

## **KENNETH HUTCHINGS –CURRICULUM VITAE**

Born: 15 June 1972, South Africa  
Nationality: South African  
Languages: English excellent/Afrikaans good/ Xhosa fair  
Present occupation: Senior Consultant  
Work address: 8, Steenberg House, Silverwood Close, Tokai 7945 South Africa  
Drivers licence: Code 08, 30/07/1990  
Commercial dive qualifications: Class III scientific, Supervisor  
Commercial skippers ticket: Category B (< 9m, 40 NM, dive & night operations)  
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### **SUMMARY PROFILE**

Dr Hutchings has research and consulting experience in the fields of fisheries management, mariculture, estuarine research and management, marine and estuarine spatial planning, marine impact assessment, research and conservation strategy development, fishery socio-economic surveys and analyses, biological sampling and life-history analyses of fish (age and growth, reproduction, mortality, migration, diet, ecology), taxonomic methodology, population genetics, fisheries modelling, marine ecotoxicity trials, trace metal pollution and physico-chemical, ecological and biodiversity surveys of marine, estuarine and freshwater habitats. Dr Hutchings is experienced in developing estuarine and coastal management plans and in conducting public participation processes. Dr Hutchings is a research associate of the University of Cape Town's Marine Research Institute. He has excellent verbal and writing communication skills, is competent with most software packages used in scientific research and consulting projects. He has published 17 scientific papers and compiled more than 50 consulting reports. Dr Hutchings is comfortable working as part of a team in both a leadership and mentoring position or as a team member. Dr Hutchings has participated in international collaborative studies in Angola, Tanzania, Namibia, Sierra Leone and Mauritius and has visited and participated in fisheries in Mozambique, Madagascar, Seychelles, New Zealand and Belize. He was actively involved in commercial fishing around Cape Town for 14 years, has practical experience in several sectors and has good understanding of most commercial fishing methods (line, spear, pole, gill net, trammel, net, beach seine net, trap, longline, trawl and purse-seine). He has personally collected scientific data for the demersal

trawl and longline hake fisheries, designed, implemented and managed fishery observer training programmes for line, longline, lobster trap and demersal trawl fisheries. He has project managed and completed two, three-year contract research projects for the South African Department of Environmental Affairs and Tourism (Marine and Coastal Management) and numerous consulting projects for state and private sector clients.

#### **TERTIARY EDUCATION:**

PhD Zoology – Fish taxonomy, life history, ecology and management, UCT (2005)

M.Sc. Zoology (with distinction) – Fisheries management, UCT (2000)

B.Sc. (Honours - First Class) Marine Biology, UCT (1997)

B.Sc. Zoology/ Environmental and Geographical Science, University of Cape Town (1994)

Distinction in Zoology

#### **RELEVANT WORK AND PROJECT EXPERIENCE**

- Senior consultant, Anchor Environmental Consultants (1999-2018) (current position)
- PhD student, Line-fish research (under contract to MCM) (2001-2005)
- Research officer, Zoology Department, University of Cape Town (1998-2000)
- Demersal Trawl Fishery, scientific observer, University of Cape Town (1995)
- Commercial squid (freezer vessel), line-fish crew (deck boat), ski boat crew/skipper, Beach-seine fishing crew, boat-skipper, shore skipper, B & K fishing CC. Messrs. G. William, M. Johnson & B. Docke (1986-2006)

#### **SELECTED RECENT EXPERIENCE**

<b>Period</b>	<b>Country</b>	<b>Client</b>	<b>Project, Tasks</b>
<b>2017-2018</b>	<b>Sierra Leone</b>	<b>Sierra Rutile PTY Ltd</b>	Fish and fisheries expert assess downstream impacts of rutile mining operation on downstream estuarine and marine habitats.
<b>2017</b>	<b>South Africa</b>	<b>Southern Cross Salmon Pty Ltd.</b>	On site oceanographic monitoring and environmental impact assessment for proposed salmon sea cage farm, Saldanha Bay
<b>2017</b>	<b>South Africa</b>	<b>National Nuclear Regulator</b>	Marine and fisheries expert review of Thyspunt site safety report submitted by Eskom.
<b>2016-2017</b>	<b>South Africa</b>	<b>Royal Society for the Protection of Birds</b>	Design and conduct a feeding trial experiment to assess the uptake of the rodenticide brodifacoum by Tristan Rock lobsters <i>Jasus paulensis</i> . Senior responsible for all aspects of the study,

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			including permitting, experimental design and setup, data analysis and reporting.
<b>2016-2017</b>	<b>South Africa</b>	<b>Department of Water and Sanitation</b>	Classification of and resource quality objectives for the water resources of the Berg and Breede water management areas. Senior consultant responsible for status quo descriptions of estuaries in the two study areas and fish specialist for ecological reserve determination studies on nine estuaries.
<b>2016</b>	<b>South Africa</b>	<b>WorleyParsons RSA (Pty) Ltd and Oiltanking MOGS (Pty)</b>	Marine Impact Assessment for sea water intake and discharge facility at Saldanha Bay. Senior consultant responsible for report.
<b>2016</b>	<b>South Africa</b>	<b>MOGS (Pty) Ltd</b>	Marine baseline report for import facility for natural gas in Saldanha Bay.
<b>2016</b>	<b>South Africa</b>	<b>Port Owen Marina Authority</b>	ADCP measurement and analysis of current velocity in relation to tidal phase in the Berg River Estuary. Development of a timetable for disposal of dredge spoil that is compliant with conditions stipulated in the environmental authorization. Senior consultant responsible for survey and reporting.
<b>2016</b>	<b>South Africa</b>	<b>DeBeers Marine Namibia</b>	Assist with statistical analysis of data collected as part of a long-term benthic monitoring programme.
<b>2016</b>	<b>South Africa</b>	<b>SE Solutions (Pty) Ltd and South32 Aluminium SA Limited</b>	Prepare marine and estuarine specialist study for EIA for a desalination plant in Richards Bay to supply Hillside Aluminium with process water. Study leader, field investigation and report compilation.
<b>2016</b>	<b>South Africa</b>	<b>City of Cape Town</b>	Preparation of estuary maintenance plan impact assessment reports for eight estuaries within the megacity boundaries. Study leader undertook site visits, liaised with city staff and compiled reports.
<b>2016</b>	<b>South Africa</b>	<b>Atlantic Salmon Pty Ltd.</b>	Deploy and retrieve an acoustic Doppler current profiler to measure currents at a proposed salmon farm site in St Helena Bay. Analyse and present data.
<b>2015-2016</b>	<b>South Africa</b>	<b>Mossel Bay Municipality</b>	Preparation an estuary management plan for the Hartenbos Estuary. Supervisory role in development of plans, presentation and chairing of public meeting.
<b>2014-2016</b>	<b>South Africa</b>	<b>Transnet National Ports Authority</b>	Field survey team leader for the implementation of a water, sediment quality and biological monitoring

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			programme in the Port of Durban. Supervision of analysis and reporting.
<b>2014-2016</b>	<b>South Africa</b>	<b>Coega Development Corporation</b>	Assessment of impacts of waste water discharge from Coega Industrial Development Zone, Algoa Bay. Conduct oceanographic data analysis, marine and marine baseline study.
<b>2014-2016</b>	<b>South Africa</b>	<b>Nelson Mandela Bay Metro, GIBB</b>	Assessment of impacts of waste water discharge from a new WWTW at Cape Recife, Algoa Bay. Oceanographic, bathymetry and ecological survey team leader, data analysis and reporting.
<b>2006-2017</b>	<b>Namibia</b>	<b>NamDeb Namibia</b>	Sandy beach macrofauna and sediment quality monitoring programme for the Bogenfels and MA1 Mining Licence Areas, Namibia. Studies reported on the effects of mining activities and mitigation measures to avoid or minimise impacts on the affected environment. Sandy beach team leader, survey design, implementation, analysis and reporting.
<b>2015</b>	<b>South Africa</b>	<b>NWJ Environmental</b>	Impact assessment for a proposed sand mining operation on the Umzumbe Estuary, KwaZulu-Natal. Ecological and physic-chemical estuarine survey design, implementation and reporting.
<b>2015</b>	<b>South Africa</b>	<b>Marutleng SHE Services</b>	Marine Impact Assessment Simonstown-Glencairn Railway Rehabilitation and Maintenance Work. Sandy beach and rocky shore survey design, implementation and reporting.
<b>2015</b>	<b>South Africa</b>	<b>AquaTech</b>	Risk assessment for in-water hull cleaning operations in the Port of Durban, South Africa. Contribution to methodology, supervision of sampling protocol, review of report.
<b>2015</b>	<b>Namibia</b>	<b>Pisces Environmental Services</b>	Gecko Namibia Vision Industrial Park Development. Compilation of baseline field survey ichthyofauna report.
<b>2014-2015</b>	<b>South Africa</b>	<b>South African Pelagic Fishing Industry Association</b>	Assessment of the socio-economic impacts of a reduction in the sardine minimum Total Allowable Catch (TAC). Project design, data collection by means of interviews with industry and fishery scientists, socio-economic analysis and reporting.
<b>2014</b>	<b>South Africa</b>	<b>Molapong Aquaculture</b>	Risk Assessment for culture of King and Coho salmon in South Africa. Reporting and review.
<b>2014</b>	<b>South Africa</b>	<b>Transnet National</b>	Assessment of potential impacts of the

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		<b>Ports Authority</b>	proposed Durban Dig Out Port of the annual sardine migration up the East coast of South Africa. Research and reporting.
<b>2014</b>	<b>South Africa</b>	<b>WWF-SA</b>	Development of a Fisheries Improvement Project for Small Scale Fisheries in the Kogelberg. Undertaking fisheries assessments, workshops and reporting.
<b>2014</b>	<b>South Africa</b>	<b>Tronnox Namaqua Sands, Matzikamma Municipality, SRK</b>	Environmental impact assessment for an aquaculture facility at Doringbaai, Northern Cape. Assessment of sites for intake and discharge infrastructure and potential environmental impacts of proposed abalone and finfish aquaculture discharges on the marine environment.
<b>2014</b>	<b>South Africa</b>	<b>Cape Nature</b>	Rezoning and realignment of borders for Betty's Bay, Goukamma and Robberg marine protected areas in South Africa. Fisheries impacts, advice and review.
<b>2014-2016</b>	<b>South Africa</b>	<b>Port Nolloth Sea Farms Ranching (PTY) LTD</b>	Baseline survey and monitoring for abalone ranching concession area NC3, Team leader responsible for sub tidal ecological survey design, implementation and reporting.
<b>2013-2014</b>	<b>South Africa</b>	<b>iSimangaliso Wetland Park Authority</b>	Assessment of the hydrological, hydrodynamic and ecological functioning of the Lake St Lucia Estuarine System and formulation of recommendations for rehabilitation and improved management of the system. Responsible for an assessment of marine fishery impacts under past, present and future management scenarios.
<b>2013</b>	<b>South Africa</b>	<b>Cape Nature, Department of Environmental Affairs</b>	Assessment of impacts of an oil spill on sandy beach and rocky intertidal communities in the Goukamma MPA. Field survey design and implementation.
<b>2013</b>	<b>South Africa</b>	<b>Department of Agriculture, Forestry &amp; Fisheries (DAFF)</b>	Development of a Strategy for Research in the Fisheries Sector. Principal consultant responsible for consultation, data acquisition and reporting.
<b>2013</b>	<b>South Africa</b>	<b>Transnet National Ports Authority</b>	Marine specialist study as part of an EIA for upgrading the General Maintenance Quay (GMQ) in the Port of Saldanha Bay. Field survey leader.
<b>2013</b>	<b>South Africa</b>	<b>Sea Harvest</b>	Assessment of fish factory effluent water quality. Sampling, analysis and reporting.
<b>2013, 2015-2016</b>	<b>South Africa</b>	<b>Department of Agriculture, Forestry &amp; Fisheries (DAFF)</b>	Diving Surveys of the Eastern Cape Abalone Resource. Study leader responsible for planning, implementation

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			and reporting.
<b>2012, 2016-2018</b>	<b>South Africa</b>	<b>Department of Agriculture, Forestry &amp; Fisheries (DAFF)</b>	Telephone surveys of west coast rock lobster recreational fishery. Study leader responsible for planning, implementation and reporting.
<b>2012</b>	<b>South Africa</b>	<b>South African National Parks</b>	Fisheries consultant for a study of the potential impacts of the Addo Elephant National Park Marine Protected Area on commercial fisheries and their value. Tasks included collection of data by means of interviews with fishing industry representatives and government scientists, data analysis and reporting.
<b>2012</b>	<b>Mauritius</b>	<b>Mauritius Oceanography Institute</b>	Diving team leader for alien species, and water and sediment quality assessment of Port Louis, Mauritius.
<b>2012</b>	<b>South Africa</b>	<b>Transnet National Ports Authority</b>	Marine specialist appointed to assess potential impacts of iron ore oxide (Fe <sub>2</sub> O <sub>3</sub> ) on the marine flora and fauna of Saldanha Bay. Analysis of storm water runoff.
<b>2012</b>	<b>South Africa</b>	<b>Amathole Water Board</b>	Marine specialist appointed to assess the suitability of different sites and the impacts of reverse osmosis desalination plant discharge on the marine environment.
<b>2010-2013</b>	<b>South Africa</b>	<b>Department of Agriculture, Forestry &amp; Fisheries (DAFF)</b>	Principal consultant as marine ecology and aquaculture specialist on an EIA for four Marine Aquaculture Development Zones (MADZs) in the Eastern Cape, South Africa. Project tasks included reviewing available technology and its suitability for use at each of the selected sites, identifying key risks and impacts that could arise from the culture of selected species on the sites including impacts on existing beneficial uses, and developing an Environmental Management and Monitoring Plan for each site as a whole as well as individual concession areas within each site.
<b>2011</b>	<b>South Africa</b>	<b>Department of Agriculture, Forestry &amp; Fisheries (DAFF)</b>	Principal consultant on a Strategic Environmental Assessment (SEA) to identify potential sea-based finfish aquaculture development zones (ADZ) off the South African coastline. The study entailed identifying and applying a suite of quantitative site selection criteria in a geographical information system (GIS) framework to identify suitable sites for

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			sea based finfish culture in South Africa, taking account of environmental suitability, environmental sensitivity, and user conflict considerations.
<b>2011</b>	<b>South Africa</b>	<b>Element Consulting Engineers</b>	Marine specialist baseline report for a reverse osmosis desalination plant at Lamberts Bay. Responsible for sub-tidal ecological survey design, implementation, analysis and reporting.
<b>2011</b>	<b>South Africa</b>	<b>Really Useful Investments no 72 (PTY) LTD</b>	Environmental assessment for the abalone ( <i>Haliotis midae</i> ) ranching right application (phase 2) in the Northern Cape (area NC2). Desktop research and reporting.
<b>2011</b>	<b>South Africa</b>	<b>Council for Scientific and Industrial Research (CSIR)</b>	Benthic macrofauna and fish baseline survey for a reverse osmosis desalination plant at Saldanha. Survey team leader responsible for design, implementation analysis and reporting.
<b>2010</b>	<b>South Africa</b>	<b>Department of Environmental Affairs &amp; Development Planning, Western Cape Government</b>	Assessment of the effects of heavy metal accumulation from land based sources on the Diep River Estuary. Principal consultant on a study assessing trace metal pollution in the Diep estuary in the City of Cape Town, to investigate potential sources of pollution and to prepare management recommendations for addressing principal sources of pollution.
<b>2010</b>	<b>South Africa</b>	<b>Port Owen Marina Authority</b>	Assessment of Port Owen marina dredging activities on the Berg River estuarine fish and macrobenthos communities. Senior consultant responsible for survey and reporting.
<b>2010</b>	<b>South Africa</b>	<b>Chand Environmental</b>	Marine and coastal specialist appointed to assess the status and sensitivity of the coastal marine environment off Partridge Point on the Cape Peninsula, and likely impacts that would arise from development of the site.
<b>2009-2011</b>	<b>South Africa</b>	<b>Various companies</b>	Consultant on a series of environmental impact assessments for desalination plants at Sedgefield, Plettenberg Bay, Witsands, Saldanha Bay, Mossel Bay and Port Nolloth. (Six separate appointments).
<b>2009-2011</b>	<b>South Africa</b>	<b>Cape Action Plan for People &amp; the Environment (C.A.P.E.)/Cape</b>	Consultant appointed to develop a management plans for the Olifants, Berg, and Uilkraals Estuaries, South Africa. (Three separate appointments). Projects

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		<b>Nature/Marine &amp; Coastal Management (MCM)</b>	entailed preparing situation assessments and strategic management plans for the Olifants, Berg and Uilkraals estuaries that included recommendations for establishment of a new marine protected area, terrestrial protected area, zonation plans for each of these elements, visitor management plans, and recommendations for institutional development. Consultant appointed for the implementation of the Verloerenvlei estuary management plan. All projects included presentation of plans and consultation with stakeholder leading to the establishment of estuary management forums comprising management agency representatives and local stakeholders.
<b>2009-2011</b>	<b>South Africa</b>	<b>WWF-SA, Lotto Programme</b>	Scientific advisor on a recreational fisheries monitoring programme coordinating a team of 20 fisheries monitors at 6 sites on the South and East coasts of South Africa. Tasks included on-going training, quality control and report reviews.
<b>2009-2010</b>	<b>South Africa</b>	<b>WWF-SA/Cape Action for People and the Environment (C.A.P.E.)</b>	Fisheries consultant for the preparation of marine and coastal spatial plans and socio-economic assessments for the Kogelberg Biosphere Reserve and Garden Route Initiative. The project involved mapping biodiversity pattern and processes in the marine and coastal environment, spatial mapping of economic value, goods and services, and of threats to these ecosystems.
<b>2009</b>	<b>South Africa</b>	<b>West Coast District Municipality, Jeffares &amp; Green (Pty) Ltd</b>	Principal consultant on an assessment of the Jakkalsvlei estuary, the purpose of which was to describe and assess the ecological impacts of illegal excavation and infilling activities that took place during July 2008, and to draft rehabilitation plan to mitigate any impacts.
<b>2009</b>	<b>South Africa</b>	<b>City of Cape Town</b>	Consultant on project to prepare a situation assessment for the Coastal Monitoring Programme for the City of Cape Town (City of Cape Town). Preparation of an overview report on the conservation status and sensitivity of the City of Cape Town Coast including



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			estuaries.
<b>2009</b>	<b>South Africa</b>	<b>Doug Jeffery Environmental Consultants</b>	Senior consultant on an assessment of the status and sensitivity of the coastal marine environment off Oudekraal on the Cape Peninsula with an assessment of potential constraints relating to impacts to the marine environment on the development of the site.
<b>2009, 2015' 2016</b>	<b>South Africa</b>	<b>Department of Environmental Affairs &amp; Tourism: Marine and Coastal Management (DEAT: MCM</b>	Estimation of west coast rock lobster catch and effort by the recreational fishery sector. Responsible for telephone survey data analysis and reporting. Project included a series of workshops aimed at resolving inconsistencies in previous surveys and developing improved methodology for future surveys.
<b>2009</b>	<b>South Africa</b>	<b>Chand Environmental Consulting</b>	Marine and coastal specialist appointed to assess the status and sensitivity of the coastal marine environment off Oudekraal on the Cape Peninsula, and likely impacts that would arise from development of the site.
<b>2008- 2011</b>	<b>South Africa</b>	<b>Century City Property Owners Association</b>	Principal consultant on a study to assess the effectiveness of a fish eradication programme conducted in the Century City wetlands and canals using the ichthyocide rotenone, and for development of recommendation for future management of the system
<b>2007- 2011</b>	<b>South Africa</b>	<b>Resource Ballast Technology (Pty) Ltd</b>	Consultant appointed as independent assessor of efficacy of a newly developed ballast water treatment system and evaluation (risk assessment) of the residual toxicity of ballast water treated with the system. Project entailed verifying the efficacy of the ballast water treatment system as well as literature survey and laboratory toxicity testing to assess the residual acute and chronic toxicity of the treated ballast water to a variety of different organisms and potential risks posed by the treated ballast water to the environment and human health.
<b>2007- 2011</b>	<b>South Africa</b>	<b>Department of Environmental Affairs &amp; Tourism: Marine and Coastal Management (DEAT: MCM)</b>	Scientific advisor of a shore based fisheries monitoring programme designed to assess levels of fishing mortality, stock abundance indices and to evaluate the effectiveness of

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			management measures for the commercial and recreational linefishery, tuna pole and hake handline fishing in South African waters. Scientific advisor was responsible for recruiting and training a team of ten fishery observers who were deployed at strategic landing sites around the country, quality control of all data collected and review of data reports.
2007-2010	Ghana	Tullow Oil Plc	Consultant responsible for preparation of Environmental Impact Assessment, Environmental Overview and identification of Environmental Best Management Practise (BMP) required for seismic surveying and exploratory drilling for offshore oil and gas resources in the Tano shallow water and Deep water blocks in Ghana. (Three separate EIA studies).
2006-2011	Tanzania	International Conservation Union (IUCN)/Pangani Water Basin Office, Tanzania	International mentor of the Estuary Team for a project entitled "Flows for People and the Environment: Supporting Sustainable Land Management in the Pangani Basin (Tanzania)". The estuary component of the project included conducting a health assessment of the Pangani estuary with the Tanzanian national team and the development of a flow assessment tool to guide allocation of freshwater flow in the system.
2006	South Africa	Department of Science and Technology	Investigation of stakeholder requirements and potential host institutions for the South African National Antarctic Programme (SANAP).
2005-2007	Angola	BCLME Programme/ United Nation Development Programme (UNDP)/ UNOPS/Global Environment Facility (GEF)	Consultant on a project aimed at assessing the status of biodiversity along the Angola coastline. The project entailed completing a series of field surveys at selected localities at approximately 100 km spacing along the Angolan coastline at which inshore fish, rock intertidal and sandy beach biota were surveyed. Data were analysed with a view to identifying biogeographic patterns in Angolan coastal fauna and flora.
2005-2007	South Africa	Cape Action Plan for People & the	Consultant on a biodiversity and economic assessment and development

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		<b>Environment (C.A.P.E.), Cape Nature, and Department of Environmental Affairs &amp; Tourism: Marine and Coastal Management (DEAT: MCM)</b>	of an integrated conservation plan for CAPE estuaries. The project comprised filling estuary biodiversity data gaps (collection and collation of new botanical, fish and bird data for temperate South African estuaries).
<b>2007, 2005</b>	<b>South Africa</b>	<b>Transnet-National Ports Authority (Transnet NPA)</b>	Consultant on ballast water, flora and fauna survey in the Ports of Durban and Port Elizabeth. Surveys were conducted in representative examples of all habitat types present in the Port of Durban and Port Elizabeth to identify all species present in the port, including all alien and potentially cryptogenic species. Responsible for sampling and reporting.
<b>2005</b>	<b>South Africa</b>	<b>National Empowerment Fund (NEF)</b>	Principal consultant on a due diligence (feasibility) study to assess the feasibility of a proposed eel aquaculture and processing operation in the Eastern cape, South Africa, focussing on biological, ecological, logistic and legislative considerations of the proposed project.
<b>2001-2005</b>	<b>South Africa</b>	<b>Department of Environmental Affairs &amp; Tourism: Marine and Coastal Management (DEAT: MCM)</b>	Project leader on a research programme that investigated the taxonomy, biology and management of South African Sciaenid fish of the genus <i>Umbrina</i> . Responsible for project design, sampling strategy, biological sampling and processing of samples to provide data on taxonomy, age and growth, reproduction and population genetics. Analysis and use of these data in stock assessments and management recommendations.
<b>2005</b>	<b>South Africa</b>	<b>Emross Consulting CC.</b>	Marine specialist for the assessment of the potential impacts of a boat launching site on the marine environment at Mbotyi River Mouth.
<b>2004-2017</b>	<b>South Africa</b>	<b>Saldanha Bay Water Quality Forum Trust (SBWQMFT)</b>	Senior consultant on a team appointed to develop a series of "State of the Bay" Monitoring Programme and Reports for Saldanha Bay and Langebaan Lagoon in 2004, and annually between 2008 and 2015. The project involved collation and analysis of historic data from a wide range of disciplines, identification of key indicators for the reporting system, as well as initiating new data collection and survey programmes, and the production

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			of annual monitoring reports and five-yearly State of the Bay Reports.
2003-2005	South Africa	Department of Water Affairs & Forestry (DWAF)	Estuarine and fisheries consultant on the Berg River Baseline Monitoring Programme. The objective of the baseline monitoring programme was to describe the natural and present state, including the natural variability, of those chemical, physical and biological characteristics of the river and its hydraulically linked systems (i.e. estuary, floodplains and groundwater) most likely to be affected by changes imposed after the construction of the Skuifraam Dam. The study spanned a period of three years and required a multidisciplinary approach. Duties included assisting specialists from a wide range of disciplines including water quality, sociology, macroinvertebrates, fish, avifauna, vegetation and algae.
2001-2003	South Africa	Department of Environmental Affairs & Tourism/ Rhodes University	Fisheries specialist contracted to assist with an Economic Sectoral Study of the South African Fishing Industry. The consultant was responsible for collecting requisite data on the linefish, sector.
2001	South Africa	GEF/UNDP/IMO Globalballast Programme	Fish scientist on a ballast water surveys in the Port of Saldanha. The objective of the study was to survey representative examples of all habitat types present in the ports with a view to developing a full list of all species including all alien and potential cryptogenic species in the port.
1999-2000	South Africa	Foundation for Research Development	Researcher on a project to assess the impacts of exploitation of wonderworm <i>Marphysa sanguinea</i> on bouldershore habitats on the Cape Peninsula, South Africa. The project included field surveys, literature review, statistical analysis of data and report production.
1998-2000, 2007-2011	South Africa	Department of Environmental Affairs & Tourism: Marine and Coastal Management (DEAT: MCM)	Scientific advisor and operations manager of an offshore, boat-based fisheries monitoring programme designed to supply and deploy aboard fishing vessels, competent, suitably trained and equipped scientific observers for the inshore trawl, hake longline and west coast rock lobster fisheries. Responsibilities of the scientific advisor included ensuring that observers were

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			<p>trained to collect accurate data on the nature of fisheries operations (catch, effort, fishing area, gear used, etc.), catch composition, by-catch mortality, fish biology (length, sex, reproductive state, stomach fullness, fat index), and quantity and size range of discarded target species, and biological samples (e.g. stomachs, gonads, otoliths, and flesh samples) as required. Data were captured electronically and submitted to the client for use in stock assessment and resource management programme.</p>
1998-2000	South Africa	<p><b>Department of Environmental Affairs &amp; Tourism: Marine and Coastal Management (DEAT: MCM)</b></p>	<p>Lead researcher on a 3 year project that assessed the catch, effort and socioeconomic status of the Western Cape gill and beach-seine net fisheries. Responsible for project design and implementation. Included sampling of commercial fish catches, conducting detailed socio-economic interviews with industry participants, experimental netting and interpretation of the findings into management recommendations.</p>



## SCIENTIFIC PUBLICATIONS

- D PARKER, SE KERWATH, TF NÆSJE, CJ ARENDSE, FJ KEULDER-STENEVIK, K HUTCHINGS, BM CLARK, H WINKER, PD COWLEY & CG ATTWOOD 2017. When plenty is not enough: an assessment of the white stumpnose (*Rhabdosargus globiceps*) fishery of Saldanha Bay, South Africa, *African Journal of Marine Science*, 39:2, 153-166
- HUTCHINGS, K & C.G ATTWOOD 2013 Belman (*Umbrina robinsoni*) In: Mann BQ. (Ed). Southern African Marine Linefish Species Profiles. Special publication, Oceanographic Research Institute, Durban 9:165-166.
- HUTCHINGS, K. and M. H. GRIFFITHS 2010 - Life-history strategies of *Umbrina robinsoni* (Sciaenidae) in warm-temperate and sub-tropical South African marine reserves. *Afr. J. mar. Sci.* **32(1)**:37-53
- HUTCHINGS, K. and M. H. GRIFFITHS 2010 – Assessment of South African *Umbrina robinsoni* based on per-recruit models *Afr. J. mar. Sci.* **32(3)**: 511–523
- HUTCHINGS, K. GRIFFITHS M. H. and S.J LAMBERTH 2010 - An investigation of the effect of temporal variation in growth rate of *Umbrina robinsoni* on biological reference point estimates calculated using per-recruit models. *Afr. J. mar. Sci.* **32(3)**: 633–636
- CLARK, B.M., HUTCHINGS, K., and S.J. LAMBERTH 2009. Long-term variations in the composition and abundance of fish in the Berg estuary, South Africa. *Trans. R. Soc.SA* **64(2)**: 238-258
- LAMBERTH, S.J., VAN NIEKERK, L and K HUTCHINGS 2008 Comparison of, and the effects of altered freshwater inflow on, fish assemblages of two contrasting South African estuaries: the cool-temperate Olifants and the warm-temperate Breede. *Afr. J. mar. Sci.* **30(2)**: 311–336.
- HUTCHINGS, K., CLARK, B.M., ATKINSON, L.J. and C. G. ATTWOOD 2008 - Evidence of recovery of the linefishery in the Berg River Estuary (Western Cape, South Africa) subsequent to closure of commercial gill netting. *Afr. J. mar. Sci.* **30(3)**: 507–517.
- HUTCHINGS, K., GRIFFITHS, M. H. and J. G. FIELD 2006 – Regional variation in the life history of the canary drum *Umbrina canariensis* (Sciaenidae), in South African waters. *Fish. Res.* **77**:312-325.
- GRIFFITHS, C. L., VAN SITTERT, L., BEST, P. B., BROWN, A. C., CLARK, B. M., COOK, P. A., CRAWFORD, R. J. M., DAVID, J. H. M., DAVIES, B. R., GRIFFITHS, M. H., HUTCHINGS, K., JERARDINO, A., KRUGER, N., LAMBERTH, S., LESLIE, R. W., MELVILLE-SMITH, R., TARR, R. and C. D. VAN DER LINGEN 2004 – Impacts of human activities on marine animal life in the Benguela: A historical overview. *Oceanogr. Mar. Biol. Ann. Rev.* **42**: 303-392.

- HUTCHINGS, K. and M. H. GRIFFITHS 2005 - Identity and distribution of southern African sciaenid fish species of the genus *Umbrina*. *Afr. J. mar. Sci.* **27**(1): 1-22.
- HUTCHINGS, K. and S. J. LAMBERTH 2003 - The likely impacts of an eastward expansion of the gill-net fishery in the Western Cape, South Africa; Implications for Management. *Mar. Freshwat. Res.* **54**: 39-56.
- HUTCHINGS, K. and S. J. LAMBERTH 2002 – Catch and effort estimates for the gill and beach-seine net fisheries in the Western Cape, South Africa. *S. Afr. J. mar. Sci.* **24**: 205-225
- HUTCHINGS, K. and S. J. LAMBERTH 2002 - By-catch in the gill and beach-seine net fisheries in the Western Cape, South Africa, with implications for management. *S. Afr. J. mar. Sci.* **24**: 227-241
- HUTCHINGS, K., LAMBERTH, S. J. and J. K. TURPIE 2002 – Socio-economic characteristics of gill and beach-seine net fishers in the Western Cape, South Africa. *S. Afr. J. mar. Sci.* **24**: 243-262
- VAN TETS, I. G., HUTCHINGS, K. and S.W. NICHOLSON 2000 – Relative merits of using purified proteins and natural foods in studies of wildlife nutrition: the nitrogen requirements of a rodent pollinator. *Afr. Zool.* **35**(2): 207-215.
- HUTCHINGS, K., LAMBERTH, S. J. and C. L. GRIFFITHS 1999 – Gill nets and line-fish, what is the catch? *SANCOR occasional Report* **5**: 77-84

#### **CONSULTING RESEARCH REPORTS:**

- HUTCHINGS K, CLARK BM, MOSTERT B AND E. BROWN. 2017 Sierra Rutile Project Area 1, Environmental, Social and Health Impact Assessment: Specialist Estuarine Study Prepared for SRK Consulting.
- HUTCHINGS K , WRIGHT A. & B.M. CLARK 2017. Easigas Pty Ltd Mossel Bay natural gas import project. Marine baseline report prepared by Anchor Environmental Consultants for SRK Consulting (South Africa) Pty Ltd.
- HUTCHINGS K and CLARK BM. 2017. Marine Impact Assessment for the Proposed Offshore Disposal of Dredge Material from the Port of Durban, Kwazulu Natal. Report no. 1728/1 prepared by Anchor Environmental Consultants for Nema Consulting.
- HUTCHINGS K and CLARK BM. 2017. Monitoring Survey Report for the Abalone Ranching Concession Area NC3. Technical Report No. 1417/4 Prepared by Anchor Environmental Consultants for Port Nolloth Sea Farms Ranching (Pty) Ltd
- HUTCHINGS K, FORSYTHE K & CLARK B.M. 2016. City of Cape Town Surface Stormwater Systems, Estuary Impact Assessment reports (8). Prepared by Anchor Environmental Consultants for City of Cape Town.
- HUTCHINGS K & CLARK B.M. 2016. Diving surveys of the Eastern Cape Abalone Resource Management Areas 1 & 6. Technical Report prepared by Anchor Environmental Consultants for the Department of Agriculture, Forestry and Fisheries

- HUTCHINGS K AND CLARK BM. 2016. Monitoring Survey Report for the abalone ranching concession area NC3. Technical Report no. 1556/3 prepared by Anchor Environmental Consultants for Port Nolloth Sea Farms Ranching (Pty) Ltd.
- HUTCHINGS K & CLARK B.M. 2016. Relocation of rock lobster *Jasus lalandi* and abalone *Haliotis midae* from the wreck of the Harvest Sirius in Salamander Bay Saldanha. Report prepared for the Department of Agriculture, Forestry and Fisheries.
- HUTCHINGS K & CLARK B.M. 2016. Proposed HDPE pipeline and sea water intake and discharge for Oiltanking MOGS Saldanha (RF) (PTY) LTD. Marine Impact Assessment Report prepared by Anchor Environmental Consultants for WorleyParsons RSA (Pty) Ltd and Oiltanking MOGS (Pty).
- HUTCHINGS K & CLARK B.M. 2016. Biodiversity risk assessment for Tristan rock lobster *Jasus paulensis*. Prepared by Anchor Environmental Consultants for Royal Society for the Protection of Birds.
- HUTCHINGS K & CLARK B.M. 2016. Hillside Aluminium Desalination Plant. Marine and Estuarine Impact Assessment Report prepared by Anchor Environmental Consultants for SE Solutions (Pty) Ltd and South32 Aluminium SA Limited.
- HUTCHINGS K & CLARK B.M. 2016. Saldanha Ankerlig natural gas import project. Marine baseline study report prepared by Anchor Environmental Consultants for MOGS (Pty) Ltd
- HUTCHINGS, K, LAIRD, MC and BM CLARK. 2016. Marine Specialist Report. Upgrade of the current sea based outfall for treated sewage effluent at Cape Recife, Port Elizabeth. Prepared for: CEN Integrated Environmental Management Unit.
- PULFRICH A & HUTCHINGS K. 2016. Survey of Sandy-Beach Macrofaunal Communities on the *Sperrgebiet* Coastline . Consolidated Beach Monitoring Report: 2014. Prepared for: NAMDEB Diamond Corporation (Pty) Ltd.
- HUTCHINGS, K, CLARK BM & MC LAIRD. 2015. Marine Impact Assessment Simonstown-Glencairn Railway Rehabilitation and Maintenance Work. Prepared for: Marutleng SHE Services.
- HUTCHINGS, K. & BM CLARK 2015. Environmental sensitivity assessment Umzumbe estuary KZN. Prepared for: Environmental Planning and Design CC.
- HUTCHINGS, K, CLARK BM & MC LAIRD. 2015. Baseline marine report. Upgrade of discharge of treated sewage effluent into the sea at Cape Recife, Port Elizabeth. Prepared for: CEN Integrated Environmental Management Unit.
- HUTCHINGS, K. & A BICCARD 2015. Gecko Namibia Vision Industrial Park Development Baseline Field Survey Report: Surf Zone Fish. Prepared for: Pisces Environmental Services (Pty) Ltd.
- CLARK BM, HARMER RW, HUTCHINGS K, MASSIE VKR, BROWN EA and LAIRD MC. 2015. Baseline Environmental Monitoring of Sand Banks in the Port of Durban. Technical Report No. 1486/4 prepared by Anchor Environmental Consultants for Nemai Consulting and Transnet National Ports Authority. HUTCHINGS, K. & BM CLARK 2014.



- Baseline survey and monitoring plan for abalone concession area NC3. Prepared for Port Nolloth Sea Farms Ranching (PTY) LTD.
- HUTCHINGS, K. & BM CLARK 2014. Assessment of the potential impacts of the Durban dig-out Port breakwater on the annual Kwa-Zulu Natal sardine migration. Prepared for Transnet National Ports Authority.
- PULFRICH A, HUTCHINGS K, BICCARD A. CLARK BM & MC LAIRD. 2014. Survey of Sandy-Beach Macrofaunal Communities on the *Sperrgebiet* Coastline . Consolidated Beach Monitoring Report: 2014. Prepared for: NAMDEB Diamond Corporation (Pty) Ltd.
- LAIRD MC, HUTCHINGS K & BM CLARK 2014. Marine Ecology Screening Report for Proposed Abalone Aquaculture Farms at Doringbaai, West Coast, South Africa. Prepared for: SRK Consulting.
- LIEBAU V, HUTCHINGS K & BM CLARK 2014. Biodiversity Risk Assessment for King Salmon *Oncorhynchus tshawytscha*. Prepared for: Molapong Aquaculture.
- LIEBAU V, HUTCHINGS K & BM CLARK 2014. Biodiversity Risk Assessment for Coho Salmon *Oncorhynchus kisutch* Prepared for: Molapong Aquaculture.
- TURPIE J, FEIGENBAUM T, TALBOT M, HAYMAN M, CHIPEYA T & K HUTCHINGS 2014. Baseline Socio-Economic Assessment. GEF Grant No. TF096152: Development, Empowerment and Conservation in the iSimangaliso Wetland Park and Surrounding Region. Component 1: Analysis of alternatives to determine the most feasible solution to the hydrological issues of the Lake St Lucia estuarine system. Compiled for: iSimangaliso Wetland Park Authority.
- CLARK BM, LAIRD M, HUTCHINGS K, LIEBAU V, BICCARD A, TURPIE J, & PARKER-MALLICK N. 2014. *The State of Saldanha Bay and Langebaan Lagoon 2013/2014*. Technical Report. Report no. 1581/1 prepared by Anchor Environmental Consultants for the Saldanha Bay Water Quality Trust.
- HUTCHINGS, K, CLARK BM & JK TURPIE 2014. Socio-economic implications of an alternative minimum sardine TAC. Prepared South African Pelagic Fishing Industrial Association.
- HUTCHINGS, K. & BM CLARK 2013 Development of a Strategy for Research in the Fisheries Sector. Prepared for: Chief Directorate: Fisheries Research and Development Department of Agriculture, Forestry and Fisheries.
- HUTCHINGS, K. 2013. Assessment of fish factory effluent water quality. Report prepared for Sea Harvest, Saldanha Bay.
- HUTCHINGS, K & A. BICCARD. 2013. Diving Surveys of the Eastern Cape Abalone Resource. Report prepared for the Department of Agriculture, Forestry and Fisheries.

- HUTCHINGS, K, PORTER, S, & BM CLARK, 2013. Environmental Impact Assessment Marine aquaculture development zones for fin fish cage culture. Description of the Affected Environment. Impact Assessment Marine Specialist Report prepared for Directorate Sustainable Aquaculture Management: Aquaculture Animal Health and Environmental Interactions Department of Agriculture, Forestry and Fisheries.
- HUTCHINGS, K, PORTER, S., & BM CLARK 2013. Environmental Impact Assessment: Marine aquaculture development zones for fin fish cage culture. Impact Assessment Report. Marine Specialist Report prepared for Directorate Sustainable Aquaculture Management: Aquaculture Animal Health and Environmental Interactions Department of Agriculture, Forestry and Fisheries.
- TURPIE, J.K., HUTCHINGS, K., CLARK, B.M. & CLARKE, F. 2012. Potential impacts of the proposed Addo Elephant National Park Marine Protected Area on commercial fisheries and their value. Unpublished report to South African National Parks. Anchor Environmental Report No. 1490-01.
- CLARK, B.M, TUNLEY, K., HUTCHINGS, K., JURK C, GERICKE J and J. TURPIE 2012 - State of the Bay 2011: Saldanha Bay and Langebaan Lagoon. Report for the Saldanha Bay Water Quality Trust.
- CLARK, B.M., PULFRICH, A. and K. HUTCHINGS 2012 - Sandy beach and rocky intertidal monitoring studies in the Bogenfels and MA1 mining licence areas, Namibia. 2012 monitoring report. Report for Namdeb Diamond Corporation, Namibia.
- HUTCHINGS, K. & CLARK, B.M. 2012. Marine specialist report and impact assessment for the proposed brackish water reverse osmosis desalination plant discharge at Port Alfred. Report prepared for Coastal Environmental Services and the Amathole Water Board.
- CLARK, B.M., PULFRICH, A., and K. HUTCHINGS 2011 - Sandy beach and rocky intertidal monitoring studies in the Bogenfels and MA1 mining licence areas, Namibia. 2011 monitoring report. Report for Namdeb Diamond Corporation, Namibia.
- HUTCHINGS, K, PORTER, S., CLARK, B.M and K. SINK 2011. Strategic Environmental Assessment: Identification of potential marine aquaculture development zones for fin fish cage culture. Report prepared for Directorate Sustainable Aquaculture Management: Aquaculture Animal Health and Environmental Interactions Department of Agriculture, Forestry and Fisheries.
- HUTCHINGS, K, CLARK, B.M and K. TUNLEY 2011. Marine baseline report for a proposed reverse osmosis desalination plant at Lamberts Bay. . Report prepared for: Element Consulting Engineers (Pty) Ltd.

- PORTER, S., HUTCHINGS K. & BM CLARK 2011 Environmental assessment for the abalone (*Haliotis midae*) ranching right application (phase 2) of really useful investments no.72 (PTY) Ltd. in the Northern Cape (area NC2).
- HUTCHINGS, K. & CLARK, B.M. 2011 Review of Strategic Environmental Assessment: “The Identification of Sea-Based Sites Suitable for Marine Aquaculture Development Zones in South Africa” Report prepared for the Department of Agriculture, Forestry and Fisheries.
- HUTCHINGS, K. & CLARK, B.M. 2011 Saldanha reverse osmosis desalination plant: benthic macrofauna and sediment baseline survey. Report prepared for CSIR (Stellenbosch).
- CLARK, B.M &.K. HUTCHINGS. 2011 Report on Fish Sampled In The Century City Wetlands And Canals. Report prepared for Century City Property Owners Association (CPOA).
- HUTCHINGS, K. CLARK B.M. and C. van Zyl 2010. Marine water quality monitoring report for the reverse osmosis desalination plant at Myoli beach, Sedgefield. Report prepared for Cape Environmental Assessment Practitioners.
- HUTCHINGS, K. & CLARK, B.M. 2010. Assessment of the effects of heavy metal accumulation from land based sources on the Diep estuary. Unpublished report prepared for Department of Environmental Affairs & Development Planning, Western Cape Government by Anchor Environmental Consultants, Cape Town.
- HUTCHINGS, K. & CLARK, B.M. 2010. Assessment of Port Owen marina dredging activities on the Berg River estuarine fish and macrobenthos communities. Unpublished report prepared for the Port Owen Marina Authority, Veldrif.
- HUTCHINGS, K, CLARK, B.M and K. TUNLEY 2010 Marine specialist report and impact assessment for the proposed reverse osmosis desalination plant at Plettenberg Bay. Report prepared for Aurecon South Africa (Pty) Ltd.
- HUTCHINGS, K. & CLARK, B.M. 2010. Marine specialist impact assessment for a proposed reverse osmosis desalination plant at Port Nolloth. Report prepared for BVi Consulting Engineers (Springbok).
- CLARK, B.M, TUNLEY, K., HUTCHINGS, K., ANGEL, A and J. TURPIE 2010 - State of the Bay 2010: Saldanha Bay and Langebaan Lagoon. Report for the Saldanha Bay Water Quality Trust.
- CLARK, B.M., PULFRICH, A., and K. HUTCHINGS 2010 - Sandy beach and rocky intertidal monitoring studies in the Bogenfels and MA1 mining licence areas, Namibia. 2010 monitoring report. Report for Namdeb Diamond Corporation, Namibia.

CLARK, B., ORR, K and K. HUTCHINGS 2009 - Cape Town City Council Coastal Monitoring Programme: Situation Assessment. Report to the City of Cape Town.

HUTCHINGS, K., and B.M. CLARK 2009 Report on fish sampled in the century city wetlands and canals, 18-20 February and 5-6 March 2009. Report to the Century City Property Management Company.

HUTCHINGS, K., and B.M. CLARK 2009 - Draft environmental assessment report and rehabilitation plan for the Jakkalsvlei estuary. Report for Jeffaries & Green (Pty) Ltd.

TURPIE, J.K., CLARK, B.M., HUTCHINGS, K., ORR, K.K. and J. DE WET 2009 - Ecology, value and management of the Kogelberg Coast. Report for WWF-CAPE Marine Programme.

CLARK, B.M., ORR, K.K., HUTCHINGS, K., ANGEL, A and J. TURPIE 2009 - State of the Bay 2009: Saldanha Bay and Langebaan Lagoon. Report for the Saldanha Bay Water quality Trust.

HOLLYWOOD C. and K. HUTCHINGS 2009 - West coast rock lobster (WCRL) 2008/2009 recreational fishery telephone survey report. Report for Marine and Coastal Management.

HUTCHINGS, K., and B.M. CLARK 2009 Baseline report on the status and sensitivity of the coastal marine environment off Oudekraal on the Cape Peninsula, with notes on developmental constraints. Report prepared for Doug Jeffery Environmental Consultants.

HUTCHINGS, K, CLARK, B.M and K. TUNLEY 2009. Baseline report on the marine ecology and impact assessment of proposed residential development at Partridge Point on the Cape Peninsula. Report for Chand Environmental Consulting.

HUTCHINGS, K., and B.M. CLARK 2009. Marine specialist baseline report and impact assessment of a proposed reverse osmosis desalinization plant at Myoli beach, Sedgefield. Report prepared for Cape Environmental Assessment Practitioners.

CLARK, B.M., PULFRICH, A., and K. HUTCHINGS 2009 - Sandy beach and rocky intertidal monitoring studies in the Bogenfels mining licence area, Namibia. 2009 monitoring report. Report for Namdeb Diamond Corporation, Namibia.

HUTCHINGS, K., HOLLYWOOD, C., and B. M. CLARK 2008. Training manual for sea going fisheries observers. Compiled to facilitate deployment of scientific fisheries observers on behalf of Marine and Coastal Management (DEAT Cape Town).

HUTCHINGS, K., HOLLYWOOD, C., and B. M. CLARK 2008. Training manual for shore based fisheries observers. Compiled to facilitate deployment of scientific fisheries observers on behalf of Marine and Coastal Management (DEAT Cape Town).

- CLARK, B., TURPIE, J. and K. HUTCHINGS 2008 – Olifants Estuary Management Plan Part 1: Situation assessment. Report to Cape Nature and the CAPE Estuary Management Programme.
- CLARK, B., TURPIE, J. and K. HUTCHINGS 2008 – Olifants Estuary Management Plan Part 2: Management Plan. Report to Cape Nature and the CAPE Estuary Management Programme.
- HUTCHINGS, K. and B. M. CLARK 2008 - Environmental assessment of Port Nolloth Seafarm's abalone (*Haliotis midae*) ranching operation. Report for: Marine and Coastal Management.
- CLARK, B., TURPIE, J. and K. HUTCHINGS 2008 – Berg River Estuary Management Plan Part 1: Situation assessment. Report to Cape Nature and the CAPE Estuary Management Programme.
- CLARK, B., TURPIE, J. and K. HUTCHINGS 2008 – Berg River Estuary Management Plan Part 2: Management Plan. Report to Cape Nature and the CAPE Estuary Management Programme.
- CLARK, B.M., PULFRICH, A., and K. HUTCHINGS 2008 - Sandy beach and rocky intertidal monitoring studies in the Bogenfels mining licence area, Namibia. 2008 monitoring report. Report for Namdeb Diamond Corporation, Namibia.
- HUTCHINGS, K., CLARK, B. M & E.M. YELD 2007 - Environmental overview study for exploration oil and gas drilling in the shallow water Tano block Ghana. Prepared for: TULLOW OIL PLC.
- CLARK, B.M., HUTCHINGS, K., JOSKE, M. & A. DUFFEL-CANHAM 2007 - Submerged macrophytes and macroalgae in the Berg River Estuary. Report compiled for the Department of Water Affairs and Forestry.
- CLARK, B.M., PULFRICH, A., and K. HUTCHINGS 2007 - Sandy beach and rocky intertidal monitoring studies in the Bogenfels mining licence area, Namibia. 2007 monitoring report. Report for Namdeb Diamond Corporation, Namibia.
- HUTCHINGS, K., CLARK, B., STEFFANI, N. and R. ANDERSON 2007 – Identification of communities, biotopes and species in the offshore areas and along the shoreline and in the shallow subtidal areas in BCLME region:1. Angola Field Survey Report. Prepared for Benguela Environment Fisheries Interaction and Training Programme (BENEFIT).

HUTCHINGS, K and A. DUFFEL-CANHAM 2007 - Acute toxicity of treated ballast water discharge from the Resource Ballast Technology reactor to South African marine and estuarine organisms. Report compiled for Resource Ballast Technology.

HUTCHINGS, K., ATKINSON, L. J. and B. M. CLARK 2006 - Sampling and Identification of Marine Fauna and Flora in the Port of Port Elizabeth. Report compiled for the National Ports Authority.

CLARK, B. M., BENNO, B.L., HUTCHINGS, K., KAMUGISHA, S., LUGOMELA, G., LUKAMBUZI, L., MATERU, E. and D. SALUM. 2006 - IUCN Water and Nature Initiative, Pangani River Basin Flow Assessment Initiative, Estuarine Health Assessment. Prepared for: Pangani Basin Water Office.

CLARK, B., WANLESS, R. and K. HUTCHINGS 2006 - Data management facility for the South African National Antarctica Programme (SANAP): Investigation of stakeholder requirements and an assessment of potential host institutions. Report compiled for the Department of Science and Technology.

HUTCHINGS, K., GRIFFITHS, M. H. and J. G. FIELD 2004, 2005 – Taxonomy, Biology and Management of *Umbrina* species. Year-end reports for the Department of Environmental Affairs and Tourism, Marine and Coastal Management.

HUTCHINGS, K., and B.M. CLARK 2005 - Due diligence study on Unagi International Plc/Sa eels (Pty.) Ltd. proposed eel aquaculture and processing facility at Dimbaza, Eastern Cape. Report prepared for the National Empowerment Fund.

CLARK, B., HUTCHINGS, K. and D. GAYNOR 2005 - Table Mountain National Park - Fisheries and Environmental Monitoring Programme. Interim report on the first three months data collection. Report compiled for WWF SA and SANP.

ATKINSON, L. HUTCHINGS, K., CLARK, B. M., and J. K. TURPIE – 2006 Saldanha Bay, State of the Bay Technical Report. Compiled for the Saldanha Bay Water Quality Trust.

HUTCHINGS, K. 2005 - Preliminary assessment of the potential impacts of a boat launching site on the marine and estuarine environment at Mbotyi River mouth. Report compiled for EMROSS consulting CC.

HUTCHINGS, K. and S. J. LAMBERTH 2000 - Management and Socio-economic Considerations for the Gill and Beach-seine Net Fisheries on the West and South-western Coasts of South Africa. Final report for the Department of Environmental Affairs and Tourism Marine and Coastal Management.

HUTCHINGS, K. 2000 – Marine Gill and Beach-seine Net Fishing Activity in the Northern and Western Cape Provinces. Report compiled for the Subsistence General Fisheries

Working Group, Department of Environmental Affairs and Tourism, Marine and Coastal Management.

CLARK, B., HUTCHINGS, K., and K. PROCHAZKA 1999 – Investigation into the impacts of bait collection of wonder worm *Marphysa sp.* in the Western Cape. Report for the Department of Environmental Affairs and Tourism, Marine and Coastal Management.