

- Agriculture New Zealand Ltd 2000. *Intra-regional Spending Patterns of Canterbury Farmers*. MAF Technical Paper No: 2001/2, prepared for MAF Policy, Wellington.
- Allen, RG; Pereira, LS; Raes, D; Smith, M 1998: Crop evapotranspiration Guidelines for computing crop water requirement. FAO Irrigation and Drainage Paper 56. Food and Agriculture Organization of the United Nations, Rome, 1998. ISBN 92-5-104219-5.
- ANZECC 2000 Australian and New Zealand Guidelines for Freshwater and Marine Water Quality Volume 1: The Guidelines, Volume 2: Aquatic Ecosystems Rationale and background Information. Australian and New Zealand Environment and Conservation Council.
- Aqualinc 2005a: Canterbury groundwater model. Report No L05007-8/1, prepared for The Dunsandel Groundwater Users Association and The Ashburton Community Water Trust. Aqualinc Research Ltd.
- Aqualinc 2005b: Central Plains Water Irrigation Scheme preliminary assessment of effects on the groundwater environment Aqualinc Research Limited Report L05248/1.
- Bowden, M.J. et al 1983 In terim report on the groundwater resource of the Central Plains Report of the North Canterbury Catchment Board and Regional Water Board, Christchurch.
- Brown, LJ; Beetham, RD; Paterson BR; Weeber, JH 1995: Geology of Christchurch, New Zealand. *Environmental and Engineering Geoscience*, Vol 1(4):427-488.
- Brown, L.J. and J.H. Webber 2002 *Groundwaters of the Canterbury Region* Canterbury Regional Council Report No. R00/10.
- Butcher Partners Ltd (2000). Central Plains Water Enhancement: Economic and Social Impact of Proposed Irrigation Schemes. Central Plains Water Enhancement Committee, Selwyn District Council and Christchurch City Council, Leeston.
- Close, MR; Rosen, MR; Smith, VR 2001: Fate and transport of nitrates and pesticides in New Zealand's aquifers. *In Groundwaters of New Zealand, MR Rosen and PA White (eds.)*. New Zealand Hydrologic Society, Inc.
- CPW 2004: Prospectus & Investment Statement for Central Plains Water Ltd.

 http://www.cpwl.co.nz/prospectus.html, dated 11 November 2004. Central Plains Water Ltd.
- Crawford, S.J., G.A. Griffiths, G.A. Horrell 1996 *Surface water hydrology* Chapter 7 <u>in</u> Taylor, K.J.W. *The natural Resources of Lake Ellesmere (Te Waihora) and its catchment* Report 96(7) Canterbury Regional Council.
- Glova, G.J. & G. Hulley, 1998 *Tutaepatu Lagoon devastated by drought*. NIWA Water & Atmosphere 6(1):5.



- Godshalk, G.L.; Barko, J.W. 1985. Vegetative succession and decomposition in reservoirs. pp. 59-78. *In:* Microbial Processes in Reservoirs. Gunnison, D. (Ed.). Dr. W. Junk Publishers. Dordrecht, Netherlands.
- Gunnison, D.; Engler, R.M.; Patrick, W.H. Jr. 1985. Chemistry and microbiology of newly flooded soils: Relationship to reservoir-water quality. pp. 39-58. *In* Microbial Processes in Reservoirs. D. Gunnison (ed.). Dr. W. Junk Publishers. Dordrecht, Netherlands.
- Hanson, CR 2002: Nitrate concentrations in Canterbury groundwater A review of existing data. Report No R02/17. Environment Canterbury.
- Haynes, RJ and Francis, GS 1990: Effects of mixed cropping farming systems on changes in soil properties on the Canterbury Plains. *New Zealand Journal of Ecology* 14:73-82.
- Hayward, S.A. 2002 *Christchurch-West Melton groundwater quality* Canterbury Regional Council Report No. U02/47.
- Henriques, P.R. (Ed.). 1987. Aquatic Biology and Hydroelectric Power Development in New Zealand. Oxford University Press, Aukland. 277 p.
- Hunt, L. (1998). *Changing to Cows: the impact of land use change in the Amuri*. NSOF Dairy Programme 1997-98 Internal Report 2.2, Agresearch, Lincoln.
- Jellyman, D.J. 1989 *Diet of two species of freshwater eel* (Anguilla *spp*) *in Lake Pounui, New Zealand.* NZJ marine and Freshwater Research 23:1-10.
- Jolly, Dyanna (2005). *Central Plains Water Enhancement Scheme: An assessment of impacts on Ngāi Tahu values*. October 2005. Report for Central Plains Water Limited on behalf of Te Taumutu Rūnanga, Te Ngāi Tūāhuriri Rūnanga and Te Rūnanga o Ngāi Tahu.
- Jolly, V.H.;. Irwin, J. 1975. Physical characteristics: Thermal conditions. pp 190-105.. *In:* New Zealand Lakes. Jolly, V.H.; Brown, J.M. (Eds.). Auckland University Press, Auckland.
- Kirk, R.M. 1989 *Dustr storms (loess genesis) at Lake Tekapo, October 1989* A report to South island Hydro Group, Production Division, Electricorp, Dunedin.
- LE 1999: Issues related to the renewal of the stock water race resource consents. Report No 4339/1, prepared for Selwyn District Council. Lincoln Environmental, a division of Lincoln Ventures Ltd.
- Lewthwaite, W.J. 2001 Technical note to Central Plains Water Enhancement Steering Committee on Canal Leakage.
- Lincoln Environmental, 2002 *Canterbury Strategic Water Study* Lincoln Environmental Report 4557/1 prepared for Ministry of Agriculture and Forestry, Environment Canterbury, and Ministry for the Environment. 270p.



- Macfarlane, D.F. 1988 Lower Waitaki Power Investigations Summary and assessment of engineering geological investigations up to December 1987 New Zealand Geological Survey Report, DSIR.
- MAF 2000: Implications of Groundwater Nitrate Standards for Agricultural Management. Technical Paper 2000/15. Ministry of Agriculture and Forestry.
- Mason, C.R., S.H. Larsen, & J.H. Weeber 1996 *Physical Description of the catchment* Chapter 3 in Taylor, K.J.W. *The natural Resources of Lake Ellesmere (Te Waihora) and its catchment* Report 96(7) Canterbury Regional Council.
- McCrostie Little, H. and Taylor, N. (2001). *Social and economic impacts associated with irrigated land use change*. Paper presented to the New Zealand Association for Agricultural and Resource Economics (NZAERS) Conference, Blenheim, 6-7 July.
- McDowall, R.M. 1990 *New Zealand freshwater fishes: a natural history and guide* Auckland, Heinemann-Reed.
- McKerchar, A.I., & R.D. Henderson 2003 *Shifts in flood and low-flow regimes in New Zealand rivers due to interdecadal climate variations* Hydrological Sciences Journal 48(4): 637 654.
- Meredith, A.S. 1999. Water Quality of Lake Opuha: Limnological issues in a newly formed lake. Environment Canterbury Unpublished Report. June 1999.
- Monaghan, RM; Paton, RJ; Smith, LC; Binet, C 2000: Nutrient losses in drainage and surface runoff from a cattle-grazed pasture. *Proceedings of the New Zealand Grasslands Association*, 62: 99-104.
- Morgan, M; Bidwell, V; Bright, J; McIndoe, I; Robb, C 2002: Canterbury strategic water study. Report No 4557/1. Lincoln Environmental, a division of Lincoln Ventures Ltd.
- Morris G.L.; Fan J. 1997, Reservoir Sedimentation Handbook: Design and Management of Dams, Reservoirs and Watersheds for Sustainable Use.
- MWD 1985 *Lower Rakaia irrigation scheme engineering feasibility report* Report prepared by Civil Design Office, Ministry of Works and Development, Christchurch.
- NIWA 2002 Central Plains Water Enhancement: an assessment of potential environmental effects of the Waianiwaniwa Reservoir site NIWA Client Report CHC2002-033
- Ryan, A.P. 1987 *The climate and weather of Canterbury (including Aorangi)* New Zealand Meteorological Service Miscellaneous Publication 115(17).
- Smith, J.M. 1991. Wind-wave generation on restricted fetches. Miscellaneous Paper CERC-91-2, Coastal Engineering Research Center, Vicksburg.
- Smith, VR 1993: Groundwater Contamination by Organic Chemicals in Canterbury. Report No 93(20). Canterbury Regional Council.



- Stewart, M.; Trompetter, V.; and R van der Raaji 2002 *Age and source of Canterbury Plains groundwater* Canterbury Regional Council Report No. U02/30.
- Streeter, VL and Wylie, EB 1983: *Fluid mechanics*. First SI metric edition. McGraw-Hill Book Company.
- Taylor, KJW 1996: *The natural resources of Lake Ellesmere (Te Waihora) and its catchment*. Report No 96(7). Edited by KJW Taylor. Environment Canterbury
- URS 2002a *Central Plains Water Enhancement Feasibility Study*. Report for Central Plains Water Enhancement Committee, Selwyn District Council, and Christchurch City Council.
- URS 2002b *Waianiwaniwa Reservoir Feasibility*. Report for Central Plains Water Enhancement Committee, Selwyn District Council, and Christchurch City Council.
- URS 2002c *Geotechnical investigations for the proposed Waianiwaniwa water storage dam.* Report for Central Plains Water Enhancement Committee, Selwyn District Council, and Christchurch City Council.
- URS 2006 Central Plains Water Enhancement Scheme, Dam Safety Assurance Report. March 2006. Report for Central Plains Water Limited.
- Vanoni, 1997, Sedimentation Engineering, ASCE-Manuals and Reports on Engineering Practice-No.1954
- Viner, A.B.; White, E. 1987. Lake Plankton Processes: Phytoplankton Growth. pp 191-224. *In:* Inland Waters of New Zealand. Viner, A.B. (Ed.). DSIL Bulletin 241. Department of Science and Industrial Research, Wellington, New Zealand.
- Ward, J.C. et al 1996 Water quality of the Lake and Tributaries Ch 8, in Taylor, K.J.W. The natural Resources of Lake Ellesmere (Te Waihora) and its catchment Report 96(7) Canterbury Regional Council.

