- Costantini, A., Loch, R.J., Connolly, R.D., Garthe, R. (1999). Sediment generation from forest roads: bed and eroded sediment size distributions, and runoff management strategies. *Australian Journal of Soil Research* 37(5): 947-64.
- Costantini, A., Loch, R.J. (2002). Effects of site preparation on runoff, erosion, and nutrient losses from *Pinus* plantations established on the coastal lowlands of south-east Queensland, Australia. *Australian Journal of Soil Research* 40, 1287-1302.
- DeRose, R.C., Prosser, I.P., Wilkinson, L.J., Hughes, A.O., Young, W.J. (2002). Regional Patterns of Erosion and Sediment and Nutrient Transport in the Mary River Catchment, Queensland. CSIRO Land and Water, Canberra, Technical Report 37/02, August 2002.
- Einav, R., Harussi, K., Perry, D. (2002). The footprint of the desalination process on the environment. *Desalination* 152: 141-54.
- Esslemont, G., Fentie, B., Negus, P., Marsh, N. (2006a). Burnett, Mary Regional Water Quality Summary. Water Quality State-Level Project, Brisbane.
- Esslemont, G., Fentie, B., Searle, R., Read, A., Chen, Y., Brodie, J., Wilson, P., Sallaway, M. (2006b). Supplement report: Sediment modelling in the Mary Catchment, p. 1-15. in: Cogle, A.L., Carroll, C. and Sherman, B.S. (eds), The use of Sednet and Annex models to guide GBR Catchment sediment and nutrient target setting. Supplement. Queensland Department of Natural Resources Mines and Water.
- Esslemont, G., Fentie, B., Searle, R., Sherman, B.S., Read, A., Chen, Y., Brodie, J., Wilson, P., Sallaway, M. (2006c). River-bank stabilisation in the Mary Catchment. Factsheet. Department of Natural Resources and Water. 2pp.
- Esslemont, G., Fentie, B., Searle, R., Sherman, B.S., Read, A., Chen, Y., Brodie, J., Wilson, P., Sallaway, M. (2006d). Improving grazing land management in the Mary Catchment. Factsheet. Department of Natural Resources and Water. 2pp.
- Esslemont, G., Maher, W., Ford, P., Lawrence, I. (2007). Riparian Plant Material Inputs to the Murray River, Australia. Composition, Reactivity, and Role of Nutrients. *Journal of Environmental Quality* 36: 963-74.

- Fentie, B., Esslemont, G., Searle, R., Sherman, B.S., Read, A., Chen, Y., Brodie, J., Wilson, P., Sallaway, M. (2006). Sediment and nutrient modeling in the Burnet Mary NRM region. P. 1-27. In: A.L., Cogle, C. Carroll and B.S. Sherman (eds.), The use of SedNet and Annex models to guide GBR catchment sediment and nutrient target setting. V.6. Queensland Department of Natural Resources Mines and Water.
- Great Barrier Reef Marine Park Authority (2008). Water Quality Guideline for the Great Barrier Reef Marine Park. Great Barrier Reef Marine Park Authority, Townsville.
- Hayes T.B., Haston, K., Tsui, M., Hoang, A., Haeffele, C., Vonk, A. (2002). Feminization of male frogs in the wild. *Nature* 419: 895-6.
- Hunter, H.M., Armour, J.D. (2001). Offsite movement of nutrients: Contrasting issues at three Australian study sites. In *Offsite Movement of agrochemicals in tropical sugarcane production: Extension Workshop, Bundaberg, Australia*. Department of Natural Resources and Mines, Bundaberg: 69-77.
- Johnston, P.J.M., Wylie, F.R. (1984). Casuarina dieback in the Mary River Catchment. *Queensland Agricultural Journal*, Vol 110, No. 1.
- Johnson, D.P. (1997). State of the Rivers Mary River and Major Tributaries: An ecological and Physical Assessment of the Condition of Streams in the Mary River Catchment. Queensland Department of Natural Resources, Brisbane. 72pp.
- Jones, R., Kerswell, A. (2003). Phytotoxicity Evaluation Of Photosystem II (PSII) Herbicides On Scleractinian Coral. *Marine Ecology Progress Series* 261: 149-59.
- Jones, R. (2005). The Ecotoxicological Effects Of Photosystem II Herbicides On Corals. *Marine Pollution Bulletin* 51: 495-506.
- Kennard, M.J., Mackay, S.J., Arthington, A.H. (1998). Development of predictive models of fish assemblage structure in South East Queensland Rivers. Final Report LWRRDC Project GRU-19 Appendix 2.
- Lake Baroon Catchment Care Group (2007). Large Scale Waterway Rehabilitation Business Case. Technical Report, Principal Consulting Pty. Ltd. 80pp.
- Lamb, D. (1986). Forestry. In Russell, J.S. and Isbell, R.F. (eds.) *Australian Soils: The Human Impact*. University of Queensland Press, Brisbane.
- Larcombe, P.; Carter, R.M. (2004). Cyclone pumping, sediment partitioning and the development of the Great Barrier Reef shelf system: a review. *Quaternary Science Reviews* 23, 107-135.

- Lee Long, W.J., Mellors, J.E., Coles, R.G. (1993). Seagrasses between Cape York and Hervey Bay, Queensland, Australia. *Australian Journal of Marine and Freshwater Research* 44: 19 – 31.
- Lee Young, S.A. (1994). Assessment of water quality in the Mary Catchment, Queensland. *Water Down Under 94*, Adelaide, Australia, 21-25 November 1994: 55-60.
- Loch, R.J. (2000). Effects of vegetation on runoff and erosion under simulated rain and overland flow on a rehabilitated site on the Meandu Mine, Tarong, Queensland. *Australian Journal of Soil Research* 38: 299-312.
- Mackay, S.J., Arthington, A.H., Kennard, M.J., Pusey, B.J. (2003). Spatial variation in the distribution and abundance of submersed macrophytes in an Australian Sub-tropical River. *Aquatic Botany* 77: 169-86.
- Mary River Study Task Force (1992). *Our Mary River: A Study of the Mary River (Bell's Bridge to River Heads)*. Mary River Study Task Force, Maryborough.
- Marsh, N., Tennakoon, S., Arene, S. (2006). Loads Tool: A tool to calculate and compare loads of constituents in rivers. *Water Quality State Level Investment Project*.
- McMahon, K., Bengtson Nash, S., Eaglesham, G., Muller, J.F., Duke, N.C., Winderlich, S. (2005). Herbicide Contamination and the Potential Impact to Seagrass Meadows in Hervey Bay, Queensland, Australia. *Marine Pollution Bulletin* 51: 325-34.
- McNamara, C. (1984). *Report on Mary River Bank Stability*. Cameron McNamara Consultants. 127pp.
- Miller, M.C. (1985). Water Quality Enhancement in the Burnett River. *Water*: 28-37.
- Pickersgill, G. (1999). *Conservation and Restoring Riparian Habitats for Mary River Cod*. World Wide Fund for Nature, Project No: 265. 13pp.
- Preen, A.R., Lee Long, W.J., Coles, R.G. (2000). Flood and cyclone related loss, and partial recovery, of more than 1000 Km² of seagrass in Hervey Bay, Queensland, Australia. *Aquatic Botany* 52(1-2): 3-17.
- Queensland Dairyfarmers Organisation (2008). *PA0147 Competitive Tender Program – East Gympie Dairy Group. Final Report*, Queensland Dairyfarmers Organisation. 21pp.
- Queensland Environmental Protection Agency (2004). *Information Report Environmental Value Projects*. Queensland Environmental Protection Agency, Brisbane. 95pp.
- Queensland Environmental Protection Agency (2006). *Queensland Water Quality Guidelines 2006*. Queensland Environmental Protection Agency, Brisbane. 121pp.

- Queensland Government (2007). Wide Bay Burnett Regional Plan 2007 – 2026: The principal regional strategy for guiding growth and sustainability in the Wide Bay Burnett Region. Queensland Government Department of Local Government, Planning, Sport and Recreation. 118pp.
- Rassam D.W., Pagendam D.E., Hunter H.M. (2008). Conceptualisation and application of models for groundwater-surface water interactions and nitrate attenuation potential in riparian zones. *Environmental Modelling & Software* 23: 859-875
- Ribbe, J. (2008). Final Report: A0074 – Monitoring and assessing salinity and temperature variations in Hervey Bay. University of the Sunshine Coast, Unpublished Report. 45pp.
- Ridley, M. (2004). *Evolution*. Blackwell Publishing. 751pp.
- Saintilan, N. (1996). Mangrove Environments of The Mary River. *Wetlands(Australia)* 15(1): 31-8.
- Schlager, W., Marsal, D., van der Geest, P.A.G., Sprenger, A. (1998). Sedimentation rates, observation span, and the problem of spurious correlation. *Mahemathical Geology* 30(3): 547-556.
- Shields, P.G. (2005). Land cover and land degradation within rural lands of the Burnett Mary Region. Land Resource Assessment and Management Pty., Ltd., Brisbane. 23pp.
- Simpson, B.W., Hargreaves, P.A., Ruddle, L.J., Packett R., Sallaway, M. (2000). Pesticide Transport In Sugar Production Systems. Sugar Research and Development Corporation Final Report Nr001. 35pp.
- Simpson, B.W., Fraser, G., Armour, J., Hargreaves, P., Ruddle, L. (2001). Pesticide Studies – Australia. In: Offsite movement of agrochemicals in tropical sugarcane production: Extension Workshop, Bundaberg, Australia. Department of Natural Resources and Mines, Bundaberg: 87-100.
- Stork, P.R., Bennett, F.R., Bell, M.J. (2007). Benchmarking Pesticides and Nutrients in Horticulture and New Sugarcane Farming Systems (AG05). Department of Primary Industries and Fisheries, Queensland. Unpublished Report. 42pp.
- Stuart, I.G., Berghuis, A.P. (2002). Upstream passage of fish through a vertical slot fishway in an Australian sub-tropical river. *Fisheries, Management and Ecology* 9: 111-22.
- Taylor, St. R., McLnnan, S.M. (1985). *The continental crust: its composition and evolution*. Blackwell Scientific Publications. Geoscience texts.
- Tilleard, J.W., Erskine, W.D., Rutherford, I.D. (1994). Impacts of River Murray Flow Regulation on Downstream Channel Morphology. In: *Water Down Under 94*:

Surface Hydrology and Water Resources Papers; Preprints of papers; Pages: 409 – 415. Barton ACT: Institution of Engineers, Australia, 1994. National Conference Publication (Institution of Engineers, Australia): No. 94/15.

- Todd, A. (2008a). Groundwater Quality Investigation, Upper Obi Obi Catchment. South East Queensland catchments report.
- Todd, A. (2008b). Groundwater investigation of the Woodgate Area. Report to the Woodgate and District Residents Association and the Burnett Mary Regional Group for Natural Resource Management.
- Ivanov, S. (1996). Variability of sedimentary sequence: numerical modeling of the deposition-erosion process. *Journal International Journal of Earth Sciences* 85(1): 12-8
- Ward, W.T., Little, I.P., Thompson, C.H. (1979). Stratigraphy of two sandrocks at Rainbow Beach, Queensland, Australia, and a note on humate composition. *Palaeogeography, Palaeoclimatology, Palaeoecology* 26: 305-16.
- Watson, D., Wedlock, B., Skrokov, L. (2005). Mary River Catchment Water Quality Monitoring Recommendations Report.
- Waycott. M., Longstaff, B.J., Mellors, J. (2005). Seagrass population dynamics and water quality in the Great Barrier Reef region: A review and future research directions. *Marine Pollution Bulletin* 51 (1-4): 343-350.
- Wigginton D.W., Raine, S.R. (1999). Mary River Catchment Water Use Efficiency Project. Scoping Study. National Centre for Engineering in Agriculture, University of Southern Queensland, Toowoomba.