

Capítulo 19

Referências

19 REFERÊNCIAS 19-1

Adamowicz, L. and Nhatule, E. 2012. *Archaeological Impact Assessment for the proposed Liquefied Natural Gas Project in Afungi and Cabo Delgado Peninsular, Palma District Cabo Delgado Province*. Cultural Heritage and Archaeology Field Study 20 – 30 OCTOBER 2011. Prepared for Impacto.

Administração Nacional de Pescas (ADNAP), 2013. Plano de Desenvolvimento da Pescaria de Atum em Moçambique (*PEDPA*). Maputo, Moçambique.

Agreco, 2008. National Census of Wildlife. Ministério da Agricultura, Maputo.

Allanson, B.R. and Baird, D. 1999. *Estuaries of Southern Africa*. 340 pp. Cambridge University Press, Cambridge.

AMA1, 2012. Assessment of Sediment Transport and Shoreline Change Potential – Mozambique Field Development. Document EA-MZ-FA0000-MON-U05-00008-00, prepared for Anadarko by Moffat & Nichol, June 2012.

AMA1, 2012. *Mozambique Fact Sheet* 2012. [online] Available at: http://www.anadarko.com/SiteCollectionDocuments/PDF/Fact%20Sheets/2012_APC_MozambiqueFactSheet.pdf [Accessed 16 April 2013].

AMEC, 2011. Hydrogeological Conditions Desk Top Study, LNG Siting in Northern Coastal Mozambique.

AmphibiaWeb, 2012. *Information on Amphibian Biology and Conservation*. [online] Available at: http://amphibiaweb.org/ [Accessed 20 April 2012].

Anadarko, 2012. *Projects Produced Water Quality – from Samples Drawn from an Average Depth of 2750 m below the Seabed. in litt.*

Anadarko Moçambique, N.D. *Air Emissions, Liquid Effluents and Solid Wastes – Construction Phase.* Document EV-AAA-EV1-0003 (adjusted to account for increased workforce and including Near Shore Project contribution).

Anderson, J.L. and Pariela, F. 2005. *Strategies to Mitigate Human-Wildlife Conflicts Mozambique*. Wildlife Management Working Paper No. 8. Food and Agriculture Organization of the United Nations, Rome.

ANZECC, 2000. Australian and New Zealand Guidelines for Fresh and Marine Water Quality. Australia and New Zealand Environment and Conservation Council.

Augusto, G., Nala R, Casmo V, Sabonete A, Mapaco L, Monteiro J., 2009. Geographical Distribution and Prevalence of Schistosomiasis and Soil-Transmitted Helminths among Schoolchildren in Mozambique. American Journal of Tropical Medicine and Hygiene, Forthcoming 2009.

Austral COWI, 2012. *Rapid Health Impact Assessment*. Anadarko Mocambique Area 1 Limitada, AMA1 LNG Project.

Awad, A., Clarke, C., Greyling, L., Hilliard, R., Polglaze, J. and Raaymakers, S. 2004. *Ballast Water Risk Assessment, Port of Saldanha Bay, Republic of South Africa, November* 2003: *Final Report*. GloBallast Monograph Series No. 13. IMO, London.

Bagnold, R.A. 1937. The transport of sand by wind. *The Geographical Journal*. **89(5)** 409-438.

Baker, N.E. and Baker, L.M. 2001. Tanzania. In: Fishpool, L.D.C. and Evans, M.I. (eds) *Important Bird Areas in Africa and Associated Islands: Priority Sites for Conservation*. BirdLife Conservation Series No. 11, pp. 897-945. Pisces Publications and BirdLife International, Newbury and Cambridge, UK.

Bank of Mozambique, 2009. *State Budget Execution Report Year* 2009 *January to December*. Bank of Mozambique, Maputo.

Bank of Mozambique, 2010. *State Budget Execution Report Year* 2010 *January to December*. Bank of Mozambique, Maputo.

Bank of Mozambique, 2011. *State Budget Execution Report Year* 2011 *January to December*. Bank of Mozambique, Maputo.

Barnes, K.N. 2000. *The Eskom Red Data Book of Birds of South Africa, Lesotho and Swaziland*. BirdLife South Africa, Johannesburg.

Bennet, N., 1987. *Zanzibar, Portugal and Mozambique: Relations from the late eighteenth Century to 1890.* Working Papers in African Studies, No. 123, African Studies Center - Boston University, Boston.

Berglund, B., Lindvall, T. and Schwela, D.H. (eds) 1999. *Guidelines for Community Noise*. World Health Organization. [online] Available at: http://whqlibdoc.who.int/hq/1999/a68672.pdf> [Accessed 15 April 2013].

Best, P.B. 2007. *Whales and Dolphins of the Southern African Subregion*. 338 pp. Cambridge University Press, Cape Town.

Bills, I.R. 2001. *An Inventory of Fishes from the Maputo Special Reserve and Futi Corridor, Mozambique, 21/9/2001 to 6/10/2001*. Investigational Report No. 63. JLB Smith Institute of Ichthyology, Grahamstown.

Bills, I.R. 2004. A Survey of the Fishes in the Niassa Reserve, Niassa and Cabo Delgado Provinces, Mozambique, 10-30/8/2003. SAIAB Investigational Report 69.

Branch, W.R. 1998. Field Guide to Snakes and Other Reptiles of Southern Africa. Struik, Cape Town.

Brooks, A., Chessman, B. and Haeusler, T. 2010. Assessing the Ecological Impact of Water Abstraction on Macroinvertebrates in Unregulated Rivers – Reference Site Selection. NSW Office of Water, Sydney.

Calmano, W., Hong, J. and Forstner, U. 1993. Binding and mobilisation of heavy metals in contaminated sediments affected by pH and redox potential. *Water Science and Technology.* **28** 223–235.

Carlton, J.T. and Geller, J.B. 1993. Ecological roulette: the global transport of nonindigenous marine organisms. *Science.* **261** 78–82.

Center for Liquefied Natural Gas (CLNG), 2011. Safety/Security. [online] Available at: http://www.lngfacts.org/about-lng/safetysecurity/ [Accessed 17 January 2013].

Channing, A. 2001. *Amphibians of Central and Southern Africa*. Protea Bookhouse, Pretoria.

Cohen, C., Spottiswoode, C. and Rossouw, J. 2006. Southern African Birdfinder: Where to Find 1 400 Bird Species in Southern Africa and Madagascar. Struik, Cape Town.

Cooley, H., Gleick, P.H. and Wolff, G. 2006. *Desalination, with a Grain of Salt: A California Perspective*. The Pacific Institution. [online] Available at: http://www.pacinst.org/reports/desalination/desalination_report.pdf [Accessed 15 April 2013].

CORIS, 2012. *NOAA's Coral Reef Information System*. [online] Available at: http://coris.noaa.gov/about/deep [Accessed 15 April 2013].

Council for Scientific and Industrial Research (CSIR), 2006. *Sediment Heavy Metal Median Concentrations (mg/kg) Data for Near Shore Study Area in Palma Bay.* CSIR, Pretoria.

Crecelius, E., Trefry, J., McKinley, J., Lasorsa, B. and Trocine, R. 2007. *Study of Barite Solubility and the Release of Trace Components to the Marine Environment*. 147 pp. OCS Study MMS 2007 061. US Department of the Interior, Mineral Management Service, Gulf of Mexico OCS Office, New Orleans, LA.

CSA, 2007. *Representative Marine Habitat Survey in Quirimbas Archipelago, Moçambique*. Survey prepared for Anadarko Moçambique Área 1, Lda. 20 pp.

CSA, 2008. Representative Marine Habitat Survey in Quirimbas Archipelago, Moçambique. 25 pp. Final report for Anadarko Moçambique Area 1, Lda., July 2007.

CSA International, Inc., 2012. Characterization of Deepwater Seafloor Habitats and an Assessment of Potential Effects of Drilling Discharges at Five Wellsite Locations Offshore Mozambique. Prepared for Anadarko Area 1 Lda., August 2012.

CSIRO, 2005. *Analysis of Hydrostatic Test Water*. 100 pp. Final Report for APIA. CSIRO Manufacturing and Infrastructure Technology (CMIT) Report No. CMIT–2005–259.

Cyrus, D.P., Wepener, V., Mackay, C.F., Cilliers, P.M., Weerts, S.P. and Viljoen, A. 2000. *The Effects of Interbasin Transfer on the Hydrochemistry, Benthic Invertebrates and Ichthyofauna of the Mhlathuze Estuary and Lake Nsezi*. WRC Report No. 722/1/00. Water Research Commission, Pretoria.

Dallas, H.F. and Day, J.A. 2004. *The Effect of Water Quality Variables on Aquatic Ecosystems: A Review.* WRC Report No. TT 224/04. Water Research Commission, Pretoria.

Department of Agricultural Development, Soil Classification Working Group, 1991. *Soil Classification. A Taxonomic System for South Africa*. Memoirs on the Agricultural Natural Resources of South Africa No. 15. Institute for Soil, Climate and Water, Pretoria.

Department of Water Affairs (DWA), 2010. Resource Directed Measures for Protection of Water Resources: Methods for the Determination of the Ecological Reserve for Estuaries. Water Resource Protection and Assessment Policy Implementation Process, Version 3. DWA, Pretoria.

Department of Water Affairs and Forestry (DWAF), 1996a. South African Water Quality Guidelines, Volume 7: Aquatic Ecosystems. DWAF, Pretoria.

Department of Water Affairs and Forestry (DWAF), 1996b. *South African Water Quality Guidelines, Volume 8: Field Guide.* DWAF, Pretoria.

Department of Water Affairs and Forestry (DWAF), 1996c. South African Water Quality Guidelines for Coastal Marine Waters, Volume 1: Natural Environment, 1st edition. DWAF, Pretoria.

Department of Water Affairs and Forestry (DWAF), 2003. *A Practical Field Procedure for the Identification and delineation of Wetlands and Riparian Areas*. DWAF, Pretoria.

De Ruijter, W.P.M., Ridderinkhof, H., Lutjeharms, J.R.E., Schouten, M.W. and Veth, C. 2002. Observations of the flow in the Mozambique Channel. *Geophysical Research Letters* **29(10)** 140-1–140-3, DOI: 10.1029/2001GL013714.

DHI, 2011a. MIKE C-MAP, Extraction of World Wide Bathymetry Data and Tidal Information, User Guide. Danish Hydraulics Software.

DHI, 2011b. MIKE 21, Flow Model, Hydrodynamic Module, User Guide. Danish Hydraulics Software.

Digby Wells (Environmental), 2012. Soil Specialist Study as Part of an Environment Impact Assessment for the Development of a LNG Facility on the Afungi Peninsula near Palma, Northern Mozambique.

Di Marco, S.F., Chapman, P., Nowlin, W.P. Jr., Hacker, P., Donohue, K., Luther, M., Johnson, G.C. and Toole, J. 2002. Volume transport and property distributions of the Mozambique Channel. *Deep-Sea Research II* **49** 1481–1511.

Discovery of Sound in the Sea, N.D. *Sounds in the Sea*. [online] Available at: http://www.dosits.org/science/soundsinthesea/commonsounds/ [Accessed 15 April 2013].

Doorn-Groen, S.M. 2007. Environmental monitoring and management of reclamations works close to sensitive habitats 3. *Terra et Aqua* **108** 2–18.

Draft Vision Statement for the Gas Master Plan as presented in the Stakeholder Workshop, held in Maputo on 5 and 6 September 2012.

EAME, 2004. *The Eastern African Marine Ecoregion: Biodiversity Conservation Strategic Framework* 2005–2025. 50 pp. Secretariat of Eastern African Marine Ecoregion, Dar es Salaam.

Elliott, M., Whitfield, A.K., Potter, I.C., Blaber, S.J.M., Cyrus, D.P., Nordlie, F.G. and Harrison, T.D. 2007. The guild approach to categorizing estuarine fish assemblages: a global review. *Fish and Fisheries*. **8** 241–268.

Elmer, K-H. 2007. Measurement and reduction of offshore wind turbine construction noise. *DEWI Magazine* **30** 33–36.

Emanuel, K., Sundararajan, R. and Williams, J. 2008. Hurricanes and global warming: results from downscaling IPCC AR4 simulations. *Bulletin of the American Meteorological Society.* **89(3)** 347.

EMBECOM, 2004. *Dredging-related Re-suspension of Sediments: Impacts and Guidelines for the Marine Dredging*. 72 pp. Specialist study for the environmental impact report for the pre-feasibility phase of the marine dredging project in Namdeb's Atlantic 1 Mining Licence Area and in near-shore areas off Chameis.

Environmetrics Australia, 2007. *Setting Environmental Limits: Statistical Aspects of Turbidity Monitoring.* 16 pp. Prepared for the Port of Melbourne Corporation by Environmetrics Australia (Pty) Ltd.

Princípios do Equador, Junho de 2013. *Os Princípios do Equador: Uma referência da indústria financeira para determinar, avaliar e gerir riscos ambientais e sociais em projectos.* Disponível em: < http://www.equator-

principles.com/resources/equator_principles_III.pdf> [Accessed November 2013].

Erftemeijer, P.L.A. and Lewis, R.R.R. 2006. Environmental impacts of dredging on seagrasses: A review. *Marine Pollution Bulletin* **52** 1553–1572.

ERM and Consultec, 2006. EIA for the Seismic Surveys in Areas 3 & 6 in the Rovuma Basin.

Extractive Industry Transparency Initiative (EITT), 2008. First Report on the Extractive Industry Transparency Initiative in Mozambique: Reconciliation. EITT, Washington DC.

Fabricius, K.E., De'ath, G., Poutinen, M.L., Done, T., Cooper, T.F. and Burgess, S.C. 2008. Disturbance gradients on inshore and offshore coral reefs caused by a severe tropical cyclone. *Limnology and Oceanography* **53** 690–704.

Fenessy, S.T., Mutombene, R., Simango, A., Cuco, C., Van der Elst, 2011. *Mozambique Line Fish Assessment 2011*. 18 pp. Research Investigation Report No. 14. Instituto Nacional de Investigação Pesqueira (National Fisheries Research Institute).

Ferro, B. and Bouman, D. 1987. *Explanatory Notes to the Hydrogeological Map of Mozambique: Scale 1:1,000,000*. Project of the Hydrogeological Map of Mozambique, sponsored by UNICEF.

Fjeldså, J., Bowie, R.C.K. and Kiure, J. 2006. The forest batis, *Batis mixta*, is two species: description of a new, narrowly distributed batis in the Eastern Arc biodiversity hotspot. *Journal of Ornithology.* **147** 578-590.

Fugro Survey Pte. Ltd, 2013. *Geophysical and Geotechnical Reconnaissance Survey Offshore Block Area 4 Mozambique*. Document No. S2835-S2102-008-N2. Prepared for Eni East Africa S.p.A. 45 pp.

Garnier, J. 2003. *Report for the Marine Programme*. Cabo Delgado Biodiversity and Tourism Project in association with the Zoological Society of London. 120 pp.

Gates, A.R. and Jones, D.O.B. 2012. Recovery of benthic megafauna from anthropogenic disturbance at a hydrocarbon drilling well (380 m depth in the Norwegian Sea). *PLoS ONE*. **7(10)** e44114. DOI: 10.1371/journal.pone.0044114.

Gauteng Department of Agriculture Environment and Conservation (GDACE), 2008. *Mining and Environmental Impact.*

Gell, F. (ed.) 1997. *The Seagrass Fishery of Quirimba Island. An Interim Report.* Issue 5 Marine Biological and Resource Use Surveys of the Quirimba Archipelago, Mozambique: Technical Report. Darwin/Frontier-Mozambique

Quirimba Archipelago Marine Research Programme, Society for Environmental Exploration, UK and The Ministry for the Coordination of Environmental Affairs, Maputo.

Gibson, G.R., Bowman, M.L., Gerritsen, J. and Snyder, B.D. 2000. *Estuarine and Coastal Marine Waters: Bioassessment and Biocriteria Technical Guidance*. EPA 822-B-00-024. US Environmental Protection Agency, Office of Water, Washington DC.

Goldberg, J. and Wilkinson, C. 2004. Global threats to coral reefs: coral bleaching, global climate change. disease, predator plagues and invasive species. In: *Status of Coral Reefs of the World 2004*, Volume 1. Australian Institute of Marine Science, Townsville, Queensland, pp. 67–92.

Government of Palma District, 2012. *Annual Balance of the Economical and Social Plan* 2011, *Palma*.

Government of the Province of Cabo Delgado (a), 2011. *Report on the Final Balance of the Economic and Social Plan 2010.* [online] Available at: http://w.w.w.cabodelgado.gov.mz/grandes-projectos [Accessed February 2012].

Government of the Province of Cabo Delgado (b), 2010. *Report on the Final Balance the Economic and Social Plan 2009.* [online] Available at: http://w.w.w.cabodelgado.gov.mz/grandes-projectos [Accessed February 2012].

Government of the Province of Cabo Delgado (c), N.D. *Strategic Development Plan 2010-2014.* [online] Available at: http://w.w.w.cabodelgado.gov.mz/grandes-projectos [Accessed February 2012].

Government of the Province of Cabo Delgado (d), 2009. *Balance of Performance of the Tourism Sector during the Period* 2005/2009. [online] Available at: http://w.w.w.cabo delgado.gov.mz/grandes-projectos [Accessed February 2012].

Hammett, D.S. 1985. *Drill Vessels Float in Aerated Water*. Paper presented at Offshore Europe conference, 10-13 September 1985, Aberdeen.

Harmelin-Vivien, M. 1994. The effects of storms and cyclones on coral reefs: A review. *Journal of Coastal Research* **12** 211–231.

Hastings, 1990. In: Turnpenny, W.H. and Nedwell, J.R. 1994. *The Effects on Marine Fish, Diving Mammals and Birds of Underwater Sound Generated by Seismic Surveys*. Consultancy report proposed for UKOOA by Fawley Aquatic Research Laboratories Ltd.

Hill, N. and Garnier, J. 2003. Monitoring of populations of endangered species. In: Garnier, J. (ed.) *Report on Marine Programme, November* 2003, pp. 54–69. Cabo Delgado Biodiversity and Tourism Project.

Hockey, P.A.R. 2005. Crab plover. In: Hockey, P.A.R., Dean, W.R.J. and Ryan, P.G. (eds) *Roberts – Birds of Southern Africa*, VIIth ed. The Trustees of the John Voelcker Bird Book Fund, Cape Town.

Hockey, P. and Aspinall, S.J. 1996. The crab plover: enigmatic wader of the desert coasts. *Africa Birds & Birding*. **1(1)** 60-67.

Hutchings, P. 1992. Ballast water introduction of exotic marine organisms into Australia. Current status and management options. *Marine Pollution Bulletin*. **25** 196–199.

IMO, N.D. 1996 Protocol to the Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter, 1972. [online] Available at: http://www.imo.org/ourwork/environment/pollutionprevention/pages/1996-protocol-to-the-convention-on-the-prevention-of-marine-pollution-by-dumping-of-wastes-and-other-matter,-1972.aspx [Accessed 15 April 2013].

Impacto, 2008. EIA for Shallow Water Exploration Seismic Survey and Exploration Drilling in Rovuma Area 1. Impacto, Maputo.

Instituto de Investigacao Agronomica De Mocambique, 1972. *Cartos dos Solos*. Scale: 1: 4 000 000.

Instituto Nacional de Estatística (INE) (Mozambican National Institute of Statistics) (a), 2007. *Population and Social Indicators - Population Projected by Area of Residence and Sex, According to Age, Cabo Delgado*. [online] Available at: http://www.ine.gov.mz/home:page/censo97> [Accessed February 2012].

Instituto Nacional de Estatística (INE) (Mozambican National Institute of Statistics) (b), 2007. *Population and Social Indicators - Basic Indicators, Province of Cabo Delgado*. [online] Available at: http://www.ine.gov.mz/home:page/censo97> [Accessed February 2012].

Instituto Nacional de Estatística (INE) (Mozambican National Institute of Statistics) (c), 2007. *Tables of the 3rd General Census of Population and Housing – Table 30 Occupied Population 15 years and Older by Position in the Working Process, According to Area of Residence, Sex, and Sector of Activity.* [online] Available at: http://www.ine.gov.mz/home:page/censo97 [Accessed February 2012].

Instituto Nacional de Estatística (INE) (Mozambican National Institute of Statistics) (d), 2007. *Tables of the 3rd General Census of Population and Housing: Table 32 - Occupied Population 15 Years and Older by Level of Education, According to Area of Residence, Sex, and Main Occupation*. [online] Available at: http://www.ine.gov.mz/home:page/censo97> [Accessed February 2012].

Instituto Nacional de Estatística (INE) (Mozambican National Institute of Statistics) (e), 2010. *District Statistics (Statistics of the District of Palma)*. INE, Maputo.

Instituto Nacional de Estatística (INE) (Mozambican National Institute of Statistics) (f), 2007. *Tables of the 3rd General Census of Population and Housing: Table 3 Population by Age According to District, Area of Residence, and Sex: Administrative Post of Palma, Olumbe, Pundanhar, Quionga.* [online] Available at: http://www.ine.gov.mz/home:page/censo97 [Accessed February 2012].

Instituto Nacional de Estatística (INE) (Mozambican National Institute of Statistics) (g), 2009. *Summary of the Final Results of the 3rd General Census of Population and Housing, Province of Cabo Delgado*. INE, Maputo.

Instituto Nacional de Estatística (INE) (Mozambican National Institute of Statistics) (h), 2010. *Annual Forecasts of the Total Urban and Rural Population of the Districts of the Province of Cabo Delgado* 2007–2040. INE, Maputo.

Instituto Nacional de Estatística (INE) (Mozambican National Institute of Statistics), 2012. Ministério da Saúde, and M.D.I. International, *Inquérito Demográfico e de Saúde 2011 - Relatório Preliminar*.

Instituto Nacional de Estatística (INE) (Mozambican National Institute of Statistics), 2010. Ministério da Saúde, and MEASURE DHS+/ORC Macro, Inquérito Nacional de Prevalência, *Riscos Comportamentais e Informação sobre o HIV e SIDA em Moçambique* (INSIDA) 2009.

Instituto Nacional de Gestão de Calamidades (INGC), 2009. *INGC Climate Change Report: Study on the Impact of Climate Change on Disaster Risk in Mozambique*. INGC, Mozambique.

Instituto Nacional de Investigação Pesqueira (IIP) (National Fisheries Institute), 2010. *Annual Report* 2009. IIP, Maputo.

Instituto Nacional de Investigação Pesqueira (IIP) (National Fisheries Institute), 2011. *Annual Report 2010*. IIP, Maputo.

Instituto Nacional de Investigação Pesqueira (IIP) (National Fisheries Institute), 2012. *Annual Report 2011*. IIP, Maputo.

Instituto Nacional do Petróleo (INP) (National Petroleum Institute), 2012. History of Petroleum Exploration in Mozambique. [online] Available at: http://www.inp.gov.mz/Exploration-Production/History-of-Petroleum-Exploration-in-Mozambique> [Accessed 23 November 2012].

International Association of Oil & Gas Producers (OGP), 2003. *Environmental Aspects of the Use and Disposal of Non-aqueous Drilling Fluids Associated with*

Offshore Oil and Gas Operations. 114 pp. Report No.: 342. International Association of Oil & Gas Producers.

International Association of Oil and Gas Producers (OGP), 2009. *OGP Guidelines for Waste Management with Special Focus on Areas with Limited Infrastructure*. Report No. 413, rev 1.1, September 2008 (updated March 2009). [online] Available at: http://www.ogp.org.uk/pubs/413.pdf [Accessed 15 April 2013]..

International Finance Corporation (IFC), 2007. *Environmental, Health, and Safety Guidelines for Liquefied Natural Gas (LNG) Facilities.* [online] Available at: http://www1.ifc.org/wps/wcm/connect/87e7a48048855295ac04fe6a6515bb 18/Final%2B-%2BLNG.pdf?MOD=AJPERES&id=1323161924903> [Accessed 15 April 2013].

International Finance Corporation (IFC), 2007. *Environmental, Health, and Safety Guidelines: Environmental, Health, and Safety General Guidelines.* [online] Available at:

[Accessed 16 April 2013].">http://www1.ifc.org/wps/wcm/connect/554e8d80488658e4b76af76a6515bb18/Final%2B-%2BGeneral%2BEHS%2BGuidelines.pdf?MOD=AJPERES>[Accessed 16 April 2013].

International Finance Corporation (IFC), 2007. *Environmental, Health, and Safety Guidelines for Offshore Oil and Gas Development*. [online] Available at: http://www1.ifc.org/wps/wcm/connect/65f8ae00488558a380d4d26a6515b b18/Final%2B-

%2BOffshore%2BOil%2Band%2BGas%2BDevelopment.pdf?MOD=AJPERES&id=1323153218959> [Accessed 16 April 2013].

International Finance Corporation (IFC), 2007. *Environmental, Health, and Safety Guidelines for Ports, Harbors, and Terminals*. [online] Available at: http://www1.ifc.org/wps/wcm/connect/9e558c00488556ebbaf4fa6a6515bb18/Final%2B-

%2BPorts%252C%2BHarbors%2Band%2BTerminals.pdf?MOD=AJPERES&id=1323152828015> [Accessed 16 April 2013].

International Finance Corporation (IFC), 2012. *Performance Standards on Environmental and Social Sustainability*. [online] Available at: http://www1.ifc.org/wps/wcm/connect/115482804a0255db96fbffd1a5d13d27/PS_English_2012_Full-Document.pdf?MOD=AJPERES [Accessed 15 April 2013].

International Maritime Organisation (IMO), N.D. *Introduction*. [online] Available at:

http://www.imo.org/About/Conventions/Pages/Home.aspx [Accessed 15 April 2013].

Instituto Nacional da Marinha (INAMAR) (Maritime Authority), 2010. *Map of Traditional Navigation Routes in the Indian Ocean and Mozambique Channel.*

International Monetary Fund (IMF), 2011. *Mozambique Poverty Reduction Strategy Paper*. IMF Country Report No. 11/132 (June 2011). International Monetary Fund, Washington DC.

International Monetary Fund (IMF), Republic of Mozambique, 2011. *Third Evaluation in the Scope of the Support to the Economic Policy and Request for Modification of Performance Criteria*. IMF, Washington DC.

International Union for Conservation of Nature (IUCN), 2010. *IUCN Red List of Threatened Species*, 2010. [online] Available at: <www.iucnredlist.org> [Accessed 16 April 2013].

International Union for Conservation of Nature (IUCN), 2011. *IUCN Red List of Threatened Species*, version 2011.2. [online] Available at: www.iucnredlist.org [Accessed 28 May 2012].

International Union for Conservation of Nature (IUCN), 2012. *IUCN Red List of Threatened Species*, 2012. [online] Available at: <www.iucnredlist.org> [Accessed 16 April 2013].

International Union for Conservation of Nature (IUCN), N.D. *Invasive Species*. [online] Available at:

http://www.iucn.org/about/union/secretariat/offices/iucnmed/iucn_med_programme/species/invasive_species/ [Accessed 16 April 2013].

Interview with District Service for Planning and Infrastructure, January 2012 (Impacto field visit, January 2012).

IWC, 2004. *Marine Mammal Auditory Systems: A Summary of Audiometric and Anatomical Data and Implications for Underwater Acoustic Impacts.* 6 pp. Annex K: Standing Working Group on Environmental Concerns Report (May 2004). Submitted at the IWC56 meeting, July 2004.

Izon, D., Danenberger, E.P. and Mayes, M. (Minerals Management Service) 2007. Absence of fatalities in blowouts encouraging in MMS Study of OCS incidents 1992-2006. *Drilling Contractor*. **July/Aug** 84–90.

Jamine, E.B. 2007. *Delimitation of the Mozambique Maritime Boundaries with Neighbouring States (including the Extended Continental Shelf) and the Management of Ocean Issues.* The United Nations and Nippon Fellowship Programme 2006-2007. [online] Available at:

<www.un.org/Depts/los/nippon</pre>

/unnff_programme_home/fellows_pages/fellows_papers/jamine_0607_moz ambique.pdf> [Accessed 18 May 2012].

Key, R., Smith, R., Smelror, M., Saether, O., Thorsnes, T., Powell, J., Njange, F. and Zandamel, E. 2008. Revised lithostratigraphy of the Mesozoic-Cenozoic

succession of the onshore Rovuma Basin, northern coastal Mozambique. *South African Journal of Geology.* **Vol. 111** 89-108.

Kleynhans, C.J. and Louw, M.D. 2008. *Module A: EcoClassification and Ecostatus Determination in River EcoClassification: Manual for Ecostatus Determination*, Version 2. Joint Water Research Commission and Department of Water Affairs and Forestry, Pretoria.

Kleynhans, C.J. 1996. A qualitative procedure for the assessment of habitat integrity status of the Levuvhu River (Limpopo system South Africa). *Journal of Aquatic Ecosystem Health.* **5** 41–54.

Kleynhans, C.J. 1999. *Comprehensive Habitat Integrity Assessment*. Institute for Water Quality Studies, Department of Water Affairs and Forestry, Pretoria.

Kleynhans, C.J., Mackenzie, J. and Louw, M.D. 2007. *Module F: Riparian Vegetation Response Assessment Index in River EcoClassification: Manual for EcoStatus Determination*, Version 2. Joint Water Research Commission and Department of Water Affairs and Forestry, Pretoria.

Kotze, D.C, Marneweck, G.C, Batchelor, A.L., Lindley, D.S. and Collins, N.B. 2007. WET-EcoServices: A Technique for Rapidly Assessing Ecosystem Services Supplied by Wetlands. WRC Report No TT 339/08. Water Research Commission, Pretoria.

Lamb, T., Biswas, S. and Bauer, A.M. 2010. A phylogenetic reassessment of African fossorial skinks in the subfamily Acontinae (Squamata: Scincidae): evidence for parallelism and polyphyly. *Zootaxa*. **2657** 33–46.

Lamberth, S.J. and Turpie, J.K. 2003. The role of estuaries in South African fisheries: economic importance and management implications. *African Journal of Marine Science.* **25** 131–157.

Larsson, A.I. and Purser, A. 2011. Sedimentation on the cold-water coral *Lophelia pertusa*: cleaning efficiency from natural sediments and drill cuttings. *Marine Pollution Bulletin*. **62** 1159–1168.

Laws, E.A. 2000. *Aquatic Pollution – An Introductory Text*. John Wiley and sons, New York.

Lenhoff, L. N.D. Underwater Surveys (UWS), Cape Town, in litt.

Lepage, D. 2012. *Checklist of the Birds of Mozambique*. Avibase, the world database. [online] Available at: http://avibase.bsc-eoc.org/ checklist.jsp?lang=EN®ion=mz&list=clements> [Accessed on 16 April 2013].

LGL, 2010. Marine Seismic Survey on the Shatsky Rise in the Northwest Pacific Ocean, June-July 2010. 213 pp. Draft Environmental Assessment (DEA)

Pursuant to the National Environmental Policy Act, 42 U.S.C. 4321, et seq. LGL Ltd., King City, Ont.

Liesegang, G. 1986. *Ngungunyane: A figura de Ngungunyane Nqumayo, Rei de Gaza 1884-1895 e o desaparecimento do seu Estado*. Colecção Embondeiro, 8. Maputo: Arquivo do Património Cultural.

Luiselli, L. and Akani, G.C. 2002. An investigation into the composition, complexity and functioning of snake communities in the mangroves of southeastern Nigeria. *African Journal of Ecology.* **40** 220–227.

Lutjeharms, J.R.E. 2006. The coastal oceans of south-eastern Africa. In: Robinson, A.R. and Brink, K.H. (eds) *The Global Coastal Ocean: The Sea – Ideas and Observations on the Progress in the Study of the Seas.* **14 (b)** 783–834. Harvard University Press, Cambridge, MA.

Lwandle Technologies (Pty) Ltd., 2012. *Anadarko and Eni LNG Development, Northern Mozambique: Marine Ecology Assessment.* Prepared for ERM (Pty) Ltd.

MacDonald, A. and Davies, J. 2000. *A Brief Review of Groundwater for Rural Water Supply in Sub-Saharan Africa*. Technical Report WC/00/33. British Geological Survey.

Macpherson, E. 2002. Large-scale species-richness gradients in the Atlantic Ocean. *Proceedings of the Royal Society of London.* **B(269)** 1715–1720.

Madsen, P.T., Wahlberg, M., Tougaard, J., Lucke, K. and Tyack, P. 2006. Wind turbine underwater noise and marine mammals: implications of current knowledge and data needs. *Marine Ecology Progress Series*. **309** 279–295.

Marchand, M.J. 2009. A Histology-based Fish Health Assessment to Determine the Health Status and Edibility of Two Indicator Species from the Roodeplaat Dam. M.Sc. Mini-dissertation. University of Johannesburg, Johannesburg.

Matuschek, R. and Betke, K. 2009. *Measurements of Construction Noise during Pile Driving of Offshore Research Platforms and Wind Farms*. 4 pp. NAG/DAGA, Rotterdam.

Maurer, D., Keck, R.T., Tinsman, J.C. and Leathem, W.A. 1980. Vertical migration and mortality of benthos in dredged material – Part 1: Mollusca. *Marine Environmental Research.* **4** 299–319.

Maurer, D., Keck, R.T., Tinsman, J.C. and Leathem, W.A. 1981. Vertical migration and mortality of benthos in dredged material – Part 2: Crustacea. *Marine Environmental Research.* **5** 301–317.

Maurer, D., Keck, R.T., Tinsman, J.C. and Leathem, W.A. 1982. Vertical migration and mortality of benthos in dredged material – Part 3: Polychaeta. *Marine Environmental Research.* **6** 49–68.

McCauley, R.D. 1994. Seismic surveys. In: Swan, J.M., Neff, J.M. and Young, P.C. (eds) *Environmental Implications of Offshore Oil and Gas Development in Australia - The Findings of an Independent Scientific Review*. APEA, Sydney, pp. 19–121.

McCauley, R.D., Fewtrell, J. and Popper, A.N. 2003. High intensity anthropogenic sound damages fish ears. *Journal Acoustical Society of America*. **113** 638–641.

Ministério para a Coordenação da Acção Ambiental (MICOA), 2013. *Avaliação Ambiental Estratégica para a Zona Costeira de Moçambique*: Perfil do Distrito de Palma. Versão Final.

Milgram, J. and Erb, P.R. 1984. How floaters respond to subsea blowouts. *Petroleum Engineer International*. **June** 64–70.

Milton, S., Lutz, P. and Shigenaka, G. 2008 Oil toxicity and impacts. In: Milton, S., Lutz, P. and Shigenaka, G. *Oil and Sea Turtles*. NOAA's national Ocean Service Office of Response and Restoration.

Ministry for the Coordination of Environmental Affairs, 2009. The National Report on Implementation of the Convention on Biological Diversity in Mozambique. [online] Available at: <www.cbd.int/doc/world/mz/mz-nr-04-en.pdf> [Accessed 16 April 2013].

Ministry of Fishing (Ministério das Pescas) (c), 2008. *National Survey of Small-Scale Fishing* 2007. Ministry of Fishing, Maputo.

Moffatt & Nichol, 2011. *Dredging Trade-off Study*. 58 pp. Doc No. EA-MZ-FA0000-MON-P09-0001-00. For APC-Mozambique LNG Project.

Moffat & Nichol, 2012. EA-MZ-FA0000-MON-P09-00004-00 Meteorological Data Analysis: Mozambique Project. Rev A. (May 2012).

Moffat & Nichol, 2012. EA-MZ-FA0000-MON-P09-00006-00 Sea Level Rise Study: Mozambique Project. Rev A. (August 2012).

Motta, H., Pereira, M.A.M., Gonçalves, M., Ridgway, T. and Schleyer, M. 2002. *Coral Reef Monitoring in Mozambique. II:* 2000 Report. 31 pp. Mozambique Coral Reef Management Programme.

MICOA/CORDIO/ORI/WWF, Maputo.

Motta, H., Rodrigues, M.J. and Schleyer, M. 2000. Coral reef monitoring and Management in Mozambique. In: Souter, D., Obura, D. and Linden, O. (eds) *Coral Reef Degradation in the Indian Ocean. Status Report 2000*, pp. 43–48. CORDIO.

Mozambican Ministry of Planning and Development, Office of the National Director of Studies and Analysis of Policies, Poverty, and Wellbeing in Mozambique, 2010. *Poverty and Well-being in Mozambique: Third National Evaluation*. Mozambican Ministry of Planning and Development, Maputo.

MSI, 2012. *P1. Draft Data Report V1*. 301 pp. Prepared for Anadarko Area 1 Lda.

Nagelkerken, I., Blaber, S.J.M., Bouillon, S., Green, P., Haywood, M., Kirton, L.G., Meynecke, J.-O., Pawlik, J., Penrose, H.M., Sasekumar, A. and Somerfield, P.J. 2008. The habitat function of mangroves for terrestrial and marine fauna: a review. *Aquatic Botany*. **89** 155–185.

National Institute of Meteorology (INAM), 2011. Meteorological data.

National Malaria Control Programme, 2007. National Malaria Indicator Survey Mozambique, 2007.

National Oceanographic and Atmospheric Administration (NOAA), N.D. [online] Available at: http://www.noaa.gov/ [Accessed 16 April 2013].

NATO Shipping Centre, Information Report to the Maputo Workshop, May 2011.

Natural Scientific Services cc (NSS), 2012. *The Wetlands and Onshore Aquatic Ecological Status of Watercourses in the Vicinity of the Proposed LNG Facilities and Supporting Infrastructure, Cabo Delgado Province, Mozambique.*

Neff, J.M, McKelvie, S. and Ayers, A.R.C. Jr. 2000. *Environmental Impacts of Synthetic Based Drilling Fluids*. 111 pp. OCS Study MMS 2000-064. Report prepared for MMS by Robert Ayers & Associates, August 2000. U.S. Department of the Interior, Minerals Management Service Gulf of Mexico OCS Region, New Orleans, LA.

Newell, R.C., Seiderer, L.J. and Hitchcock, D.R. 1998. The impact of dredging works in coastal waters: a review of the sensitivity to disturbance and subsequent recovery of biological resources on the seabed. *Oceanography and Marine Biology: an Annual Review.* **36** 127–78.

Newman, K. 2002. *Newman's Birds of Southern Africa*. 527 pp. Struik Publishers, Cape Town.

Ngupula, G.W. and Kayanda, R. 2010. Benthic macrofauna community composition, abundance and distribution in the Tanzanian and Ugandan inshore and offshore waters of Lake Victoria. *African Journal of Aquatic Science*. **35(2)** 185–192.

Nightingale, B. and Siminstad, C.A. 2001. *Dredging Activities: Marine Issues. Washington State Transportation Centre (TRAC)*. Report No. WA-RD 507.1. Washington, United States of America.

NRC, 2003. *Ocean Noise and Marine Mammals*. 221 pp. Ocean Studies Board. The National Academies Press, Washington, DC.

Ntumi, C.P., Ferreira, S.M. and Van Aarde, R.J. 2009. A review of historical trends in the distribution and abundance of elephants *Loxodonta africana* in Mozambique. *Oryx.* **43(4)** 568-579.

Obura, D., Suleiman, M., Motta, H. and Schleyer, M. 2000. Status of coral reefs in East Africa: Kenya, Mozambique, South Africa and Tanzania. In: Wilkinson, C.R. (ed.) *Status of Coral Reefs of the World:* 2000. Australian Institute of Marine Science, Cape Ferguson, Queensland, pp. 65–76.

Obura, D. 2012. A diversidade e biogeografia dos Recifes de Coral em Formação no Oceano Índico Ocidental. PloS ONE 7(9): e45013 doi:10.1371/journal.pone.0045013.

OSPAR Commission, N. D. *OSPAR List of Substances Used and Discharged Offshore which are Considered to Pose Little or No Risk to the Environment (PLONAR)*. OSPAR Agreement 2012-06. [online] Available at: http://www.ospar.org/v_measures/browse.asp?menu=01110305120125_00 0002_000000> [Accessed 15 April 2013].

Palma District Services for Planning and Infrastructures, 2011. Data collected during Impacto field visit, November 2011.

Palma District Services of Education, Youth and Technology, 2012. Data collected during Impacto field visit, January 2012.

Palma District Services of Health, Women and Social Action, 2012. Data collected during Impacto field visit, January 2012.

Parker, V. 2001. Mozambique. In: Fishpool, L.D.C. and Evans, M.I. (eds) *Important Bird Areas in Africa and Associated Islands: Priority Sites for Conservation*. BirdLife Conservation Series No. 11, pp. 897-945. Pisces Publications and BirdLife International, Newbury and Cambridge, UK.

Parker, V. 2005. *The Atlas of the Birds of Central Mozambique*. Endangered Wildlife Trust and Avian Demography Unit, University of Cape Town, Johannesburg and Cape Town.

Parsons, T.R., Takahashi, M. and Hargrave, B. 1977. *Biological Oceanographic Processes*. 332 pp. Pergamon Press, New York.

Patin, S. 1999. *Environmental Impact of the Offshore Oil and Gas Industry*. EcoMonitor Publishing, New York.

Pearson, W.H., Skalski, J.R. and Malme, C.I. 1992. Effects of sounds from a geophysical survey device on behavior of captive rockfish (Sebastes spp.). *Canadian Journal of Fisheries and Aquatic Sciences.* **49** 1343–1356. Peddemors, V.M., Best, P.B., Findlay, K.P., Gove, D., Rakotonirina, B., Rossouw, A. and Sekiguchi, K. 1997. *Small Cetaceans of the South-west Indian Ocean.* Paper SC/49/SM33, presented to the International Whaling Commission Scientific Committee, October 1997.

Pereira, M.A.M. 2000. Preliminary Checklist of Reef-associated Fishes of Mozambique. 22 pp. CDS-MICOA, Maputo.

PIANC, 2010. Dredging and Port Construction around Coral Reefs. 94 pp. Rept No. 108.

Pires, J. 2009. *Institutional Arrangements for the Provision of Safe Drinking Water in Mozambique*. Water Regulatory Council of Mozambique. [online] Available at:

http://iwahq.org/ContentSuite/upload/iwa/Document/Water_Quality_M Z.pdf> [Accessed 23 October 2012].

Pitty, A.F. 1979. Geography and Soil Properties. Methuen, London.

Popper, A.N., Carlson, T.J., Hawkins, A.D., Southall, B.L. and Gentry, R.L. 2006. *Interim Criteria for Injury of Fish Exposed to Pile Driving Operations: A White Paper*. 15 pp.

Prestedge Retief Dresner Wijnberg (Pty) Ltd (PRDW), 2012. *Marine Specialist Study, Specialist Report.* 114 pp. Compiled by PRDW for Environmental Resource Management and Anadarko Mozambique Àrea 1, Limitada Liquified Natural Gas Project in Cabo Delgado.

Provincial Tourism Directorate, 2008. *Areas with Potential for Tourism Development*. PowerPoint presentation during Impacto field visit, November 2011.

Provincial Directorate of Tourism of Cabo Delgado, 2011. Data collected during Impacto field visit, November 2011.

Provincial Services of Geography and Land Registry, 2011. Data collected during Impacto field visit, November 2011.

Ramanathan, A.L., Subramanian, V., Ramesh, R., Chidambaran, S. and James, A. 1999. Environmental geochemistry of the Pichavaran mangrove ecosystem (tropical), southeast coast of India. *Environmental Geology.* **37(3)** 223–233.

Reid, S.M. and Anderson, P.G. 1999. Effect of sediment released during opencut pipeline water crossings on stream and river ecosystems. *Canadian Water Resources Journal.* **24** 23–39. Richardson, W.J., Greene, C.R.G. Jr, Malme, C.I. and Thomson, D.H. 1995. *Marine Mammals and Noise*. 576 pp. Academic Press, San Diego.

Richmond, R.H. 1997. Reproduction and recruitment in corals. In: Birkeland, C. (ed.) *Life and Death of Coral Reefs*. Chapman and Hall, New York, pp. 175–197.

Richmond, M.D. (ed.) 2002. A Guide to the Seashores of Eastern Africa and the Western Indian Ocean Islands. 461 pp. SIDA/SAREC-UDSM.

Ridderinkhof, H. and De Ruijter, W.P.M. 2003. Moored current observations in the Mozambique Channel. *Deep-Sea Research II.* **50** 1933-1955.

Roark, E.B., Guilderson, T.P., Dunbar, R.B., Fallon, S.J. and Mucciarone, D.A. 2009. Extreme longevity in proteinaceous deep-sea corals. *Proceedings of the National Academy of Sciences USA*. **106** 5204–5208.

Roberts, J.R. (ed.), 2001. Fish pathology. W.B. Saunders, Harcourt Publishers Ltd, London.

Rodrigues, M., Motta, H., Whittington, M.W. and Schleyer, M. 2000. Coral reefs of Mozambique. In: McClanahan, T.R., Sheppard, C.R.C. and Obura, D. (eds) *Coral Reefs of the Indian Ocean: Their Ecology and Conservation*. 525 pp. Oxford University Press, pp. 107–129.

Romanov, E.V. 2002. Bycatch in the tuna purse-seine fisheries of the western Indian Ocean. *Fisheries Bulletin.* **100(1)** 90–105.

Rose, P.M. and Scott, D.A. 1997. *Waterfowl Population Estimates*. Wetlands International Publication 44. Wetlands International, Wageningen.

Rotter G, Huslimlsche Inseln vor Ostafrika, 1976. *Eine Arabische Komoren-Chronik aus* 19. *Jahrhunderts*. Beiruter Texte und Studien, 18, Orient-Institut der Deutschen Morgenlandischen Gesellschaft, Franz Steiner Verlag, Beirut 1976.

RPS Energy, 2010. *Marine Mammal Observers and Passive Acoustic Monitoring Operators Report during 3D Survey Rovuma Basin Area 4 for ENI East Africa.* 58 pp. Report EOM1236.

Ruiz, G.M. and Smith, G. 2005. *Biological Study of Container Vessels at the Port of Oakland. Final report.* 155 pp. Submitted to the Port of Oakland.

Ruvuma River Basin, N.D. Development of the Ruvuma River Basin Monograph and Joint Integrated Water Resources Management Strategy. [online] Available at: http://ruvumariver.org/ [Accessed 16 April 2013].

Rzewuski Eugeniusz, 1979. Vocabulário da lingua mwani. (Versão provisória), Universidade Eduardo Mondlane: Maputo, (stencil copy).

Sætre, R. and De Paula e Silva, R. 1979. *The Marine Fish Resources of Mozambique*. 179 pp. Reports on surveys with the R/V Dr Fridtjof Nansen, Serviço de Investigações Pesqueiras, Maputo. Institute of Marine Research, Bergen.

Sætre, R. and Jorge da Silva, A 1982. *Water Masses and Circulation of the Mozambique Channel*. 83 pp. Revista de Investigação Pesquira, 3, Instituto de Desenvolvimento Pesqueiro, Maputo.

Sætre, R. and Jorge da Silva, A. 1984. The circulation of the Mozambique Channel. *Deep-Sea Research.* **31** 485–508.

Santulli, A., Modica, A., Messina, C., Ceffa, L., Curatolo, A., Rivas, G., Fabi, G. and D'Amelio, V. 1999. Biochemical responses of European Sea Bass (Dicentrarchus labrax L.) to the stress induced by off shore experimental seismic prospecting. *Marine Pollution Bulletin.* **38** 1105–1114.

Schleyer, M.H., Obura, D., Motta, H. and Rodrigues, M.J. 1999. A preliminary assessment of coral bleaching in Mozambique. *South African Association for Marine Biological Research Unpublished Report.* **168** 1-12.

Schouten, S., Hopmans, E.C., Kuypers, M.M.M., Van Breugel, Y., Forster, A. and Sinninghe Damsté, J.S. 2003. Extremely high sea water temperatures at low latitudes during the middle Cretaceous as revealed by archaeal membrane lipids. *Geology.* **31** 1069–1072.

Sherwood, C.R., Butman, B., Cacchione, D.A., Drake, D.E., Gross, T.F., Sternberg, R.W., Wiberg, P.L. and Williams, A.J. III 1994. Sediment transport events on the northern California continental shelf during the 1990-1991 STRESS experiment. *Continental Shelf Research.* **14(10/11)** 1063–1100.

Sinclair, I. and Ryan, P. 2003. *Birds of Africa South of the Sahara*. 759 pp. Princeton University Press, Princeton, NJ.

Sinclair, I. and Ryan, P. 2010. *Birds of Africa South of the Sahara: A Comprehensive Illustrative Guide*, 2nd edition. Struik Publishers, Cape Town.

Skelton, P. 2001. *A Complete Guide to the Freshwater Fishes of Southern Africa*, 2nd edition. 395 pp. Southern Publishers. Cape Town.

Skinner, J.D. and Chimimba, C.T. 2007. *The Mammals of the Southern African Subregion*, new edition. Cambridge University Press, South Africa.

Slotte, A., Hansen, K., Dalen, J. and Ona, E. 2004. Acoustic mapping of pelagic fish distribution and abundance in relation to a seismic shooting area off the Norwegian west coast. *Fisheries Research.* **67** 143–150.

S.L. Ross Environmental Research Ltd., SINTEF and Wellflow Dynamics, 2009. *Assessing Risk and Modeling a Sudden Gas Release Due to Gas Pipeline Ruptures*. For U.S. Department of the Interior Minerals Management Service.

Smedley, P. 2002. *Groundwater Quality: Mozambique*. WaterAid Information Sheet. British Geological Survey.

Smit, M.G.D., Holthaus, K.I.E., Trannum, H.C., Neff, J.M., Kjeilen-Eilertsen, G., Jak, R.G., Singsaas, I., Huijbregts, M.A.J. and Hendriks, A.J. 2008. Species sensitivity distributions for suspended clays, sediment burial, and grain size change in the marine environment. *Environmental Toxicology and Chemistry*. **27** 1006–1012.

Snow, G.C, Bate, G.C. and Adams, J.B. 2000. The effects of a single freshwater release into the Kromme estuary 2: microalgal response. *Water SA*. **26** 301–310.

Sobrado, M.A. 1999. Leaf photosynthesis of the mangrove *Avicennia germinans* as affected by NaCl. *Photosynthetica*. **36** 547–555.

Soil Classification Working Group, 1991. *Soil Classification: A Taxonomic System for South Africa*. Memoirs on the Agricultural Natural Resources of South Africa No. 15. Institute for Soil, Climate and Water, Pretoria.

Southall, B.L., Bowles, A.E., Ellison, W.T., Finneran, J.J., Gentry, R.L., Greene, C.R. Jr, Kastak, D., Ketten, D.R., Miller, J.H., Nachtigall, P.E., Richardson, W.J., Thomas, J.A. and Tyack, P.L. 2007. Marine mammal noise exposure criteria: Initial scientific recommendations. *Aquatic Mammals.* 33 411–521.

Southern African Reptile Conservation Assessment (SARCA), 2012. *Southern African Herpetology*. [online] Available at: http://sarca.adu.org.za/ [Accessed 26 April 2012].

Spalding, M., Kainuma, M. and Collins, L. 2010. *World Atlas of Mangroves*. 319 pp. Earthscan, London.

Spalding M. D., Fox, H.E., Allen, G.R., Davidson, N., Ferdaña Z.A., Finlayson, M., Halpern, B.S., Jorge, M.A., Lombana, A., Lourie, S.A., Martin, K.S., McManus, E., Molnar, J., Recchia, C.A., Robertson, J. 2007. Ecossistemas Marinhos do Mundo: Uma biogeneralização da costa e plataformas. BioScience 57: 573-583.

Stey, G. and Dennis, I. 2009. Review of coastal-area aquifers in Africa. *Hydrogeology Journal*. **18** 217-225.

Tadross, M. 2009. *Climate Change Modelling and Analyses for Mozambique*. 32 pp. Final report detailing the support provided to the Instituto Nacional de Gestão de Calamidades (INGC) adaptation to climate change project.

Taylor, J.C. 2011. Diatom Analysis Low Flow Report.

Taylor, J.C. 2012. Diatom Analysis High Flow Report.

Thirion, C. 2008. *Module E: Macroinvertebrate Response Assessment Index in River EcoClassification: Manual for EcoStatus Determination*, Version 2. Joint Water Research Commission and Department of Water Affairs and Forestry, Pretoria.

Timberlake, J., Goyder, D., Crawford, F. and Pascal, O. 2010. *Coastal Dry Forests in Cabo Delgado Province, Northern Mozambique: Botany & Vegetation.* 92 pp. Report for Our Planet Reviewed, a joint initiative of Pro-Natura International and the French Museum of Natural History, Royal Botanic Gardens, Kew, London.

Tinley, K.L. 1971. Determinants of coastal conservation: dynamics and diversity of the environment as exemplified by the Mozambique coast. In: *Nature Conservation as a Form of Land Use.* Proceedings of the SARCCUS Symposium, Gorongosa National Park, 13-17 September, pp. 125-153.

TRANSMAP, 2007. Transboundary Networks of Marine Protected Areas for Integrated Conservation and Sustainable Development: Biophysical, Socio-economic and Governance Assessment in East Africa. Funded by the European Union, INCO-CT2004-510862.

Tuffers, A., Naidoo, G. and Von Willert, D. 2001. Low salinities adversely affect photosynthesis performance of the mangrove *Avicennia marina*. *Wetlands Ecology and Management*. **9(1)** 225–232.

Turnpenny, W.H. and Nedwell, J.R. 1994. *The Effects on Marine Fish, Diving Mammals and Birds of Underwater Sound Generated by Seismic Surveys.*Consultancy report proposed for UKOOA by Fawley Aquatic Research Laboratories Ltd.

Turpie, J.K. 2005. Mangrove kingfisher. In: Hockey, P.A.R., Dean, W.R.J. and Ryan, P.G. (eds), *Roberts – Birds of Southern Africa*, VIIth ed. The Trustees of the John Voelcker Bird Book Fund, Cape Town.

Turpie, J.K., Wilson, G. & van Niekerk, L. 2010. *National Biodiversity Assessment: South African National Priority Estuaries for Biodiversity Conservation and Ecological Sustainability*. DEA: SANBI.

UNAIDS and WHO, 2008. *Epidemiological Country Profile on HIV and AIDS*. Available at:

http://apps.who.int/globalatlas/predefinedReports/EFS2008/short/EFSCountryProfiles2008_MZ.pdf[Accessed 15 April 2013].

UNEP and E&P Forum, 1997. Environmental Management in Oil and Gas Exploration and Production – an Overview of Issues and Management Approaches.

[online] Available at: http://www.ogp.org.uk/pubs/254.pdf [Accessed 15 April 2013].

UNEP/Nairobi Convention Secretariat and CSIR, 2009. *Guidelines for the Establishment of Environmental Quality Objectives and Targets in the Coastal Zone of the Western Indian Ocean (WIO) Region.* 169 pp. UNEP, Nairobi.

UNICEF, 2010. Child poverty and disparities in Mozambique 2010.

United Nations Framework Convention on Climate Change (UNFCCC), 2006. *Mozambique Initial National Communication under UN Framework Convention on Climate Change*. For: Ministry for Co-ordination of Environmental Affairs (MICOA). [online] Available at:

http://unfccc.int/essential_background/library/items/3599.php?rec=j&priref=5552#beg [Accessed 16 April 2013].

United States Environmental Protection Agency (USEPA), 2001. *Methods for Collection, Storage and Manipulation of Sediments for Chemical and Toxicological Analyses: Technical Manual.* EPA 823-B-01-002. United States Environmental Protection Agency, Office of Water, Washington DC.

Underwater Survey (Pty) Ltd (UWS), 2011. Multi-beam bathymetric survey data.

United States of America Marine Fisheries Service (US NMFS), 2000. Small takes of marine mammals incidental to specified activities; marine seismic-reflection data collection in southern California/Notice of receipt of application. *Federal Register.* **65(60, 28 Mar.)** 16374-16379.

USAID, 2010. HIV/AIDS Health Profile Mozambique, 2010.

Valdesalici, S. 2007. A new species of the genus Nothobranchius (Cyprinodontiformes: Nothobranchiidae) from the coastal area of northeastern Mozambique. *Zootaxa*. **1587** 61–68.

Van Niekerk, L., Bate, G.C. and Whitfield, A.K. (eds), 2008. *Ecological Reserve Determination Study of the East Kleinemonde Estuary*. WRC Report No. 1581/2/08. Water Research Commission, Pretoria.

Veil, J.A., Puder, M.G., Elcock, D. and Redweik, R.J. 2004. *A White Paper Describing Produced Water from Production of Crude Oil, Natural Gas, and Coal Bed Methane.* [online] Available

at: http://www.ead.anl.gov/pub/doc/ProducedWatersWP0401.pdf [Accessed 15 April 2013].

Velten, C. 1907. Prosa und Poesie der Suaheli, Berlin. Reproduced partially in: Freeman-Grenville, 1962. pp. 221-6.

Ward, B.B., Kilpatrick, K.A., Novelli, P.G. and Scranton, I. 1987. Methane oxidation and methane fluxes in the ocean surface layer and deep anoxic waters. *Nature*. **327** 226-229.

Wild, H. and Barbosa, L.A.G. 1967. *Vegetation Map of the Flora zambesiaca Area.* Flora zambesiaca Supplement. Collins, Salisbury, Rhodesia.

Williams, S.L. 2007. Introduced species in seagrass systems: status and concerns. *Experimental Marine Biology & Ecology.* **350** 89–110.

Wood, P.J. and Armitage, P.D. 1997. Biological effects of fine sediment in the lotic environment. *Environmental Manager.* **21(2)** 203–217.

World Bank, 2003. Mozambique Statistics. 2003. [online] Available at: http://www.worldbank.org/en/country/mozambique [Accessed 15 April 2013].

World Health Organization (WHO), 2005. *Air Quality Guidelines Global Update*, 2005. Report on a Working Group meeting, Bonn, Germany, 18-20 October 2005. [online] Available at: http://www.euro.who.int/__data/assets/pdf_file/0008/147851/E87950. pdf> [Accessed 15 April 2013].

World Health Organization (WHO), 2011. *Guidelines for Drinking-water Quality*, Fourth Edition. WHO, Geneva.

World Ocean Atlas, 2009. *World Ocean Atlas* 2009. [online] Available at: http://www.nodc.noaa.gov/OC5/WOA09/pr_woa09.html [Accessed 17 January 2013].

World Register of Marine Species (WoRMS), N.D. [online] Available at: http://www.marinespecies.org/ [Accessed 15 April 2013]

ERM has over 140 offices across the following countries worldwide

New Zealand Argentina Australia Panama Belgium Peru Brazil Poland Canada Portugal China Puerto Rico Colombia Romania France Russia Germany Singapore Hong Kong South Africa Hungary Spain Sweden India Indonesia Taiwan Ireland Thailand

Italy The Netherlands
Japan United Arab Emirates
Kazakhstan United Kingdom
Korea United States
Malaysia Vietnam

Mexico Mozambique

Escritório da ERM em Cape Town

2nd Floor The Great Westerford 240 Main Road Rondebosch, 7700 South Africa

Tel: +27 (0) 21 681 5400 Fax: +27 (0) 21 686 0736

www.erm.com

Escritório da Impacto em Maputo

Impacto, Projectos e Estudos Ambientais Lda Av. Mártires da Machava, 968 Maputo, Moçambique

Tel: +258 (0) 21 499 636 Fax: +258 (0) 21 493 019

www.impacto.co.mz



