

9. REFERENCES

- BPA 1989. *Green Island Data Report*. Beach Protection Authority Queensland
- BPA 1990. COPE - Coastal observation programme - engineering. Beach Protection Authority of Queensland newsletter. *Beach Conservation* No.69.
- Braithwaite, C.J.R. 1973. Settling behaviour related to sieve analysis of skeletal sands. *Sedimentology*, vol. 20, pp251-262.
- Catterall, C.P., Poiner, I.R. and Kerr, J. 1990. Impact of dredging on the volute *Cymbiolacca pulchra* and its environment at Heron Island, Great Barrier Reef, Australia. Report to the Great Barrier Reef Marine Park Authority, October 1990. 26pp.
- CERC 1984 *Shore Protection Manual*. US Army Corps of Engineers, Coastal Engineering Research Center, Vicksburg, Miss. vol.1.
- DHM 1970-1972. Erosion - Heron Island. Various unpublished internal reports of field inspections. Department of Harbours and Marine, Brisbane.
- DHM 1984. Heron Island - hydrographic and detail survey. Department of Harbours and Marine, Qld., Survey Plan No. 5801-10.
- DHM 1989, 1990. *Queensland Official Tide Tables 1989 (1990)*. Department of Harbours and Marine, Qld.
- Fisk, D.A. 1990. Final report on a benthic baseline study established at Heron Island reef during February 1989. Report to the Great Barrier Reef Marine Park Authority, August 1990.
- Fisk, D.A. 1991. Final report on the resurvey of Heron Island reef flat monitoring stations April 1990. Report to the Great Barrier Reef Marine Park Authority, July 1991.
- Flood, P.G. 1974. Sand movements on Heron Island - a vegetated sand cay, Great Barrier Reef Province, Australia. *Proceedings: Second International Coral Reef Symposium*. vol.2, pp387-394.
- Flood, P.G. 1981. A pictorial record of the shoreline changes on the western end of Heron Island 1936-1980. University of New England, Department of Geology.
- Flood, P.G. 1984. *Changes in the shoreline position of six coral cays, Capricornia Section, Great Barrier Reef Marine Park. A record to 1984*. University of New England, Department of Geology and Geophysics. 67pp.
- Flood, P.G. 1986. Sensitivity of coral cays to climatic variations, southern Great Barrier Reef. *Coral Reefs*, vol.5, pp13-18.
- Flood, P.G. 1988. Shoreline Changes on Coral Cays, Capricornia section, Great Barrier Reef Marine Park, Australia. *Proceedings: Sixth International Coral Reef Symposium*, Townsville, 8-12 August 1988. Symposium Executive Committee, Townsville, vol.2, pp219-224.

- Flood, P.G. 1991. Wind, sunspots, ENSO and coral cays. *Proceedings: Engineering in Coral Reef Regions Conference*, Magnetic Island, Townsville, 5-7 November 1990. Univ.Qld, Dept.Civ.Engng, pp 265-268.
- Flood, P.G. and Jell, J.S. 1977. The effect of cyclone "David" : (January 1976) on the sediment distribution patterns on Heron Reef, Great Barrier Reef, Australia. *Proceedings : Third International Coral Reef Symposium*, Miami, Florida, vol. 2, pp 120-125.
- Folk, R.L. and Ward, W.C. 1957. Brazos River bar : a study in the significance of grain size parameters. *Journal Sedimentary Petrology*, vol.27, pp3-26.
- Gourlay, M.R. 1983a. Accretion and erosion of coral cays and some consequent implications for the management of marine parks. In Baker, J.T., Carter, R.M., Sammarco, P.W. and Stark, K.P. (eds): *Proceedings of the Great Barrier Reef Conference*, Townsville, 1983, JCU Press, Townsville, pp475-482.
- Gourlay, M.R. 1983b. Interaction between natural processes and engineering works on the leeward side of a coral cay : a case study of Heron Island on the Great Barrier Reef. *International Conference on Coastal and Port Engineering in Developing Countries*, Colombo, 20-26 March 1983. Conference Organising Committee, Colombo. vol.2, pp1468-1482.
- Gourlay, M.R. 1988. Coral Cays : Products of Wave Action and Geological Processes in a Biogenic Environment. *Proceedings Sixth International Coral Reef Symposium*, Townsville, 8-12 August 1988. Symposium Executive Committee, Townsville, vol.2, pp491-496.
- Gourlay, M.R. 1991a. Coastal observations for monitoring environmental conditions on a coral reef island. *Coastal Engineering - Climate for Change : Proceedings 10th Australasian Conference Coastal and Ocean Engineering*, Auckland, 2-6 December 1991. DSIR Marine and Freshwater, Water Quality Centre, Hamilton, N.Z. Pub. No.21, pp73-77.
- Gourlay, M.R. 1991b. Monitoring of Heron Island dredge spoil dump. *Proceedings: Engineering in Coral Reef Regions Conference*, Magnetic Island, Townsville, 5-7 November 1990. Univ. Qld, Dept. Civ. Engng, pp177-182.
- Gourlay, M.R. 1991c. Waves, set-up and currents on reefs - cay formation and stability. *Proceedings : Engineering in Coral Reef Regions Conference*, Magnetic Island, Townsville, 5-7 November 1990. Univ. Qld, Dept. Civ. Engng, pp249-264.
- Gourlay, M.R. and Flood, P.G. 1981. Impact of Coastal Engineering Works on a Coral Cay : Heron Island. *Preprints: Environmental Engineering Conference*, Townsville, 8-10 July 1981. Inst.Engrs, Aust., Nat. Conf. Pub. No.81/6, pp159-163.
- Gourlay, M.R. and Jell, J.S. 1988. Heron Island Boat Harbour. A report to Great Barrier Reef Marine Park Authority on inspection of spoil dump and its effects May 1988. 26pp.
- Gourlay, M.R. and McMonagle, C.J. 1989. Cyclonic wave prediction in the Capricornia Region, Great Barrier Reef. *Preprints: 9th Australasian Conference Coastal and Ocean Engineering*, Adelaide, 4-8 Dec. 1989. Inst. Engrs, Aust., Nat. Conf. Pub. No. 89/20, pp112-116.

- Hardy, T.A., Young, I.R., Nelson, R.C. and Gourlay, M.R. 1991a. Wave attenuation on an offshore coral reef. *Proceedings: 22nd Coastal Engineering Conference*, Delft, 2-6 July 1990. Am. Soc. Civ. Engrs, New York, vol.1, pp330-344.
- Hardy, T.A., Young, I.R., Nelson, R.C. and Gourlay, M.R. 1991b. Wave attenuation on a coral reef. *Australian Civil Engineering Transactions*, vol.CE33, pp17-22.
- HIRS - RRIS 1988. Proposal to investigate the impact of dredging the harbour at Heron Island in September-October 1987 - incorporating the establishment of a long-term monitoring program. Joint proposal to GBRMPA by Heron Island Research Station and Reef Research & Information Services. May 1988.
- Jell, J.S. and Flood, P.G. 1977. Guide to the geology of reefs of the Capricorn and Bunker Groups, Great Barrier Reef Province, with special reference to Heron Reef. *Papers Department of Geology University of Queensland* 8(3), pp1-85.
- Kinsey, D.W. 1988. Report on condition of Heron Island Reef - Post-harbour dredging. GBRMPA Unpublished Internal Report. March 1988.
- Maiklem, W.R. 1968. Some hydraulic properties of bioclastic carbonate grains. *Sedimentology*, vol.10, pp101-109.
- Maxwell, W.G.H., Day, R.W. and Fleming, P.J.G. 1961. Carbonate sedimentation on the Heron Island Reef, Great Barrier Reef. *Journal of Sedimentary Petrology*, vol. 31, pp215-230.
- Maxwell, W.G.H., Jell, J.S. and McKellar, R.G. 1963. A preliminary note on the mechanical and organic factors influencing carbonate differentiation, Heron Island Reef, Australia. *Journal of Sedimentary Petrology*, vol.33, pp962-963.
- Maxwell, W.G.H., Jell, J.S. and McKellar, R.G. 1964. Differentiation of carbonate sediments on the Heron Island Reef. *Journal of Sedimentary Petrology*, vol.34, pp294-308.
- Nelson, R.C. 1985. Wave heights in depth limited conditions. *Transactions Institution Engineers, Australia - Civil Engineering*, vol. CE27, No.2, pp210-215.
- Robinson, D.A. and Jones, C.M. 1977. Queensland Volunteer Coastal Observation Programme - Engineering (Cope). *Preprints: 3rd Australian Conference Coastal and Ocean Engineering*, Melbourne, 18-21 April 1977. Inst. Engrs, Aust., Nat. Conf. Pub. No. 77/2, pp88-95.
- Silvester, R. 1974. *Coastal Engineering*, vol.2, Elsevier, Amsterdam, 338pp.
- Smith, E.R. and Wagner, S.E. 1991. Littoral environment observation program. *Journal of Coastal Research*, vol.7, no.3, pp595-605.