

CONTACT DETAILS

Name of Company	Coastal and Environmental Services (Pty) Ltd
Trading as	CES
Description of Company	Environmental and Social Advisory Services
Profession	Senior Technical Specialist
Experience	12 Years
E-mail	Justin.Green@cesnet.co.za
Cellphone number	+27 73 289 1163
Nationality	South African
Professional Body	<ul style="list-style-type: none">➤ 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">➤ Environmental Impact Assessments (EIA)➤ Resettlement Action Plan (RAP)➤ Remote Access Platforms➤ Geographic Information Systems (GIS)➤ Wetland Assessment & Surface Water Assessments

PROFILE

Mr Justin Green

Justin is the Director and Environmental Consultant at Just Green GIS (Pty) Ltd. With over 11 years of experience in Environmental Consulting, he possesses a deep understanding of the field. Justin holds a Bachelor of Science degree in Zoology & Entomology from Rhodes University, as well as a Post Graduate Diploma in Enterprise Management, with a focus on Project Management, Business Development, and Strategic Operations Management.

As a consultant, Justin oversees projects, manages teams and support staff, and monitors project budgets of up to R2 Million. He specializes in Environmental and Social Impact Assessment (ESHIA) projects for infrastructure, renewable energy, agriculture, and mining developments across Africa, adhering to rigorous standards set by institutions such as the World Bank and International Finance Corporation.

Justin has extensive experience in conducting environmental and social baseline studies in the mining, renewable energy, agro-industry, forestry, biofuel, and oil sectors in East and West Africa, as well as southern African countries.

Throughout his professional journey, Justin has had the opportunity to work in various countries, including the Democratic Republic of Congo (DRC), Lesotho, Mozambique, Zambia, Cameroon, Tanzania, Malawi, Swaziland, Madagascar, and extensively across South Africa. His involvement in numerous environmental management studies has endowed him with an in-depth understanding of environmental legislation and policy requirements.

He is recognized as an environmental specialist in Water Resources Management, Aquatic Biomonitoring and Assessment, and has expertise in Wetland Assessment and Delineation. Justin has conducted environmental management studies in various African countries, gaining a comprehensive understanding of environmental legislation and policy requirements.

Justin's specialist activities include Wetland Delineation Assessments, Surface Water and Aquatic Invertebrate Assessments, and Geographic Information Systems (GIS) using ArcGIS 10 for map production.

In summary, Justin is a highly experienced and accomplished environmental consultant, skilled in project management, GIS, and environmental assessments, making him an invaluable asset in various industries.

<p>EMPLOYMENT EXPERIENCE</p>	<p>Just Green GIS, Cape Town, South Africa Director <i>July 2022 - Present</i></p> <ul style="list-style-type: none"> ➤ Environmental Impact Assessments ➤ Resettlement Action Planning ➤ GIS Applications ➤ ODK based collection software ➤ Remote Sensing; and ➤ Drone based 2D & 3D Photogrammetry <p>Coastal & Environmental Services, Cape Town, South Africa Senior Technical Specialist <i>January 2024 – Present</i></p> <ul style="list-style-type: none"> ➤ Senior Consultant ➤ GIS Specialist ➤ Resettlement Specialist <p>Coastal & Environmental Services, Cape Town, South Africa Senior Environmental Consultant <i>January 2020 – June 2022</i></p> <ul style="list-style-type: none"> ➤ Senior Consultant ➤ GIS Specialist ➤ Surface Water & Aquatic Specialist ➤ Wetland Specialist <p>Coastal & Environmental Services, Grahamstown, South Africa Environmental Consultant <i>April 2012 – December 2019</i></p> <ul style="list-style-type: none"> ➤ Consultant ➤ GIS Specialist ➤ Surface Water & Aquatic Specialist ➤ Wetland Specialist
<p>ACADEMIC QUALIFICATIONS</p>	<p>Bachelor of Science: Zoology and Entomology</p> <ul style="list-style-type: none"> ➤ Rhodes University, Grahamstown ➤ 2006 - 2010 <p>Post-Graduate Diploma in Enterprise Management</p> <ul style="list-style-type: none"> ➤ Rhodes University, Grahamstown ➤ 2011
<p>COURSES</p>	<ul style="list-style-type: none"> ➤ 2012 - Rhodes University and CES - EIA Short Course. ➤ 2013 - IMBEWU - Contaminated Land Workshop.

	<ul style="list-style-type: none"> ➤ 2015 - GroundTruth - SASS5 Aquatic Biomonitoring Training Course. ➤ 2017 - Rhodes University - Tools for Wetland Assessment. ➤ 2020 - ESRI - Do-It-Yourself Geo Apps ➤ 2020 - ESRI - Going Places with Spatial Analysis ➤ 2021 - ESRI - The Location Advantage ➤ 2021 - ESRI - GIS Basics ➤ 2021 - ESRI - Imagery in Action ➤ 2021 - ESRI - Getting Started with Spatial Analysis ➤ 2021 - ESRI - Spatial Data Science: The New Frontier in Analytics ➤ 2022 - ESRI - Cartography ➤ 2023 - ESRI - Using Tile-Based Processing in ArcGIS Drone2Map ➤ 2024 - ESRI - Transform AEC Projects with GIS and BIM
--	--

CONSULTING EXPERIENCE	
DRONE MAPPING & GIS BASED PROJECTS	<ul style="list-style-type: none"> ➤ 2023 - Karreebosch WEF, South Africa ➤ 2023 - Kareedouw WEF, South Africa ➤ 2023 - NDA Project – Solar PV and WEF, South Africa ➤ 2023 - NDA Project – Solar PV and WEF, South Africa ➤ 2023 - TLST Forestry – Spatial Mapping of Monitoring Stations, Congo ➤ 2023 - Kenya Wildlife Service - Wildlife habitat mapping, Kenya ➤ 2023 - Detrival Agricultural extension services: GIS and Remote Sensing, South Africa ➤ 2023 - Embravile Land degradation monitoring: GIS and Remote Sensing, South Africa ➤ 2023 - Stanford Housing Development - Water resource management planning, South Africa ➤ 2023 - Imbegweni Ecosystem restoration planning and sensing, Ghana ➤ 2023 - Mbagwande Dam ESHIA - Flood Inundation Modelling, Tanzania ➤ 2023 - JDR Clinical & Translational Research - Geospatial Data Collection, South Africa ➤ 2023 - Spatial Analysis of Land Use Land Cover of the Etsako West project, Nigeria ➤ 2023 - Kenmare Congolone pre-feasibility assessment – Drone mapping of potential ore body, Mozambique ➤ 2023 - Kenmare Nataka Mine RAP - Drone mapping of study area, Mozambique ➤ 2023 - Kenmare Nataka River crossing - Drone mapping of study area, Mozambique ➤ 2023 - Kenmare Pilivili Exit Path RAP - Drone mapping of study area, Mozambique
ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT (ESIA)	<ul style="list-style-type: none"> ➤ 2012 - Environmental Impact Statement: Sentinel Deposit, North Western Province, Zambia ➤ 2013 - 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 - Environmental and Social Impact Assessment Ranobe Mine Project, Southwest Region, Madagascar ➤ 2014 - RHDHV – Biofuel ESIA Disclosure, Sofala Province, Mozambique
INTERNATIONAL	

	<ul style="list-style-type: none"> ➤ 2014 - London Mining Marampa Iron Ore Sierra Leone (2014) ➤ 2014 - Upgrade of the Maroua Oil Mill in the Republic of Cameroon ➤ 2014 - Upgrade of the Garoua Oil Mill in the Republic of Cameroon ➤ 2014 - Green Resources Medium Density Fibreboard Production, Niassa Province, Mozambique ➤ 2015 - Resettlement Action Plan: Murrimo Macadamias, Potatoes and Grains Project, Mozambique ➤ 2016 - Eastern Cape Biofuels Production (SEA) ➤ 2016 - Olam Kateshi Agricultural Development, Zambia ➤ 2018 - Crookes Brothers Agricultural Development, Mozambique ➤ 2020 - St Francis Bay Estuary study, RSA ➤ 2020 - Sphinx Advisors ESIA GAP Analysis, RSA ➤ 2020 - EEC Swaziland Transmission ESIA ➤ 2020 - Green Resources E&S training programme, Mozambique
<p>MINING PROJECTS</p> <p>INTERNATIONAL</p>	<ul style="list-style-type: none"> ➤ 2014 - 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 ➤ 2016 - Alphamin Resources TIN Mine ESIA, DRC ➤ 2017 - 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 - Kenmare Pilivili Heavy Minerals Mine Addendum ESIA, Moma, Mozambique ➤ 2019 - Kenmare Pilivili Road Upgrade EIA, Moma, Mozambique ➤ 2022 - Kenmare Nataka TSF Heavy Minerals Mine ESIA, Moma, Mozambique ➤ 2022 - Kenmare Nataka MDA Heavy Minerals Mine ESIA, Moma, Mozambique ➤ 2022 - FG Gold ESIA GAP Analysis, Sierra Leone ➤ 2022 - South Heavy Sands Corridor Project, Mozambique ➤ 2022 - Kenmare Pilivili Addendum ESIA, Moma, Mozambique ➤ 2023 - Kenmare Marrua pre-feasibility study, Moma, Mozambique ➤ 2023 - Kenmare Congolone pre-feasibility study, Moma, Mozambique ➤ 2023 - Kenmare Nataka Heavy Minerals Mine, Moma, Mozambique
<p>RESSETTLEMENT ACTION PLANS (RAP)</p>	<ul style="list-style-type: none"> ➤ 2015 - Murrimo Macadamias, Potatoes and Grains Project, Mozambique ➤ 2017 - Kenmare Moma Mine, Moma, Mozambique ➤ 2019 - Kenmare Pilivili Mine, Moma, Mozambique ➤ 2018 - Total East Africa Midstream B.V - East African Crude Oil Pipeline (EACOP), Tanzania ➤ 2019 - SMEC RAP Audit, Malawi ➤ 2020 - EEC Transmission RAP, Swaziland ➤ 2022 - LHDA Socio Economic & Epidemiology Study ➤ 2022 - Kenmare Nataka TSF Heavy Minerals Mine ESIA, Moma, Mozambique ➤ 2022 - Kenmare Nataka MDA Heavy Minerals Mine ESIA, Moma, Mozambique ➤ 2023 - Kenmare Nataka TSF Heavy Minerals Mine, Moma, Mozambique ➤ 2023 - Kenmare Nataka MGA Heavy Minerals Mine, Moma, Mozambique ➤ 2023 - HDR Nacala Solar RAP, Nacala, Mozambique

	<ul style="list-style-type: none"> ➤ 2023 - Kenmare Pilivili Exit Path RAP, Moma, Mozambique
<p>WIND ENERGY PROJECTS (EIA)</p> <p>SOUTH AFRICA</p>	<ul style="list-style-type: none"> ➤ 2012 - MakanaOne Wind Energy Project ➤ 2012 - Middleton Wind Energy ➤ 2012 - Mossel Bay Wind Energy Project ➤ 2012 - Plan 8 Wind Energy Project ➤ 2013 - Grassridge Wind Energy Project (Coega) ➤ 2013 - St Lucia Wind Energy Project ➤ 2013 - Cookhouse Wind Energy Project ➤ 2014 - Dassiesridge Wind Energy ➤ 2015 - Inyanda-Roodeplaat Farm Wind Energy
<p>SOLAR ENERGY PROJECTS (EIA)</p> <p>SOUTH AFRICA</p>	<ul style="list-style-type: none"> ➤ 2012 - 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 ➤ 2018 - JCM Solar PV Project, Cameroon ➤ 2021 - Voltaia Solar Photovoltaic EIA, Malawi
<p>BASIC ASSESSMENT (BAR)</p> <p>SECTION 24G RECTIFICATIONS REPORTS</p>	<ul style="list-style-type: none"> ➤ 2012 - Resort Development on Portion 17 of Farm Gorah 398 ➤ 2012 - Walmer 17th Avenue 132KV Powerline ➤ 2013 - SANRAL Grahamstown to Fish River Road Upgrade ➤ 2013 - Rehabilitation of R61 Section 2 Elinus Farm (Km42.2) To N10 (Km85), Cradock, Eastern Cape ➤ 2013 - Rehabilitation of N10 Section 3 between Riet River Bridge (km 45.2) and Tarka Bridge (km 68.5), Cradock, Eastern Cape ➤ 2015 - Uhambiso Glenhurd Road Upgrade & Baakens River Bridge ➤ 2015 - Innowind Ukomeleza & Olifantskop Substations and Overhead Powerlines ➤ 2015 - Grahamstown Fairewood Estate Development, RSA ➤ 2015 - Zirco Kenhardt Prospecting Application, RSA ➤ 2018 - Justin Le Roux S24G, RSA ➤ 2020 - Ramotshere Berg Housing, RSA ➤ 2020 - Ramotshere kort Housing, RSA ➤ 2020 - Adcock Housing Development S24G, RSA ➤ 2020 - Oudtshoorn Cemetery S24G, RSA ➤ 2020 - TCWF Piggery BAR, RSA ➤ 2021 - SARAO Micro-Rendering Facility Carnavon BAR ➤ 2021 - Sturdee Energy Solar BAR ➤ 2021 - ESKOM Kudu 400kV Line BAR ➤ 2022 - Witzenberg Cemetery BAR ➤ 2022 - Oudtshoorn Cemetery BAR
<p>WETLANDS, SURFACE WATER & AQUATIC ASSESSMENTS</p> <p>SOUTH AFRICA & INTERNATIONAL</p>	<ul style="list-style-type: none"> ➤ 2014 - Triton Nicanda Hills Graphite Mine, Mozambique ➤ 2015 - Sasol Nhangonzo Mozambique Biodiversity Assessment ➤ 2015 - Alphamin Resources Mining ESIA, DRC ➤ 2016 - GK Ancuabe Graphite Mine, Mozambique ➤ 2016 - Murrimo Macadamias, Potatoes and Grains Project, Mozambique ➤ 2017 - Kenmare Pilivili Mine, Mozambique ➤ 2018 - Kenmare Road upgrade, Mozambique ➤ 2017 - Triton Ancuabe Graphite Mine, Mozambique ➤ 2018 - Triton Ancuabe Graphite Mine Monitoring, Mozambique ➤ 2017 - JCM Cameroon Solar PV, Cameroon ➤ 2018 - Suni Balama Graphite Mine, Mozambique ➤ 2019 - CGA Siyahluma Citrus Farm, South Africa ➤ 2019 - CGA Nomzamo Citrus Farm, South Africa

	<ul style="list-style-type: none">➤ 2020 - Transnet Telecomms, South Africa
MONITORING PROGRAMMES	<ul style="list-style-type: none">➤ 2017 - Innowind Waainek Wind Farm – 12 Month Bat Monitoring➤ 2019 - Triton Ancuabe Graphite Mine – 12 Month Water Monitoring➤ 2020 - Kenmare Pilibili – Mangrove Monitoring, Mozambique➤ 2020 - ELIDZ – Water Monitoring Plan, South Africa➤ 2022 - EDF Chaba Wind Energy Project – 5 Year Bat Monitoring➤ 2022 - EDF Grassridge Wind Energy Project – 5 Year Bat Monitoring➤ 2022 - EDF Waainek Wind Energy Project – 5 Year Bat Monitoring➤ 2022 - EDF Wesley Wind Energy Project – 1 Year Bat Monitoring➤ 2022 - Albertinia Mine Monitoring, South Africa

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

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: 12 January 2024