

Name of Consultant: Kelly Ochs
 Position / Profession: Environmental Practitioner
 Date of Birth: 11 October 1995
 Nationality: Namibian
 Email: kelly@eccenvironmental.com
 Website: www.eccenvironmental.com
 Contact: +264 81 408 2077


QUALIFICATIONS:

University of Namibia:	2021 – 2022	MSc Biodiversity Management & Research
University of Namibia:	2015 – 2020	BSc Environmental Biology (Hon)

PROFILE:

Kelly is a recent Master's graduate from the University of Namibia. Her studies focused on monitoring and assessing the biodiversity of ecosystems, restoring disturbed areas and field work in rural communities aimed at improving the livelihoods of those communities. In her short time at ECC she has learned about ESIA, monitoring and amendment processes and continues to grow as an environmental practitioner.

KEY AREAS OF EXPERTISE:

Tenement Management	-	Coordinating and managing tenement-related activities, including tenure applications, renewals, and compliance reporting. Using environmental and tenement software tools (PX4)
Environmental (and social) Impact Assessments (EIAs)	-	Conducting and managing various small to large scale EIAs Compiling EIA Reports and EMPs Coordinate and review specialist studies Review EIA reports
Environmental Management Plans	-	Assisting in the development and implementation of environmental management plans and programs
Project Management		Planning, execution and overseeing projects to ensure specific goals are



LANGUAGES:

	Read	Write	Speak
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Good	Excellent



SUMMARY OF EXPERIENCE AND CAPABILITY:

In 2020, Kelly started working at UNAM as a part time laboratory and student assistant to guide science students with laboratory equipment and practical sessions, evaluation of student reports and tests, assist with tests and practical instructions. In 2021 she was awarded a DAAD scholarship to further her studies and obtain her master's degree. In 2022 Kelly joined the RGNO course and gained experience in oceanography studies focusing on a broad range of research projects along other scientists from other parts of the world. In 2023 Kelly joined ECC where she has been involved in environmental and social impact assessments, scoping, amendment and compliance reporting as well as Tenement Management.

PROJECT EXPERIENCE

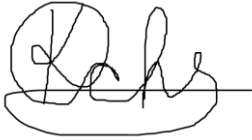
PROJECT	DATE	ROLE
BSc (Hon) research project – “The effects of Ocean Acidification on Calcifiers from the Intertidal Zone off the Namibian Coast”	2019	Head researcher
MSc thesis – “Human Impacts on the Biodiversity of Macroinvertebrates in Intertidal Rocky Shores along the Namibian Coast.	2022	Head researcher
Participated in Regional Graduate Network in Oceanography	2022	Graduate researcher
ECC, on behalf of Mertens Mining and Trading (Pty) Ltd, applied for the amendment of the environmental clearance certificate (ECC 01697) to include the addition of mining claims 68853 and 68854 with the existing mining claims 68855 – 68861 and 67633 as part of EPL 7699 in Khomas and Hardap region, Namibia.	2023	Practitioner managing the Amendment process (including Amendment application, report and updated EMP).
The proposed construction of a base transceiver station (BTS) and the associated infrastructure for Paratus Telecommunication (Pty) Ltd on a portion		Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)

of land (Erf 2747), ext. 11 in Henties Bay, Erongo Region, Namibia		Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
The proposed 66KV overhead powerline for the Twin Hills Gold Project, within the Erongo Region, Namibia		
PyroNam Biochar Group Scheme Management		Assisted in the conducting FMP reports for the PyroNam Group Scheme.
Environmental clearance certificate renewal application for InnoSun Energy Holding (Pty) Ltd for 5MW AC farms at Osona, Ombepo and Outapi and 10 MW wind farm near Ludertiz	2023-2024	Project manager and author of compliance reports for renewal applications
Undertake an ESIA and an Environmental Management Plan (EMP) for the mining activities on Mining Licence (ML) 129 and 133, held by Andrada Mining		Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
The proposed construction of five concrete transformer platforms and the upgrade of an existing wash and service bay at Brakwater, Khomas region, Namibia, on behalf of Burmeister & Partners, for NamPower		Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and report review)
The proposed green ammonia terminal, ammonia pipeline and hydrogen pipeline project, Erongo Region, Namibia, on behalf of Cleanergy Solutions Namibia (Pty) Ltd		Environmental Assessment Practitioner and Project Manager of the EIA process (including stakeholder engagement and PPP and report review)
Dundee Smelter Due Diligence Report on behalf of Sinomine Resource Group co., Ltd.		Author as part of a team to conduct a due diligence assessment including in depth research and risk assessment
Environmental clearance certificate renewal application for B2Gold agriculture Project, InnoSun #Oab Project and Retort Charcoal bush thinning + production and various other projects	2025	Project manager and author of compliance reports for renewal applications
Tenement Management of various Mining companies including Noronex Exploration and Mining and Andradra Mining		Tenement Management on PX4 system and preparing the necessary documents
Small-scale mining and silica Project		Environmental Assessment Practitioner and Project Manager of the EIA process (including stakeholder engagement and PPP and report review)

CERTIFICATION:

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

DATE: 08/04/2024

A handwritten signature in black ink, appearing to read 'Kelly Ochs', written over a horizontal line.

Kelly Ochs

STEPHAN BEZUIDENHOUT

Name of Consultant: Stephan Bezuidenhout

Position / Profession: Managing Member & Senior Environmental Practitioner

Date of Birth: 11 April 1989

Nationality: Namibian

Email: stephan@eccenvironmental.com

Website: www.eccenvironmental.com

Contact: +264 81 262 7872



TERTIARY EDUCATION:

University of Pretoria: **2011 – 2012** Postgraduate Degree in Environmental Management and Analysis

University of Stellenbosch: **2007-2010** Bachelor's in Development and Environment

Professional Associations:

- Environmental Assessment Professional Association of Namibia (EAPAN) – Member 2021 - Current
- FSC Environmental Chamber (FSC) – Member 2021 - Current
- Namibia Chamber of Environment (NCE) – Executive Committee 2021 - Current
- Charcoal Association of Namibia (CAoN) – Board Member 2021 - Current
- Namibia Biomass Industry Group (N – BIG) – Member 2021 - Current

PROFILE:

Environmental Assessment Practitioner and Consultant with 12 years of practical experience in ecology, conservation, rangeland management, and environmental impact assessments. Skilled in identifying and applying legislative requirements to proposed projects, as well as assessing impacts and developing mitigation strategies across various sectors, including mining, energy, agriculture, and construction.

KEY AREAS OF EXPERTISE:

Environmental Management & Compliance	-	Environmental and Social Impact Assessments (ESIAs) & Environmental Impact Assessments (EIAs) Compiling EIA Reports and Environmental Management Plans (EMPs) Coordinating and reviewing specialist studies Reviewing EIA reports for regulatory compliance
Agriculture, Ecology & Rangeland Mngement	-	Aftercare, rehabilitation & restoration methodology & implementation Forest

		Stewardship Council (FSC) implementation and compliance
Project Management	-	Leading and managing teams across Southern Africa for diverse environmental projects



LANGUAGES:

	Read	Write	Speak
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Excellent	Excellent



SUMMARY OF EXPERIENCE AND CAPABILITY:

As Managing Director, I lead a dynamic team of environmental practitioners and graduates to enhance national environmental compliance by developing local capacity. Since 2010, I have been working as an Environmental Assessment Practitioner, building a strong ecological foundation and gaining over a decade of experience in the environmental industry.

With a proven track record, I have successfully completed over 100 projects across diverse industries, including mining, energy, infrastructure, conservation, rangeland management, and tourism. As a lead practitioner, I have driven environmental and compliance assessments across Southern Africa, applying a hands-on and practical approach. My in-depth knowledge of international standards, including FSC, IFC, and World Bank guidelines, enables me to provide constructive and effective guidance to clients and project teams, ensuring compliance while achieving business objectives.

PROJECT EXPERIENCE

PROJECT	DATE	ROLE
Department of Water Engineering (working on a catchment management project for the Municipality of Stellenbosch)	2011 - 2012	Intern at Aurecon South Africa
375 km 26-inch natural gas installation for SASOL & ROMPCO Mozambique representing Worley Parsons (Pty) LTD. South Africa	2013 - 2015	Environmental Coordinator and Manager
Soil Remediation and Commissioning report of NGALA Camp for Isondlo Project Support (IPS) (Pty) Ltd Gauteng, South Africa	2015	Lead consultant and project manager
Abengoa Solar SA, Xina Solar One 200 MW CSP Trough Northern Cape, South Africa	2015 - 2017	Environmental Control Officer during construction phase
Abengoa Solar SA Paulputs CSP (Pty) Ltd. 150 MW CSP Trough Northern Cape, South Africa	2015 - 2017	Environmental Assessment Practitioner during EIA Process
Konkoonsies II PV Solar Energy Facility, On-site substation and a 132kV power line Northern Cape, South Africa	2015 - 2017	Environmental Assessment Practitioner during EIA process
Abengoa Solar SA, Kaxu Solar One 100MW Concentrating Solar Plants (CSP) Trough	2015 - 2017	Environmental Control Officer during commissioning and rehabilitation phases
Jumbo Charcoal FSC Group Scheme Management	2015 - Present	Team leader
Kunene Regional Counsel sustainable water supply Pipeline and Ancillary works	2017 - 2018	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review).

ESIA application for B2Gold Namibia 10.8 megawatt PV solar upgrade to the B2Gold Power Plant	2017 - 2018	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review).
Best Practice Guide: Environmental Principles for Mining in Namibia	2017 - 2019	Team member
EIA application for various exploration activities for Votorantim Metals Namibia Pty Ltd	2018 - Present	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review).
The FSC National Forest Stewardship Standard of Namibia	2018-2020	Part of the working group who compiled the National Standard for Forest Stewardship Council (FSC) in Namibia allowing for a higher rate of certification and improved compliance
ESIA application for Otjiwarongo Wastewater Treatment and Bulk Water Supply	2019	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review).
ESIA for the Wastewater Treatment facilities for Gondwanan Collection	2019	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review).
MAWF permit application for Water Abstraction and Discharge for Gondwanan Collection	2019	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review)
Development of the Erongo Rocks Adventure Lodge in the Erongo Region, Nakambale Adventure Lodge in the Oshana Region and Okavango River Adventure lodge in the Kavango Region, Namibia.	2019	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review)
Proposed Otjikoto agricultural project, Otjozondjupa Region, Namibia	2020-2021	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review)
Construction of Paratus Telecommunication (Pty) Ltd base transceiver station and associated infrastructure in Swakopmund	2020-2021	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review)
A pilot sustainable water supply project by means of desalination, powered by solar to supplement water supply for Walvis Bay, Namibia	2020-2021	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review)
A charcoal & briquette processing and packaging facility in Otjiwarongo, Otjozondjupa Region, Namibia	2020-2021	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review)
Proposed Mechanized Bush Thinning Operations	2020-2021	Lead Environmental Assessment

and Construction of a Biomass Processing (Charcoal Burning Retort System), Storage and Packaging Plant on Farm Gai Kaisa No. 159, Otjozondjupa Region, Namibia		Practitioner managing the EIA process (including stakeholder engagement, PPP and report review)
Charcoal and briquette processing, packaging, and storage facility in outjo	2021-2022	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement, PPP and report review)
Engaged by Afritin Mining Namibia (Pty) Ltd to undertake the ESIA and Environmental Management Plan (EMP)	2021-2022	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Application for an Environmental Clearance Certificate for Twin Hills Gold Project	2021-2022	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Undertake an ESIA and an Environmental Management Plan (EMP) for the stage 2 expansion of the pilot tin processing plant on Mining Licence (ML) 134, held by Uis Tin Mining Company	2022-2023	Lead Environmental Assessment Practitioner managing the EIA process (including stakeholder engagement and PPP and report review)
Conduct an ESIA and EMP for the development of a graphite processing facility on Mining Licence (ML) 202, Namibia	2022-2023	Lead Environmental Assessment Practitioner overseeing the EIA process, stakeholder engagement, public participation, and report compilation to ensure regulatory compliance and sustainable project implementation.
Environmental and Social Impact Assessment (ESIA) and EMP for a large-scale solar farm (100MW) in Botswana	2023-2024	Lead EIA Practitioner managing environmental baseline studies, impact assessments, and mitigation planning, ensuring compliance with national and international standards such as IFC Performance Standards.
Environmental Compliance Audit and EMP update for a manganese mine expansion in Northern Cape, South Africa	2023-2024	Lead Auditor conducting site inspections, regulatory compliance reviews, and EMP revisions to align with evolving operational and environmental requirements.
Rangeland Management Plan and Environmental Impact Study for a large-scale livestock farming project in Zambia	2023-2024	Lead Environmental Consultant evaluating land use impacts, developing sustainable grazing strategies, and ensuring alignment with national agricultural policies and FSC requirements.
ESIA and Biodiversity Action Plan for a new offshore gas exploration project off the coast of Mozambique	2024-2025	Lead Environmental Practitioner responsible for marine ecosystem assessments, stakeholder engagement with fishing communities, and mitigation planning

PUBLICATIONS

N.S., et al., Some ecological side-effects of chemical and physical bush clearing in a southern African rangeland ecosystem, Southern African Journal of Botany (2015),
<http://dx.doi.org/10.1016/j.sajb.2015.07.012>

The FSC National Forest Stewardship Standard of Namibia (Draft V 4). Co-authored by S Bezuidenhout, P Cunningham, A Ashby, F Detering, W Enslin & D Honsbein

CERTIFICATION

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

DATE: 19/02/2025



FULL NAME OF CONSULTANT

JACOBUS STEPHAN BEZUIDENHOUT



University of Pretoria

The Council and Senate hereby declare that
at a congregation of the University the degree

Bachelor of Social Sciences Honours in Environmental Analysis and Management

with all the associated rights and privileges
was conferred on

Jacobus Stephanus Bezuidenhout

in terms of the Higher Education Act, 1997 and the Statute of the University

On behalf of the Council and Senate

On behalf of the Faculty of
Humanities

C. de la Rey

N. Duncan

Vice-Chancellor and Principal

Dean

CERTIFIED A TRUE PHOTOCOPY
OF THE ORIGINAL DOCUMENT

LINDA ERASMUS
COMMISSIONER OF OATHS
PRACTISING ATTORNEY

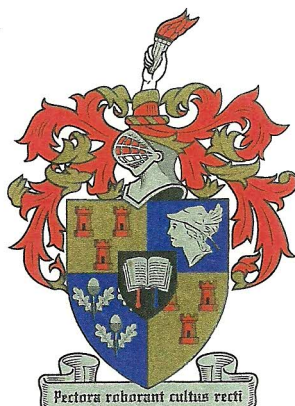
LINDA ERASMUS
COMMISSIONER OF OATHS
PRACTISING ATTORNEY
362 SAM NUJOMA DRIVE
KLEIN WINDHOEK
244570

A. J. M.

Registrar



2013-04-19



UNIVERSITY OF STELLENBOSCH

This is to certify that whereas

JACOBUS STEPHANUS BEZUIDENHOUT

*had complied with all the conditions prescribed
in the Act, Statute and Rules of the University,
the three-year degree*

BACHELOR OF ARTS
(BA)
(Development and Environment)

*with all the rights and privileges pertaining thereto was conferred on
him at a congregation of the University in December 2011.*

CERTIFIED A TRUE PHOTOCOPY
OF THE ORIGINAL DOCUMENT

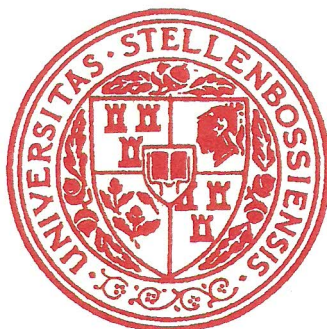
BAREND JOHANNES VILJOEN

Commissioner of Oaths
Legal Practitioner
1st Floor, Hidas Centre
Nelson Mandela Avenue
Klein Windhoek
Tel: 061-300 324

H. Russel Potman
RECTOR AND VICE CHANCELLOR

[Signature]

DEAN



[Signature]
REGISTRAR

2 December 2011

EAPAN



ENVIRONMENTAL ASSESSMENT PROFESSIONALS OF NAMIBIA

PROFESSIONAL MEMBERSHIP 2025

This is to certify that

Jacobus Stephan Bezuidenhout

*Is a registered member of EAPAN under the following
membership category*

“LEAD PRACTITIONER”

President

Secretary

Membership No: 92

Valid from 01 January 2025 to 31 December 2025

Training Certificate

presented to

Stephan Bezuidenhout

for the successful completion of the calibration training course on

FSC Forest Stewardship Standard for Namibia

delivered by *FSC International*

on the 10 -12 February 2020



Manushka Moodley
FSC Southern Africa

