

References

- Agula, C. (2002). Scarcity of water is a limiting factor for development. The Namibian, Windhoek, May 24 2002, in discussion of Social Impact Assessment and Policy Analysis Corporation Vision 2030 Report.
- Arnell, N.W. (1999). Climate change and global water resources. *Global Environmental Change* 9:31-49.
- Bakun, A. (1990). Global climate change and intensification of coastal ocean upwelling. *Science* 247:189-201.
- Basson, M.S., Van Niekerk, P.H. and Van Rooyen, J.A. (1997). Overview of water resources availability and utilization in South Africa. Department of Water Affairs and Forestry Report, South Africa.
- BCLME (1999). Transboundary Diagnostic Analysis for the Benguela Current Large Marine Ecosystem. UNDP, Windhoek.
- Beardall, J., Beer, S. and Raven, J.A. (1998). Biodiversity of marine plants in an era of climate change: some predictions based on physiological performance. *Botanica Marina* 41:113-123.
- Beeftink, W.G. (1979). The structure of salt marsh communities in relation to environmental disturbances. p. 77-93 In: Jefferies, R.L. and Davy, A.J. (eds.) *Ecological Processes in Coastal Environments*. Blackwell, Oxford, UK.
- Bennett, B.A. (1991). Long-term trends in the catches by shore anglers in False Bay. *Transactions of the Royal Society of South Africa* 47(4&5): 683-690.
- Bennett, B.A. (1993). An assessment of the potential effects of reduced freshwater inputs to the fish community of the Berg River Estuary. In: *Berg Estuary and Floodplain Ecological Water Requirements, Working Documents*. Berg River Estuary Work Session 15-18 March, 1993. Department of Water Affairs and Forestry, South Africa.
- Bennett, B.A. (1994). The fish community of the Berg River estuary with an assessment of the likely effects of reduced freshwater inflows. *South African Journal of Zoology* 29:118-125.
- Berg, R.R. (1993). Hydrology of the Berg River Estuary. *Berg Estuary and Floodplain Ecological Water Requirements, Working Documents*. Berg River Estuary Work Session 15-18 March, 1993. Department of Water Affairs and Forestry, South Africa.
- Boyer, D.C., Kirchner, C.H., McAllister, M.K., Staby, A. and Staalesen, B.I. (2001). The orange roughy fishery of Namibia: lessons to be learned about managing a developing fishery. *South African Journal of Marine Science* 23:205-221.
- Braune, E and Rogers, K.H. (1987). The Vaal River Catchment: Problems and Research Needs. South African National Scientific Programmes Report No. 143. CSIR, Pretoria.
- Brouwer, S.L., Mann, B.Q., Lamberth, S.J., Sauer, W.H.H. and Erasmus, C. (1997). A survey of the South African shore-angling fishery. *South African Journal of Marine Science*, 18: 165-177.
- Brown, A.C. (1987). Marine pollution and health in South Africa. *South African Medical Journal*, 71: 244-248.
- Brown, P.C. and Cochrane, K.L. (1991). Chlorophyll a distribution in the southern Benguela, possible effects of global warming on phytoplankton and its implication for pelagic fish. *South African Journal of Science* 87:233-242.
- Brundrit, G.B. (1995). Trends of southern African sea level: statistical analysis and interpretation. *South African Journal of Marine Science* 16:9-17.
- Brundrit, G.B. and Shannon, L.V. (1989). Cape storms and the Agulhas Current: a glimpse of the future? *South African Journal of Science* 85:619-620.
- Bruwer, C.A. (1978). The Rehabilitation of a small Eutrophic Urban Lake. MSc thesis, University of Stellenbosch, South Africa.
- Bruwer, C.A. (1979). The Economic Impact of Eutrophication in South Africa. Technical Report No. 94. Department of Water Affairs, South Africa.

- Bruwer, C.A. (1986). Macrophytes in the Vaal River. p 150-157 In: The Vaal River Ecosystem: Status and problems. Proceedings of a Joint Symposium Convened by the Foundation for Research Development and the Vaal River Catchment Association. FRD Occasional Report No. 5.
- Cambray, J.A., Davies, B.R. and Ashton, P.J. (1986). The Orange-Vaal River System. p 89-122 In: Davies, B.R. and Walker, K.F. (eds.) The Ecology of River Systems. Monographiae Biologicae 60, Dr W Junk, Dordrecht.
- Chutter, F.M. (1963). Hydrobiological studies on the Vaal River in the Vereeniging area. Part 1. Introduction, water chemistry and biological studies on the fauna of habitats other than muddy bottom sediments. *Hydrobiologia* 21:1-65.
- Chutter, F.M. (1967). Hydrobiological studies on the Vaal River and some of its Tributaries, including an Introduction to the Ecology of *Simulium* in its Lower Reaches. Unpublished PhD thesis, Rhodes University, South Africa.
- Chutter, F.M. (1968). On the ecology of fauna of stones-in-the-current supporting a very large *Simulium* (Diptera) population. *Journal of applied Ecology* 5:531-561.
- Chutter, F.M. (1971). Hydrobiological studies in the catchment of the Vaal Dam, South Africa. Part 2. The effects of stream contamination on the fauna of stones-in-current and marginal biotopes. *Internationale Revue der gesamten Hydrobiologie* 56:227-240.
- CIA (2003). CIA World Factbook. Retrieved January, 2003 from <http://www.odci.gov/publications/factbook/>.
- Clark, B.M. (1999). Scoping study and initial environmental assessment for the proposed extension of the Zandvleit or Macassar waste water treatment works and associated infrastructure: Impacts on aquatic fauna of the Eerste Estuary. Anchor Environmental Consultants, South Africa. Unpublished report.
- Clark, B.M., Steffani, N.C., Young, S., Richardson, A.J. and Lombard, A.T. (2000). The effects of climate change on marine biodiversity in South Africa. Report prepared for the Foundation for Research Development, South African Country Study on Climate Change, .
- Cockroft, A.C. and Payne, A.I.L. (1999). A cautious fisheries management policy in South Africa: the fisheries for rock lobster. *Marine Policy* 23(6):587-600.
- Conley, A.H. (1995). A Synoptic view of Water Resources in Southern Africa. Paper to South African department of Water Affairs and Forestry, Pretoria, South Africa.
- Crawford, R.J.M., Shannon, L.V. and Pollock, D.E. (1987). The Benguela Ecosystem. Part VI. The major fish and invertebrate resources. *Oceanography and Marine Biology* 25:353-505.
- Crawford, R.J.M., Siegfried, W.R., Shannon, L.V., Villacstin-Herrero, C.A. and Underhill, L.G. (1990). Environmental influences on marine biota off southern Africa. *South African Journal of Science* 86:330-339.
- Crawford, R.J.M., Davis, S.A., Harding, R., Jackxon, L.F., Leshoro, T.M., Meÿer, M.A., Randall, R.M., Underhill, L.G., Upfold, L., Van Dalsen, A.P., Van der Merwe, E., Whittington, P.A., Williams, A.J. and Wolfaardt, A.C. (2000). Initial impacts of the Treasure oil spill on seabirds off western South Africa. *South African Journal of Marine Science* 22: 157-176.
- CSIR (1999). National State of the Environment Report. Marine and Coastal Systems and Resources. Retrieved October 2004, from <http://www.environment.gov.za/soer/nsoer/issues/coast/>.
- Davies, B.R. and Bergh, N. (1999). In: World Commission on Dams, Pilot Study, Orange River Development Project. Final Report, WCD, Cape Town, South Africa.
- Davies, B.R. and Day, J.A. (1998). *Vanishing Waters*. University of Cape Town Press and Juta Press, Cape Town.
- Davies, B.R., O'Keeffe, J.H. and Snaddon, C.D. (1993). A Synthesis of the Ecological Functioning, Conservation and Management of South African River Systems. Special Report to the Water Research Commission, Report No. TT62/93. Pretoria, South Africa.
- De Moor, F.C. (1982). A Community of *Simulium* species in the Vaal River near Warrenton. Unpublished PhD thesis, University of the Witwatersrand, South Africa.
- De Moor, F.C. (1986). Invertebrates of the Lower Vaal River, with emphasis on the Simuliidae. p 135-142 In: Davies, B.R. and Walker, K.F. (eds.) The Ecology of River Systems. Monographiae Biologicae 60, Dr W Junk, Dordrecht.
- Deichmann, U. and Eklundh, L. (1991). Global digital data sets for land degradation studies: a GIS approach, GRID Case Study Series No. 4. UNEP/GEMS and GRID, Nairobi, Kenya.
- Delgado, F. and Kingombo, P.A. (1998). Coastal development and marine environment on artisanal fisheries. First Regional Workshop of the Benguela Current Large Marine Ecosystem, July 22-24, 1998, Cape Town, South Africa.
- Department of Environmental Affairs and Tourism (2000). National State of the Environment Report, South Africa. Retrieved March 2003, from <http://www.ngo.grida.no/soesa>
- Department of Transport (1994). Questions by Senator E.K. Moorcroft to the Minister of Transport. Department of Transport: Parliamentary Questions – Senate 1994. Retrieved February 2002, from <http://www.transport.gov.za/comm-centre/qanda/questions/94senate.html>
- Department of Water Affairs and Forestry (1991). Water Supply to the Eastern Transvaal Highveld. Information Booklet produced by DWAF Liaison Office, Pretoria, South Africa.

- Department of Water Affairs and Forestry (2004). Internal Strategic Perspective: Lower Orange Water Management Area. Prepared by PDNA, WRP Consulting Engineers (Pty) Ltd, WMB and Kwezi-V3 on behalf of the Directorate: National Water Resource Planning. DWAF Report No. PWMA 14/000/00/0304.
- Department of Water Affairs and Forestry (2005). Orange River Project. Retrieved January 2004, from <http://www.dwaf.gov.za/orange>
- Drinkwater, K.F. and Frank, K.T. (1994). Effects of river regulation and diversion on marine fish and invertebrates. *Aquatic Conservation of Marine and Freshwater Ecosystems* 34:135-151.
- Duncombe Rae, C.M., Boyd, A.J., and Crawford, R.J.M. (1992). "Predation" of anchovy by an Agulhas ring: a possible cause of the very poor year class of 1989. *South African Journal of Marine Science* 12:167-173.
- Encarta (2004). Encarta Encyclopaedia, Microsoft Corporation. Retrieved January 2004, from <http://encarta.msn.com>
- Eskom (2003). Retrieved February 2003, from <http://www.eskom.co.za>.
- Gordon, A.L. and Haxby, W.F. (1990). Agulhas eddies invade the south Atlantic – evidence from GEOSAT altimeter and shipboard conductivity-temperature-depth survey. *Journal of Geophysical Research* 95(C3):3117-3125.
- Griffiths, C.L., Hockey, P.A.R., Van Erkom Schurink, C. and Le Roux, P.J. (1992). Marine invasive aliens on South African shores: implications for community structure and trophic functioning. *South African Journal of Marine Science* 12:713-722.
- Griffiths, M.H. (1999). Development of the Cape linefishery during the 20th century: evidence for overexploitation. pp 6-17 In: Mann, B.Q. (ed.) *Proceedings of the Third Southern African Marine Linefish Symposium*, Arniston, 28 April-1 May 1999. Occasional Report of the South African Network for Coastal and Oceanographic Research, No. 5.
- Griffiths, M.H., Attwood, C. and Thompson, R. (1999). Towards a new management protocol for the South African linefishery. p 145-156 In: Mann, B.Q. (ed.) *Proceedings of the Third Southern African Marine Linefish Symposium*, Arniston, 28 April-1 May 1999. Occasional Report of the South African Network for Coastal and Oceanographic Research, No. 5.
- Grobler, D.C., Toerien, D.F. and Rossouw, J.N. (1986). p 116-148 In: *The Vaal River Ecosystem: Status and problems*. Proceedings of a Joint Symposium Convened by the Foundation for Research Development and the Vaal River Catchment Association. FRD Occasional Report, No. 5.
- Häder, K.J.M., Worrest, R.C., Kumar, H.D. and Smith, R.C. (1995). Effects of increased solar UV-B radiation on coastal marine ecosystems. *Ambio* 24:174-180
- Hampton, I., Boyer, D.C., Penney, A.J., Pereira, A.F. and Sardinha, M. (1998). Integrated overview of fisheries of the Benguela current region: a synthesis commissioned by the United Nations Development Programme (UNDP) as an information source for the Benguela Current Large Marine Ecosystem (BCLME) Programme.
- Hara, M.M. (2001). Could marine resources provide a short-term solution to declining fish supply in SADC inland countries? The case of horse mackerel. *Food Policy* 26:11-34.
- Harris, J., Branch, G.M., Sibiyi, C. and Bill, C. (2003). The Sokhulu subsistence mussel-harvesting project: co-management in action. p 61-98 In: Hauck, M. and Sowman, M. (eds.) *Waves of Change*. University of Cape Town Press, Cape Town, South Africa.
- Harrison, A.D. (1958). The effects of sulphuric acid pollution on the biology of streams in the Transvaal, South Africa. *Verhandlungen Internationale Vereinigung für Theoretische und Angewandte Limnologie* 13:603-610.
- Hart, S.A., Sauer, W.H. and Leslie, R. (1998). Preliminary estimates of by-catch in the South African trawling industry: commercial species. International Conference for the Paradi Association and The Fisheries Society of South Africa.
- Hauck, M. and Sweijd, N.A. (1999). A case study of abalone poaching in South Africa and its impact on fisheries management. *ICES Journal of Marine Science* 56:1024-1032.
- Heyns, P., Montgomery, S., Pallett, J. and Seely, M.K. (1988). *Namibia's Water; A Decision Maker's Guide*. Department of Water Affairs, Ministry of Agriculture, Water and Rural Development and The Desert Research Foundation of Namibia.
- Heyns, P., Masundire, H. and Sekwale, M. (1994). *Freshwater Resources*. p 181-206 In: Chenje, M. and Johnson, P. (eds.) *State of the Environment in Southern Africa*. Southern African Research and Documentation Centre, International Union for the Conservation of Nature and Southern African Development Community. Penrose Press, Johannesburg, South Africa.
- Hockey, P.A.R. (1993). Potential Impacts of Water Abstraction on the Birds of the Lower Berg River Wetlands. *Berg Estuary and Floodplain Ecological Water Requirements, Working Documents*. Berg River Estuary Work Session 15-18 March, 1993, Department of Water Affairs and Forestry.
- Hockey, P.A.R. and Van Erkom Schurink, C. (1992). The invasive biology of the mussel *Mytilus galloprovincialis* on the southern African coast. *Transactions of the Royal Society of South Africa* 48:123-139.
- Holtzhausen, H. (1996). Angling in Namibia. *Namibia Environment* 1: 112-115.

- Hotltzhausen, J.A., Kirchner, C.H. and Voges, S.F. (2001). Observations on the linefish resources of Namibia, 1990-2000, with special reference to west coast steenbras and silver kob. *South African Journal of Marine Science* 23:135-144.
- Howell, C.J. and Holmes, G.W. (1969). The control of Simuliidae in the Vaal-Hartz irrigation complex. *Journal of the South African Veterinarian and Medical Association* 40:59-67.
- Hughes, P., Brundrit, G.B. and Shillington, F.A. (1991). African sea-level measurements in the global context of sea-level rise. *South African Journal of Science* 87(9):447-452.
- Huizinga, P., Slinger, J.H. and Boroto, J. (1993). The Hydrodynamics of the Berg River Estuary - A Preliminary Evaluation with respect to Mouth Entrainment and Future Impoundments. Berg River Estuary Work Session, Berg Estuary and Floodplain Ecological Water Requirements, Working Documents. Berg River Estuary Work Session 15-18 March, 1993, Department of Water Affairs and Forestry.
- Hutchings, K. and Lamberth, S.J. (2002). Catch-and-effort estimates of the gillnet and beach-seine fisheries in the Western Cape, South Africa. *South African Journal of Marine Science* 24:205-225.
- Hutchings, K., Lamberth, S.J. and Griffiths, C.L. (2000). Management and socio-economic considerations for the gill and beach seine net fisheries on the west and southwestern coasts of South Africa. Final Report to Directorate: Marine and Coastal Management, Department of Environmental affairs and Tourism, Cape Town, South Africa.
- Impson, N.D. (1997). Conservation and sustainable use of indigenous Western Cape "yellow fishes". The Federation of Southern Africa Flyfishers, Yellowfish Workshop.
- International Rivers Network (2004). Meeting Namibia's needs while sparing the Okavango. Retrieved January 2004, from <http://www.irn.org/programs/okavango>.
- Intertanko (2005). Sources of oil pollution. Retrieved January 2005, from http://www.intertanko.com/communications/issue.asp?topic_id=291.n
- Karoly, D.J. (1988). Evidence of recent temperature trends in the southern hemisphere. p 52-59 In: Pearman, G.I. (ed.) *Greenhouse: Planning for Climate Change*. CSIRO Australia, Melbourne.
- Klein, R.J.T. and Nicholls, R.J. (1999). Assessment of coastal vulnerability to climate change. *Ambio* 28:182-187.
- Kleinschmidt, H. (2000). Funding options for oil spill response in South Africa. Cape Nature Conservation. Retrieved March 2002, from http://www.capenature.org.za/what_is_new/treasure/horst.html
- Kotze, D.C., Breen, C.M. and Quinn, N. (1995). Wetland losses in South Africa. p 263-272 In: Cowan, G.I. (ed.) *Wetlands of South Africa*. Department of Environmental Affairs and Tourism, Pretoria, South Africa.
- Lamberth, S.J., Sauer, W.H.H., Mann, B.Q., Brouwer, S.L., Clark, B.M. and Erasmus, C. 1997. The status of the South African beach-seine and gill-net fisheries. *South African Journal of Marine Science* 18:195-202.
- Landscan (2001). Oak Ridge National Laboratory (ORNL). Retrieved January, 2001 from <http://www.ornl.gov/gist/landscan/index.html>.
- Larkum, A.W.D. and Wood, W.F. (1993). The effects of UV-B radiation on photosynthesis and respiration of phytoplankton, benthic macroalgae and seagrasses. *Photosynthetic Research* 36:17-23.
- Lusher, J.A. (1984). Water quality criteria for the South African coastal zone. South African National Scientific Programmes Report No. 94.
- Lutjeharms, J.R.E. and de Ruiter, W.P.M. (1996). The influence of Agulhas Current on the adjacent coastal ocean: possible impacts of climate change. *Journal of Marine Systems* 7:321-336.
- Lutjeharms, J.R.E. and Gordon, A.L. (1987). Shedding of an Agulhas ring observed at sea. *Nature* 325:138-140.
- Lutjeharms, J.R.E. and Van Ballegooyen, R.C. (1988). Topographic control in the Agulhas Current system. *Deep Sea Research* 31:1321-1337.
- Lutjeharms, J.R.E., Monteiro, P.M.S., Tyson, P.D. and Obura, D. (2001). The oceans around southern Africa and regional effects of climate change. *South African Journal of Science* 97:119-130.
- Mann, B.Q. (2000). Southern African marine linefish status reports. Durban Oceanographic Research Institute, South Africa.
- Mason, S.J., Waylen, P.R., Mimmack, G.M., Rajaratnam, B. and Harrison, M.J. (1999). Changes in extreme rainfall events in South Africa. *Climate Change* 41:249-257.
- McAllister, M.K. and Kirchner, C.H. (2001). Development of Bayesian stock assessment methods for Namibian orange roughy *Haplostethus atlanticus*. *South African Journal of Marine Science* 23:241-264.
- McDowell, C.R. (1993). Vegetation assessment of the Berg River Estuary and floodplain with evaluation of likely impacts arising from proposed upstream water impoundments. Berg Estuary and Floodplain Ecological Water Requirements, Working Documents. Berg River Estuary Work Session 15-18 March, 1993, Department of Water Affairs and Forestry.
- McGrath, M.D., Horner, C.C.M., Brouwer, S.L., Lamberth, S.J., Mann, B.Q., Sauer, W.H.H. and Erasmus, C. (1997). An economic valuation of the South African Linefishery. *South African Journal of Marine Science* 18:203-211.
- Michell, T.D. and Hulme, M. (1999). Predicting regional climate change: living with uncertainty. *Progress in Regional Geography* 23:57-78.

- Ministry of Environment and Tourism (2002). Directorate of Environmental Affairs. Retrieved March 2003, from http://www.dea.met.gov.na/env_issues/env_issues.htm
- Moldan, A. (1994). Impact of a Major Oil Spill. Article of the Department of Environmental Affairs and Tourism. Retrieved March 2003, from <http://sacoast.uwc.ac.za/education/resources/envirofacts/oilspillimpact.htm>
- Morant, P.D., Heydorn, H.J. and Grindley, J.R. (1997). Groot Berg (CW15), Part II, Synopses of available information on individual systems, Report No. 41. Council for Scientific and Industrial Research, South Africa.
- NAMANG Consortium (1998). Feasibility Study Report on the proposed Lower Cunene Hydropower Scheme. Report prepared by Norconsult (Norway), SwedPower (Sweden), Burmeister and Partners (Namibia) and SOAPRO (Angola) for the Permanent Joint Technical Commission (PJTC).
- Nicholls, R.J., Hoozemans, F.M.J. and Marchand, M. (1999). Increasing flood risk and wetland losses due to global sea-level rise: regional and global analyses. *Global Environmental Change* 9:69-87.
- Nicholson, S.E. (1986). The nature of rainfall variability in Africa south of the equator. *Journal of Climatology* 6:515-530.
- Nicholson, S.E. (1993). An overview of African rainfall fluctuations of the last decade. *Journal of Climatology* 6:1463-1466.
- Ninham Shand Inc. (1992). Hydrology of the Berg River Basin; Western Cape Systems Analysis. Prepared by R.R. Berg for Department of Water Affairs and Forestry, Ninham Shand Inc., Report No. PG000/00/2491.
- O'Toole, M.J. and Boyer, D. (1998). An overview of fisheries and some marine environmental issues in Namibian waters. First Regional Workshop of the Benguela Current Large Marine Ecosystem, July 22-24, 1998, Cape Town, South Africa.
- Oliveira, M.P. (1986). Sources of Pollution in the Vaal River. p 32-45 In: The Vaal River Ecosystem: Status and problems. Proceedings of a Joint Symposium Convened by the Foundation for Research Development and the Vaal River Catchment Association. FRD Occasional Report No. 5.
- ORNL (2003). Landscan 2002. Oak Ridge National Laboratory. Retrieved Nov. 2003 from <http://www.ornl.gov/gist>
- Pallett, J., (ed) (1997). Sharing water in South Africa. Desert Research Foundation of Namibia, Windhoek.
- PBMR EIA Consortium (2001). Scoping report for the proposed demonstration module for a pebble bed modular reactor. PBMR Report No. 00-0053.01-003. Retrieved March 2002, from <http://www.pebble-bed.co.za>.
- Petitjean, M.O.G. and Davies, B.R. (1988). Ecological impacts of inter-basin water transfers: Some case studies, research requirements and assessment procedures. *South African Journal of Science* 84: 819-828..
- Pick 'n Pay (2003). Marine Pollution. *Enviro Facts* 14. Retrieved February 2002, from <http://sacoast.uwc.ac.za/education/resources/envirofacts/marinepollution.htm>
- Pieterse, A.J.H. (1986). Aspects of the Ecology of Algal Populations in the Vaal River. p 175-199 In: Proceedings of a Joint Symposium Convened by the Foundation for Research Development and the Vaal River Catchment Association, FRD Occasional Report No. 5, Pretoria, South Africa.
- Pollock, D.E., Crockroft, A.C. and Goosen, P.C. (1997). A note on reduced rock lobster growth rates and related environmental anomalies in the southern Benguela, 1988-1995. *South African Journal of Marine Science* 18:287-293.
- Punt, A.E. and Japp, D.W. (1994). Stock assessment of the kingklip *Genypterus capensis* off South Africa. *South African Journal of Marine Science* 14:133-149.
- Ragab, R. and Prudhomme, C. (2002). Climate and water resources management in arid and semi-arid regions: prospective and challenges for the 21st century. *Biosystems Engineering* 81:3-4.
- Reddering, J.S.V. and Rust, I.C. (1990). Historical changes and sedimentary characteristics of southern African estuaries. *South African Journal of Science* 86:425-428.
- Ryan, P. (1996). Plastic litter in marine systems: Impact, sources and solutions. *Plastics Southern Africa* 20(6):20-28.
- SADC (2002). Directorate Annual Reports 2001-2002. Directorate of Food, Agriculture and Natural Resources, Fisheries:7. Retrieved January 2002, from http://www.sadc.int/index.php?action=a1001&page_id=reports_directorate_2001_fanr9
- SADC (2003). Official SADC Trade Industry and Investment Review 2003. Retrieved April 2003, from <http://www.sadcreview.com>
- SADC (2005). Official SADC Trade Industry and Investment Review 2005. Retrieved March 2005, from <http://www.sadcreview.com>
- Sauer, W.H.H., Penney, A.J., Erasmus, C., Mann, B.Q., Brouwer, S.L., Lamberth, S.J. and Stewart, T.J. (1997). An evaluation of the attitudes and responses to monitoring and management measures for the South African boat-based linefishery. *South African Journal of Marine Science* 18:147-163.
- Sauer, W.H.H., Hecht, T., Britz, P.J. and Mather, D. (2003). An Economic and Sectoral Study of the South African Fishing Industry. Volume 2: Fishery profiles. Report prepared for Marine and Coastal Management by Rhodes University. Retrieved August 2004, from <http://www.envirofishafrica.co.za/projects/ess.html>

- Schrauwen, Y. (1993). Socio-economics for the estuary directly associated with the natural environment. Berg Estuary and Floodplain Ecological Water Requirements, Working Documents. Berg River Estuary Work Session 15-18 March, 1993, Department of Water Affairs and Forestry, South Africa.
- Schulze, R., Meigh, J. and Horan, M. (2001). Present and potential future vulnerability of eastern and southern Africa's hydrology and water resources. *South African Journal of Science* 97:150-160.
- Shannon, L.V., Boyd, A.J., Brundrit, G.B. and Taunton-Clark, J. (1986). On the existence of an El Niño-type phenomenon in the Benguela system. *Journal of Marine Research* 44:495-520.
- Shannon, L.V., Crawford, R.J.M., Pollock, D.E., Hutchings, L., Boyd, A.J., Taunton-Clark, K.L., Badenhorst, A., Melville-Smith, R., Augustyn, C.J., Cochrane, K.L., Hampton, I., Nelson, G., Japp, D.W. and Tarr, R.J.Q. (1992). The 1980s – A decade of change in the Benguela ecosystem. In: Payne, A.I.L., Brinkman, K.H., Mann, K.H. and Hilborne, R. (eds), *Benguela Trophic Functioning*. *South African Journal of Marine Science* 12:271-296.
- Siegfried, W.R., Crawford, R.J.M., Shannon, L.V., Pollock, D.E., Payne, A.I.L. and Krohn, R.G. 1990. Scenarios for global warming induced change in the open ocean environment and selected fisheries of the west coast of southern Africa. *South African Journal of Science* 86:356-373.
- Skelton, P.H. (1993). *A Complete Guide to the Freshwater Fishes of Southern Africa*. Southern Book Publishers, Halfway House.
- Snaddon, C.D., Davies, B.R. and Wishart, M. (1999). *A Global overview of Inter-basin Water Transfer Schemes, with an Appraisal of their Ecological, Socio-economic and Socio-political Implications and Recommendations for their Management*, TT120/00. Water Research Commission, Pretoria
- Sowman, M., Hauck, M. and Branch, G. (2003). Lessons learned from nine coastal and fisheries co-management case studies. p 299-340 In: Hauck, M. and Sowman, M., *Waves of Change*. University of Cape Town Press, Cape Town, South Africa.
- Steffani, C.N. (2001). Interactions between an indigenous limpet, *Scutellastra argenvillei*, and an alien invasive mussel, *Mytilus galloprovincialis*: moderation by wave action. MSc thesis. University of Cape Town, South Africa.
- Tarr, R.J.Q. (1998). Abalone (Perlemoen) resource about to collapse. *SANCOR Newsletter* 4:8-11.
- Tarr, R.J.Q. (2000). The South African abalone (*Haliotis midae*) fishery: a decade of challenges and change. *Journal of Shellfish Research* 19(1):537.
- Tarr, R.J.Q., Williams, P.V.G. and Mackenzie, A.J. (1996). Abalone, sea urchins and rock lobster: a possible ecological shift may affect traditional fisheries. *South African Journal of Marine Science* 17: 319-324.
- Tarr, R.J.Q., Williams, P.V.G., Mackenzie, A.J., Plaganyi, E. and Moloney, C. (2000). South African fishery independent abalone surveys. *Journal of Shellfish Research* 19(1):537.
- Taunton-Clark, J. and Shannon, L.V. (1998). Annual and interannual variability in the south-east Atlantic during the 20th century. *South African Journal of Marine Science* 6:97-106.
- Trevenen-Jones, A. (2000). Treasure oil spill poses challenge for South African environmental policy. 1 Ecomeme 2000. Retrieved February 2004, from <http://www.law.berkeley.edu/journals/elq/ecomeme/jones.html>
- Tyson, P.D. (1986). *Climate Change and Variability in Southern Africa*. Oxford University Press, Cape Town, South Africa.
- Tyson, P.D. (1990). Modeling climatic change in southern Africa: a review of available methods. *South African Journal of Science* 86:318-330.
- Tyson, P.D., Dyer, T.G.J. and Mametse, M.N. (1975). Secular changes in South African rainfall: 1880-1972. *Quarterly Journal of the Royal Meteorological Society* 101:817-833.
- Underhill, L.G., Whittington, P.A., Crawford, R.J.M. and Wolfaardt, A.C. (2000). Five years of monitoring African penguins (*Spheniscus demersus*) after the "Apollo Sea" oil spill: a success story identified by flipper bands. *Vogelwarte* 40(4):215-218. Retrieved March 2004, from <http://www.biosis.org.uk/sotw/021127/021120-zr-c.html>
- UNEP (2000). *Global Environmental Outlook 2000*. Chapter 2: The state of the environment – Africa. Retrieved February 2002, from <http://www.unep.org/geo2000/english/0057.htm>
- UNEP (2005). *Angola Environmental Profile*. Retrieved January 2004, from <http://www.unep.net/profile/index.cfm>
- USGS (2002). *Global GIS Database: Global Land Cover Characteristics*. CD-rom. US Department of the Interior, US Geological Survey, Flagstaff, USA.
- Van der Elst, R.P. (1989). Marine recreational angling in South Africa. p 164-176 In: Payne, A.I.L. and Crawford, R.J.M. (eds.) *Oceans of Life off Southern Africa*. Vlaeberg Publishers, Cape Town, South Africa.
- Van Steenderen, R.A., Theron, S.J. and Hassett, A.J. (1986). Organic micropollutants in the Vaal River. p 58-78 In: *The Vaal River Ecosystem: Status and problems*. Proceedings of a Joint Symposium Convened by the Foundation for Research Development and the Vaal River Catchment Association. FRD Occasional Report No. 5.

- Van Vliet, H.R. (1986). General chemical quality of the Vaal River. p 47-57 In: *The Vaal River Ecosystem: Status and problems*. Proceedings of a Joint Symposium Convened by the Foundation for Research Development and the Vaal River Catchment Association. FRD Occasional Report No. 5.
- Verheye, H.M., Richardson, A.J., Hutchings, L., Marska, G. and Gianokouras, D. (1998). Long-term trends in the abundance and community structure of coastal zooplankton in the southern Benguela system, 1951-1996. In: Pillar, S.C., Maloney, C.L., Payne, A.I.L. and Shillington, F.A. (eds). *Benguela Dynamics*. South African Journal of Marine Science 19:317-332.
- Viljoen, F.C. and Van der Merwe. (1986). Problems and Economics of Bulk Water Supply. p 79-97 In: *The Vaal River Ecosystem: Status and problems*. Proceedings of a Joint Symposium Convened by the Foundation for Research Development and the Vaal River Catchment Association. FRD Occasional Report No. 5.
- Wallace, J.H., Kok, H.M., Beckley, L.E., Bennett, B., Blaber, S.J.M. and Whitfield, A.K. (1984). South African estuaries and their importance to fishes. *South African Journal of Marine Science* 80:203-207.
- Walmsley, R.D. (1991). Stream environments and catchment processes – a South African perspective. p 45-57 In: Pigram, J.J. and Hooper, B.P. (eds.) *Water Allocation to the Environment*. Proceedings of an International Seminar and Workshop. The Centre for Water Policy Research, University of New England, Armidale.
- Walmsley-Hart, S.A., Sauer, W.H.H. and Leslie, R.W. (2000). The quantification of by-catch and discards in the South African demersal trawling industry. 10th Southern African Marine Science Symposium (SAMSS 2000): Land, Sea and People in the new Millennium.
- Western Cape Fishing Industry (2005). Retrieved January 2005, from <http://www.wesgro.org.za>.
- Whitfield, A.K. (1995). Available scientific information on individual South African estuarine systems. Report to the Water Research Commission by the Consortium for Estuarine Research and Management, Report No. 557/1/95. Water Research Commission, Pretoria.
- World Bank (2001). World Development Indicators 2001. Retrieved April 2003, from http://www.worldbank.org/data/wdi2001/pdfs/tab3_6.pdf