

CURRICULUM VITAE

GILES JOHN CHURCHILL

Current Position: Director and Senior Environmental Consultant
Name of Firm: ACER (Africa) Environmental Consultants
Name of Staff: Giles John Churchill
Profession: Environmental Consultant
Date of Birth: 25 June 1976
Years with Firm: 11
Nationality: South African



PROFESSIONAL REGISTRATIONS AND MEMBERSHIP

SACNASP Registration Number: 116348 (Registered as a Professional Natural Scientist – in the field of Environmental Science)

Member of IAIA – KwaZulu-Natal Chapter

KEY QUALIFICATIONS AND RELEVANT PROJECT EXPERIENCE

Key competencies

- Environmental Impact Assessment.
- Public Participation Processes
- Environmental Management Programmes
- Environmental Compliance Monitoring
- Environmental Auditing
- Safety, Health & Environment Representative (HW-592-PA-05000118)

Project Experience:

- 2017 - 2018** **MTN: Proposed landing of the ACE Cable System on the West Coast of South Africa**
Environmental Compliance Auditing [Environmental Compliance Officer]
- 2018:** **Umzimvubu Local Municipality.** Environmental Authorisation and associated permits/licenses for gravel access roads and concrete causeways near Mount Frere [EAP].
- 2018:** **Umzimvubu Local Municipality.** Environmental Authorisation and associated permits/licenses for gravel access roads and concrete causeways near Mount Frere [EAP].
- 2017-18:** **Dube Tradeport.** The extension of the Tongaat Trunk Sewer Line, KwaZulu-Natal. [Environmental Compliance Officer].
- 2017:** **Umzimvubu Local Municipality.** Environmental Authorisation and associated permits/licenses for gravel access roads and concrete causeways near Mount Frere [EAP].
- 2017:** **Umzimvubu Local Municipality.** Environmental Authorisation and associated permits/licenses for gravel access roads and concrete causeways near Mount Ayliff [EAP].
- 2017:** **Leo Mattioda.** Environmental Authorisation and Associated Mining Permit for a Borrow Pit on Mr J Readman's Farm near Heatonville [EAP].
- 2017:** **Eskom Distribution Limited.** Clocolan-Ficksburg 88 kV Power Line and Marallaneng Substation, Free State. [EAP].

- 2016 - 2017** **MTN: Proposed landing of the ACE Cable System on the West Coast of South Africa**
Environmental Impact Assessment including Scoping, Public Participation, Impact Assessment, commissioning of specialists, drafting of Terms of Reference, correspondence with authorities and applications for water use permits. Project Manager
- 2016 - 2017:** **Transnet National Ports Authority. Replacement of Critical Pipe Sections in the Port of Richards Bay, Kwazulu-Natal.**
Environmental Assessment Practitioner services for obtaining Environmental Authorisation, a Water Use Licence and Protected Species Permits. Project Manager.
- 2016 - 2017:** **Transnet National Ports Authority. Construction of an additional rail line within the Port of Richards Bay, Kwazulu-Natal.**
Environmental Assessment Practitioner services for obtaining Environmental Authorisation, a Water Use Licence and Protected Species Permits. Project Manager
- 2016:** **Eskom Distribution Limited. Clocolan-Ficksburg 88 kV Power Line and Marallaneng Substation, Free State.**
Environmental Assessment Practitioner services for amending the existing Environmental Authorisation and obtaining Water Use Authorisation] Project Manager.
- 2016** **iSimangaliso Wetland Park, World Heritage Site: Redevelopment of the St Lucia Estuary Precinct**
Environmental Impact Assessment (Basic Assessment) including Public Participation, commissioning of specialists, drafting of Terms of Reference, correspondence with authorities and applications for water use permits. Project Manager
- 2015 – 2016** **Eskom: Proposed 100 MW Concentrated Solar Facility (CSP 2) near Upington within the Northern Cape**
Environmental Impact Assessment including Scoping, Public Participation, commissioning of specialists, drafting of Terms of Reference, correspondence with authorities and applications for water use permits. Project Manager
- 2015 – 2016** **Eskom: Proposed 100 MW Concentrated Solar Facility (CSP 3) near Upington within the Northern Cape**
Environmental Impact Assessment including Scoping, Public Participation, commissioning of specialists, drafting of Terms of Reference, correspondence with authorities and applications for water use permits. Project Manager
- 2015** **Eskom Transmission: Site Specific Addendums to the Construction and Operational Environmental Management Programmes for the construction of the Kappa - Omega 765 kV Transmission Line within the Western Cape.**
Compilation of site specific addendums to the Construction and Operational Environmental Management Programmes (EMPr) for the Kappa-Omega 765 kV Transmission Line. Activities undertaken included the liaison with landowners, commissioning of specialists, correspondence to authorities, drafting of application for amendments and review of specialist reports. Project Manager.
- 2015** **Rehabilitation Plan for the Amatikulu Sand Mining Operation (Mr K.A Pearse)**
Rehabilitation Plan as required by DMR for a Sand Mining operation on the Amatikulu River (EMP: REF KZN30/5/1/2/10086MP)
- 2015** **Mine Closure Plan for the Amatikulu Sand Mining Operation (Mr K.A Pearse)**
Drafting of Mine Closure Report, Environmental Risk Report and Final Performance Assessment Report for the closure of Mine PERMIT NUMBER (KZN 30/5/1/2/10086MP)
- 2014 – 2016** **Vodacom**
Environmental Screening of proposed Vodacom Towers and Base Stations including review of current legislation, Public Participation, commissioning of specialists (if required), drafting of Terms of Reference, correspondence with authorities and Environmental Compliance Monitoring

- 2014** **Mhlathuze Water, Jozini - Ingwavuma Water Supply Scheme (Zones 8-12) near Jozini, Northern KwaZulu-Natal.**
Environmental Impact Assessment (Basic Assessment) including Public Participation, commissioning of specialists, drafting of Terms of Reference, correspondence with authorities and applications for water use permits. Project Manager.
- 2014** **Department of Public Works: Proposed Marula Pack House and Jam processing facility near Manguzi, Northern KwaZulu-Natal.**
Environmental Compliance Monitoring and submission of quarterly audit reports to the Department of Environmental Affairs. Project Manager.
- 2014-2015** **Senekal Boerdery – Agricultural Development near Mkuze, Northern KwaZulu-Natal.**
Environmental Impact Assessment (Full EIA) including Public Participation, commissioning of specialists, drafting of Terms of Reference, correspondence with authorities and applications for water use permits. Project Manager.
- 2014-2015** **Mhlathuze Water, Jozini - Ingwavuma Water Supply Scheme: Environmental Compliance Monitoring**
Environmental Compliance Monitoring of all contractors involved in the construction of the Jozini – Ingwavuma Water Supply Scheme. Duties included environmental compliance monitoring, environmental auditing and assisting with permit applications as and when required.
- 2012-2015** **iSimangaliso Wetland Park, World Heritage Site: Redevelopment of the Sodwana Beach Node**
Environmental Impact Assessment (Basic Assessment) including Public Participation, commissioning of specialists, drafting of Terms of Reference, correspondence with authorities and applications for water use permits. Project Manager
- 2008-2018** **iSimangaliso Wetland Park, World Heritage Site: Environmental Auditing**
Environmental Auditing and Compliance Monitoring of infrastructure developments within the iSimangaliso Wetland Park.
- 2007-2013** **iSimangaliso Wetland Park, World Heritage Site: Phase 4 Infrastructure Development Programme. Environmental Management Programme**
Environmental Management of infrastructure development programme, including processes required in terms of both iSimangaliso internal procedures and EIA Regulations under Sections 21 and 22 of the Environment Conservation Act 73 of 1989; compilation of Environmental Management Plans (EMP) and EMP compliance monitoring for upgrades and construction of roads and other tourist and Park infrastructure on the Eastern and Western Shores, uMkhuze and Coastal Forest Reserve for the Wetlands Authority, iSimangaliso Wetland Park.
- 2007 - 2018** **iSimangaliso Wetland Park, World Heritage Site: Buffer Zone Management**
Assistance to iSimangaliso in identifying and assessing potential impacts of proposed developments in iSimangaliso's Zone of Influence, and preparing comment on behalf of iSimangaliso on such developments as part of formal EIA and other legal planning processes.
- 2013** **Department of Public Works: Proposed Marula Pack House and Jam processing facility near Manguzi, Northern KwaZulu-Natal.**
Environmental Impact Assessment (Basic Assessment) including Public Participation, commissioning of specialists, drafting of Terms of Reference, correspondence with authorities and applications for water use permits. Project Manager.
- 2013** **Richards Bay Industrial Development Zone (RBIDZ): Proposed widening of Medway Road within Richards Bay, Northern KwaZulu-Natal.**
Environmental Impact Assessment (Basic Assessment) including Public Participation, commissioning of specialists, drafting of Terms of Reference, correspondence with authorities and applications for water use permits. Project Manager.

- 2013** **Eskom Transmission: Construction and Operational Environmental Management Programmes for the construction of the Kappa - Omega 765 kV Transmission Line within the Western Cape.**
 Compilation of the Construction and Operational Environmental Management Programmes (EMPr) for the Kappa-Omega 765 kV Transmission Line. Activities undertaken included the liaison with landowners, commissioning of specialists, correspondence to authorities, drafting of water use licence applications and review of specialist reports. Project Manager.
- 2013** **UMkhanyakude District Municipality, Extension to the Mtubatuba Water Treatment Works.**
 Compilation of the Environmental Management Plan (EMP), commissioning of specialists and correspondence to authorities. Compliance monitoring and submission of Environmental Compliance Audit Reports to the relevant authorities. Project Manager
- 2012** **Sasol Onshore Seismic Exploration (Mozambique)**
 Implementation of Compensation Procedures in line with World Bank requirements for Sasol's Onshore Seismic Exploration Activities in, Inhambane Province, Mozambique. Project Manager.
- 2012** **Sasol Natural Gas Project: Resettlement Planning and Implementation Program – Offshore: Sofala 3D Shallow Water Seismic Exploration (Mozambique)**
 Implementation of Compensation Procedures in line with World Bank requirements for Sasol's Offshore Seismic Exploration off the Sofala Banks, Sofala Province, Mozambique. Project Manager.
- 2012** **Transnet Capital Projects, Nsezi Rail Upgrade**
 Technical Scoping Report including the commissioning of specialists, drafting of Terms of Reference and correspondence with authorities. Project Manager
- 2011** **Mozambique Coal Industry Export Initiative Rail and Port Infrastructure Study (FEL 1 and 2): Environmental Aspects (Mozambique)**
 Initial assessment and high level screening of environmental site selection criteria and concept designs for a deep water coal export port and associated rail links. The outcomes of the project included an integrated FEL 1 and FEL 2 report which included site screening, a description of the environment, identification of fatal flaws and red flags, and possible socio-economic development opportunities
- 2010 – 2011** **Mulilo Renewable Energy, Thukela Hydro Electric Power Schemes**
 Environmental Impact Assessment including Scoping, Public Participation, commissioning of specialists, drafting of Terms of Reference, correspondence with authorities and applications for water use permits. Project Manager
- 2010** **CBM Agricultural Development Project (Mozambique)**
 Environmental Authorisation Process including an Environmental Pre-viability Study and Definition of Scope of Work for the Impact Assessment.
- 2008 – 2009** **Transnet Capital Projects, Geotechnical Survey of the Port of Richards Bay**
 Environmental Authorisation Process including the compilation of five Basic Assessment Reports, commissioning of specialists and correspondence to authorities and Interested and Affected Parties. Project Manager.
- 2008 – 2009** **Sasol Offshore Seismic Exploration (Mozambique)**
 Implementation of Compensation Procedures in line with World Bank requirements for Sasol's Offshore Seismic Exploration Activities in Blocks 16 and 19, Inhambane Province, Mozambique. Project Manager.
- 2009** **Transnet Capital Projects, Amendment to Sand Mining EMP**
 Amendment to existing Transnet Limited sand Mining EMP: Portion 12 of Reserve 6, No. 15825 GV within the District of uMhlathuze Application No. KZN6/2/2/1221
- 2008** **uMlalazi Local Municipality, Eshowe**
 Environmental Planning Services

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- 2008** **Proposed re-engineering of Durban Container Terminal in the Port of Durban**
Environmental Impact Assessment Report in support of an Application for Exemption
- 2008** **iSimangaliso Wetland Park, World Heritage Site: Placement of the DAR 1 and DAR 2 to Construct Artificial Reefs.**
Drafting of the Technical Guidelines for the placement of the DAR 1 and DAR 2 for the purpose of creating artificial reefs including appointment of specialists, drafting of Terms of Reference, review of specialist reports, authority correspondence and assistance with establishing environmental monitoring programs.
- 2008** **KwaZulu-Natal Department of Transport: Roads, Causeways and Pedestrian Bridges**
EMP Compliance Monitoring
- 2007** **KwaZulu-Natal Department of Transport: Environmental Authorisation process and Mining Licences for the opening of Borrow Pits and Quarries required for the upgrade of Sani Pass Road (P318): Phase 1, KwaZulu-Natal, South Africa**
Assisting author in the compilation of the Scoping and EIA for the design, preconstruction, construction, rehabilitation and maintenance phases of the proposed Borrow Pit and Quarries as well as submission of documents to the Department of Mineral Resources.

EDUCATION:

- 1989 - 1993** : **Greytown High School**
- 1995-1999** : **Bachelor of Science Rhodes University**
(Majoring in Zoology and Geography)
- 2000** : **Honours Degree Rhodes University**
Ichthyology Fisheries Science
- 2001 –2003** : **Master of Science Rhodes University**
Thesis Title: AN INVESTIGATION INTO THE CAPTIVE SPAWNING, EGG CHARACTERISTICS AND EGG QUALITY OF THE MUD CRAB (*Scylla serrata*) IN SOUTH AFRICA. (Located at: <http://eprints.ru.ac.za/50/>)

EMPLOYMENT HISTORY:

- 2007 – Present** **Agricultural, Community, Environmental and Rural Development Consultants (Pty) Ltd. t/a ACER (Africa) Environmental Consultants**
Director and Senior Environmental Consultant
- 2005 – 2007** **AQUAZUL (Aquaculture Consultant/Facilitator) [Self Employed]**
Projects Included:
- 2005 – 2006** **Agricultural Research Council (ARC)**
Project Manager for the Department of Science and Technology (Government) Small Scale Community Aquaculture development initiative in KwaZulu Natal Tugela Estates project.
- 2005 – 2006** **Agricultural Research Council (ARC)**
Project Manager for the Department of Science and Technology (Government) Small Scale Community Aquaculture development initiative in KwaZulu Natal Makhathini Flats Cage culture Project (*Tilapia spp.*).
- 2005 – 2006** **Agricultural Research Council (ARC)**

Project Manager for the Department of Science and Technology (Government) Small Scale Community Aquaculture development initiative in KwaZulu Natal Riverview Hatchery (Tilapia).

2006

Golder Associates

Assessment of the Aquaculture potential of the Sondos Agricultural Project near Khartoum in the Sudan.

2003 – 2005 Stellenbosch University (Aquastel)

Farm Manager Riverview Tilapia Farm – Assessment of Tilapia (*O. mossambicus*) for commercial pond culture in Northern KwaZulu-Natal.

Languages:

| LANGUAGE | SPEAK | READ | WRITE |
|-----------|-----------|-----------|-----------|
| English | Excellent | Excellent | Excellent |
| Afrikaans | Fair | Excellent | Fair |

References:

Mr A Zaloumis
CEO – iSimangaliso Wetland Park
Email: apz@worldonline.co.za
Tel: 035 5901663

Mr Vishane Ramharak
AECOM
Email: vishane.ramharak@aecom.com
Tel: 084 0388 011

CERTIFICATION

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications and experience.



Giles John Churchill
1 May 2018