

CONTACT DETAILS

Name of Company	CES – Environmental and Social Advisory Services
Designation	Grahamstown Branch
Profession	Environmental Consultant, GIS Specialist Surface Water Quality Specialist
Years with firm	7 Years
E-mail	J.Green@cesnet.co.za
Office number	+27 (0)46 622 2364
Nationality	South African
Professional Body	<ul style="list-style-type: none">➤ SACNASP, South African Council for Natural Scientific Profession, Professional (Pending)➤ African Journal of Aquatic Science➤ IAIASa: Member of the International Association for Impact Assessments South Africa
Key areas of expertise	<ul style="list-style-type: none">➤ Geographic Information Systems (GIS)➤ Wetland Assessment➤ Surface Water & Aquatic Assessment

PROFILE

Mr Justin Green

Justin has a BSc. degree in Zoology and Entomology as well as a Post Graduate Diploma in Enterprise Management from Rhodes University. Justin has been an Environmental Consultant with CES for 7 years and has been involved in extensive work in Renewable Energy Projects and mining based projects. Justin has played an integral part in Basic Assessments and Environmental Impact Assessments. His work experience has been completed in South Africa, Lesotho, Mozambique, Zambia, Cameroon, Tanzania, Madagascar and The DRC.

He is a part of the Geographical Information Systems (GIS) team for the past 7 years with his primary experience through ArcGIS 10 and Quantum GIS 3.4. He has been involved in producing mapping data for a multitude of international projects all up to African IFC and World Bank standards.

Justin has also made a considerable difference using OruxMaps for the purpose of specialist fieldwork and mapping purposes. His experience lies in the training and managing of field teams in the use of this technology to accurately measure and locate households, farmlands and areas of special interest that are then incorporated into the GIS database. Tablet based questionnaires are also used by these field teams to conduct surveys to collect information on project affected persons that are capable of linking to the spatial data collect. All survey data can then efficiently and accurately be captured in a Microsoft Access database for evaluation.

**EMPLOYMENT
EXPERIENCE**

- EOH Coastal & Environmental Services,**
Environmental Consultant
April 2012 - Present
- Consultant
 - GIS Specialist
 - Surface Water & Aquatic Specialist
 - Wetland Specialist

**ACADEMIC
QUALIFICATIONS**

- B.Sc. Zoology and Entomology**
Rhodes University, Grahamstown
2010
- Post-Graduate Diploma in Enterprise Management**
Rhodes University, Grahamstown
2011

COURSES

- Rhodes University and CES, Grahamstown
“EIA Short Course”. 2012.
- IMBEWU, Port Elizabeth.
“Contaminated Land Workshop”. 2013.
- GroundTruth, Grahamstown.
“SASS5 Aquatic Biomonitoring Training Course”. 2015.
- Rhodes University, Grahamstown.
“Tools for Wetland Assessment”. 2017.

CONSULTING EXPERIENCE

**BIRD & BAT
MONITORING
PROGRAMMES**

- **Project: Innowind Waainek Wind Farm (2017)**
 - **Location:** Grahamstown, South Africa
 - **Role:** Bird and Bat mortality counts
 - Climate data collection
 - Bat call identification

**RESSETLEMENT ACTION
PLANS (RAP)**

- **Project: Kenmare Pilivili Mine (2017)**
 - **Location:** Moma, Mozambique.
 - **Role:** Data Management & Map Production
- **Project: TOTAL EAST AFRICA MIDSTREAM B.V (2018) East African Crude Oil Pipeline (EACOP)**
 - **Location:** Tanzania
 - **Role:** Data Management & Field team management

**WETLANDS, SURFACE
WATER & AQUATIC
ASSESSMENTS**

- **Project: Triton Nicanda Hills Graphite Mine (2014)**
 - **Location:** Montepuez, Mozambique.
 - **Role:** Surface water quality testing and aquatic invertebrate collection using the South African Scoring System (SASS)
- **Project: Sasol Nhangonzo Mozambique Biodiversity Assessment (2015)**
 - **Location:** Inhassorro, Mozambique.
 - **Role:** Surface water quality testing and aquatic invertebrate collection using the South African Scoring System (SASS)
- **Project: Alphamin Resources Mining ESIA (2015)**
 - **Location:** Democratic Republic of Congo (DRC).
 - **Role:** Surface water quality testing and aquatic invertebrate collection using the South African Scoring System (SASS)
- **Project: GK Ancuabe Graphite Mine S.A. (2016)**
 - **Location:** Ancuabe, Mozambique.
 - **Role:** Surface water quality testing and aquatic invertebrate collection using the South African Scoring System (SASS)
- **Project: Murrimo Macadamias, Potatoes and Grains Project (2016)**
 - **Location:** Gúrùe, Zambezia Province, Mozambique.
 - **Role:** Surface water quality testing and aquatic invertebrate collection using the South African Scoring System (SASS)
- **Project: Kenmare Pilivili Mine (2017)**
 - **Location:** Moma, Mozambique.
 - **Role:** Surface water quality testing
- **Project: Triton Ancuabe Graphite Mine (2017)**
 - **Location:** Ancuabe, Mozambique.
 - **Role:** Surface water quality testing and aquatic invertebrate collection using the South African Scoring System (SASS)
- **Project: Triton Ancuabe Graphite Mine (2018)**
 - **Location:** Ancuabe, Mozambique.
 - **Role:** Surface water and Groundwater pre-construction monitoring
- **Project: JCM Cameroon Solar PV (2017)**
 - **Location:** Mbalmayo, Cameroon.
 - **Role:** Wetland Delineation & Water quality
- **Project: Suni Balama Graphite Mine (2018)**
 - **Location:** Balama, Mozambique.
 - **Role:** Surface water quality testing and aquatic invertebrate collection using the South African Scoring System (SASS)
- Environmental and Social Impact Assessment Ranobe Mine Project, Southwest Region, Madagascar (2013)
- RHDHV – Biofuel ESIA Disclosure, Sofala Province, Mozambique (2014)
- London Mining Marampa Iron Ore Sierra Leone (2014)

**ENVIRONMENTAL AND
SOCIAL IMPACT
ASSESSMENT
(ESIA)**

**ENVIRONMENTAL
IMPACT ASSESSMENT
(EIA) AND PRE-
FEASIBILITY
ASSESSMENTS**

- Proposed Upgrade of the Maroua Oil Mill in the Republic of Cameroon (2014)
- Proposed Upgrade of the Garoua Oil Mill in the Republic of Cameroon (2014)
- Green Resources Medium Density Fibreboard Production, Niassa Province, Mozambique (2014)
- Environmental Impact Statement: Sentinel Deposit, North Western Province, Zambia (2012)
- Mooi-Mgeni Transfer Scheme – Phase 2, Kwazulu-Natal Province, South Africa (2013)
- Syrah Balama Graphite Project: Pre-feasibility and Environmental Scoping Report, Mozambique (2013)
- Kamiesberg Project, Namakwaland, South Africa (2013)
- Belmont Valley Golf Course and Makana Residential Estate (EIA) (2013)
- Eastern Cape Biofuels Production (SEA) (2016)
- Resettlement Action Plan: Murrimo Macadamias, Potatoes and Grains Project (2015)

**INTERNATIONAL
MINING PROJECTS**

- Toliara Mineral Sands Rehabilitation and Offset Strategy Report, Madagascar (2014)
- Syrah Resources, Cabo del Gado, Mozambique (2014)
- Baobab Mining, Tete, Mozambique (2014)
- Triton Minerals Nicanda Hill Graphite Mine, Cabo del Gado, Mozambique (2014)
- Alphamin Resources ESIA, DRC (2016)
- Kenmare Pilivili Heavy Minerals Mine ESIA, Moma, Mozambique (2017)
- Metals of Africa Graphite Mine, Ancuabe, Mozambique (2017)
- Triton Minerals Ancuabe Graphite Mine, Cabo del Gado, Mozambique (2017)

**WIND ENERGY
PROJECTS
(EIA)**

- MakanaOne Wind Energy Project (2012)
- Middleton Wind Energy (2012)
- Mossel Bay Wind Energy Project (2012)
- Plan 8 Wind Energy Project (2012)
- Grassridge Wind Energy Project (Coega) (2013)
- St Lucia Wind Energy Project (2013)
- Cookhouse Wind Energy Project (2013)
- Dassiesridge Wind Energy (2014)
- Inyanda-Roodeplaat Farm Wind Energy (2015)

**SOLAR ENERGY
PROJECTS
(EIA)**

- MakanaOne Brack Kloof Photovoltaic Solar Energy Project, RSA (2012)
- MakanaOne Hilton Photovoltaic Solar Energy Project, RSA (2012)
- MakanaOne Table Hill Photovoltaic Solar Energy Project, RSA (2012)
- MakanaOne Watt Hill Photovoltaic Solar Energy Project, RSA (2012)
- JCM Solar PV Project, Cameroon (2017)

**BASIC ASSESSMENT
(BAR)**

- Resort Development On Portion 17 of Farm Gorah 398 (2012)
- Walmer 17th Avenue 132KV Powerline (2012)
- SANRAL Grahamstown to Fish River Road Upgrade (2013)
- Rehabilitation of R61 Section 2 Elinus Farm (Km42.2) To N10 (Km85), Cradock, Eastern Cape) (2013)

**ADDITIONAL
EXPERIENCE**

- Rehabilitation of N10 Section 3 between Riet River Bridge (km 45.2) and Tarka Bridge (km 68.5), Cradock, Eastern Cape (2013)
- Uhambiso Glenhurd Road Upgrade & Baakens River Bridge (2015)
- Innowind Ukomeleza & Olifantskop Substations and Overhead Powerlines (2015)
- Grahamstown Fairewood Estate Development (2015)
- Zirco Kenhardt Prospecting Application (2015)

Faunal Assessments

- Lesotho Highlands Water Project ESIA, Lesotho (2014)
 - Mammal component for Faunal specialist study (trapping and identification), assistant to Faunal specialist.

Ecological Assessments

- Borrow Pit in Libode, Eastern Cape Province (2014)
- LHDA Botanical Survey and Impact Assessment, Lesotho (2014)
- Kenmare Terrestrial Monitoring Program, Specialist Survey, MOMA, Mozambique (2014 & 2016)
- Doorndraai Citrus Ecological Assessment, Bedford, South Africa (2017)

Due Diligence

- Coega Brick Due Diligence (2012)

Environmental Auditing

- Strowan Mine Environmental Auditing (2013)
- Grahamstown Municipal Dump Auditing (2017)
- Lalibela Lentaba Lodge Construction auditing (2017)

Policy and Guidelines

- Water use licence applications for various river crossings for Rehabilitation of R61 Section 2 Elinus Farm (Km42.2) To N10 (Km85), Cradock, Eastern Cape (BAR) (2013)

Mining applications

- Mining Application for Hard Rock Quarry and borrow pits for N10-3 road upgrade (2013)
- Mining Application for Hard Rock Quarry and borrow pits for R61-2 road upgrade (2013)
- Mining Application for Hard Rock Quarries and borrow pits for N2 road upgrade (2013)

Languages	Speak	Read	Write
English	Excellent	Excellent	Excellent
Afrikaans	Satisfactory	Satisfactory	Satisfactory
Portuguese	Poor	Satisfactory	Poor

CERTIFICATION

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

JUSTIN GREEN

Date: January 2019