



JOLANDA KAMBURONA

ENVIRONMENTAL SCIENTIST

SKILLS

- Environmental Management
- Environmental Pollution Control
- Water Quality Assessment
- Water Resource Management
- Environmental and Social Screenings
- Environmental and Social Impact Assessment and Management Plans
- Climate Change
- Geographic Information Systems
- Environmental and Social Legal Compliance Management
- Project Management
- Procurement
- Team Work
- Time Management
- Focused and always willing to learn
- Pollution management of water resources
- Waste Management
- Business Administration
- Business Research
- Strategic Project Management
- Value Based Management
- Strategic Financial Management

EXPERIENCE

ACTING MANAGER (ENVIRONMENTAL SERVICE) • NAMWATER • MARCH 2023 – PRESENT

- In conjunction with the Environmentalist, manage limnological research to ensure cost effectiveness.
- Manage limnological research to improve water quality in dams to support supply security.
- Budgeting and ensuring adherence to the budget.
- Performance Management.
- Supervision of Environmental Services Personnel.
- Sound environmental management by advise on best environmental management practices for NamWater.
- Managing and supervision (review and edit reports) of Environmental Consultants contracted by NamWater for ESIA projects for NamWater construction projects, to ensure timely completion of the ESIA studies:
 - NamWater Desalination Project ESIA
 - Development of Subsidiary Management Plans for the African Development Bank Funded Projects:
 - o Ohangwena Well Field Development
 - o Oshakati Treatment Plant (Consultant Supervision only)
 - o Rundu Purification Plant
- Ensure adherence to the EMPs for all NamWater projects.
- Manage pollution incidence, liase and report to the Department of Water Affairs (DWA), respective business units and relevant stakeholders.
- Adaptation to Climate Change:
 - Moderator at Namibian Pavillion at COP27- Climate Change and Water Resources Security: November 2022
 - Committee Member on the National Climate Change and Water Security Workshop: October 2023



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ENVIRONMENTAL SCIENTIST

- Panel discussion at COP28: Leveraging resources to unlock opportunities in the food, water and agri sectors for future and present generations: December 2023

ACTING SENIOR SCIENTIST • NAMWATER • OCTOBER 2022 –FEBRUARY 2023

- Ensure the cost effective supply of best quality water levels within the NamWater source dams.
- Budgeting and ensuring adherence to the budget.
- Performance Management.
- Supervision of Environmental Services Personnel.
- Advise on best environmental management practices for NamWater
- Managing and supervision (review and edit reports) of Environmental Consultants contracted by NamWater for ESIA projects for all NamWater construction projects, to ensure timely completion of the ESIA studies:
 - Ohangwena Well Field Development
 - Oshakati Treatment Plant (Consultant Supervision only)
 - Rundu Purification Plant
- Ensure adherence to the ESMPs for all NamWater projects.

ENVIRONMENTAL SCIENTIST • NAMWATER • JANUARY 2011 – SEPTEMBER 2022

Managing NamWaters Environmental Systems and ensuring that NamWater's activities have minimal impact on the environment, which include the following:

- Managing and supervision (review, commenting and editing of reports) of Environmental Consultants contracted by NamWater for EIA projects for all NamWater construction projects:
 - Aussenkehr Bulk Water Supply ESIA
 - Abenab External Reviewer



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ENVIRONMENTAL SCIENTIST

- Bethanie Desalination and Renewable Energy Project ESIA
- Divundu Water Supply ESIA
- Eenhana Reservoir and Sludge Disposal
- Electrification of the Eastern National Water Carrier ESIA
- Grunau Desalination and Renewable Energy Project ESIA
- Henties Bay Ground Reservoir & Pipeline Replacement
- Kalkfeld Pipeline Replacement
- Ogongo-Oshakati Canal Refurbishment
- Ogongo-Oshakati Oshikuku Canal Upgrade
- Omdel Swakopmund Pipeline Replacement
- Omdel Wlotskasbaken Pipeline Replacement ESIA
- Otjimbingwe Bulk Water
- Outapi Treatment Plant Upgrade
- Mile 7 Water Supply
- Drafted and submitted 116 Environmental Management Plans (EMPs) for all NamWater Water Supply Schemes to the Ministry of Environmental, Forestry and Tourism for Environmental Clearance Certificates (ECCs). All NamWater Water Supply Schemes have received ECCs.
- Conduct compliance audits for NamWater water supply schemes and subsequently compile ESMP compliance reports for submission to MEFT with ECC renewals;
 - Ai-Ais
 - Ariamsvlei
 - Aroab
 - Aus
 - Berseba
 - Bethanie
 - Daan Viljoen
 - Driehuk
 - Friedenau Gabis
 - Gainachas
 - Grunau



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- Hochfeld
- Karasburg
- Keetmanshoop-Naute
- Koes
- Kosis
- Okondjatu
- Osire
- Omatako Dam
- Ovitoto
- Luderitz
- Noordoewer
- Rehoboth
- Rosh Pinah
- Tses
- Von Bach
- Warmbad
- Conduct compliance audits for NamWater construction projects, and subsequently the compile ESMP compliance reports and update project ESMPs for renewals:
 - Aussenkehr Bulk Water Supply ESIA
 - Bethanie Desalination and Renewable Energy Project ESIA
 - Grunau Desalination and Renewable Energy Project ESIA
 - Kalkfeld Pipeline Replacement
 - Omdel Swakopmund Pipeline Replacement
 - Otjimbingwe Bulk Water
 - Mile 7 Water Supply
 - Rundu Purification Plant
- Review external ESIA, providing comments with the aim of protecting NamWater's Interests.
- Supervision of junior staff
- Compilation of Terms of References for ESIA Consultants:
 - Aussenkehr Bulk Water Supply ESIA
 - Abenab External Reviewer



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- Omdel Wlotskasbaken Pipeline Replacement ESIA
- Otjimbingwe Bulk Water
- Outapi Treatment Plant Upgrade
- Mile 7 Water Supply
- NamWater Desalination Project ESIA
- Procurement Process- Technical and Financial BID Evaluation:
 - Aussenkehr Bulk Water Supply ESIA
 - Abenab External Reviewer
 - Bethanie Desalination and Renewable Energy Project ESIA
 - Divundu Water Supply ESIA
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 - Electrification of the Eastern National Water Carrier ESIA
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ENVIRONMENTAL SCIENTIST

- Adaptation to Climate Change:
 - Bethanie Desalination and Renewable Energy Project ESIA
 - Grunau Desalination and Renewable Energy Project ESIA

JOB ATTACHMENT • SAM NUJOMA MARINE AQUACULTURE RESEARCH CENTRE • 1 JANUARY 2008 – 31 JANUARY 2008

- Monitoring the aquarium water quality parameters and taking water samples for analysis.
- Monitoring sea weeds (*Laminaria pallida*) that were harvested as an experiment on the Henties Bay's shore

JOB ATTACHMENT • MINISTRY OF FISHERIES AND MARINE RESOURCES • 1 JANUARY 2007 – 31 JANUARY 2007

- Statistical Analysis of fisheries data

TRAINING, WORKSHOP AND CONFERENCES

1. Climate Change Capacity Building Workshop (2012) - Council for Scientific and Industrial Research of South Africa
2. Atomic Energy and Radiation Protection Act Workshop (2012)- Ministry of Mines and Energy
3. Regional Workshop on Legislation and Chemicals Management for the English-Speaking African Countries Served by the African Institute (2012) - African Institute
4. Introduction to the Namib Ecology for Mine Managers (2013) - Uranium Institute of Namibia
5. NDP 4 Strategic Environmental Assessment (SEA) Workshop (2013) - Southern African Institute for Environmental Assessment
6. Collaborative Management (Module 1 & 2) (2014) - Stockholm International Water Institute (SIWI) In Collaboration with NamWater
7. Desalination with Solar Energy (2019) - European Desalination Society, Spain



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8. **Project Management-Intermediate Level** (2019) - Namibia University of Science and Technology
9. **Seminar on Water Resources Development and Utilization for Namibia** (2019) - The Chinese National Research Institute for Rural Electrification (NRIRE), China
10. Moderator for the **Panel Discussion on Climate Change and Water Security** at United Nations Climate Change Conference-COP27 (2022)
11. **Climate Change Vulnerability and Adaptation Assessment Training** (2023) - Ministry of Environment, Forestry, and Tourism
12. **United Nations Climate Change Conference-COP28** (2023)

EDUCATION

Bachelor of Science Degree in Natural Resources (2008) - University of Namibia

Bachelor of Science Honours in Environmental and Water Science (2010) - University of the Western Cape

Master of Environmental Management (2017) - University of the Free State

Master of Business Administration (2023) - University of South Africa

PUBLICATION (CO-AUTHOR)



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Effects of harvesting of the Namibian Kelp (*Laminaria pallida*) on the re-growth rate and recruitment. African Journal of Food, Agriculture, Nutrition and Development. ISSN: 1684-5358 EISSN: 1684-5374. Vol. 10, num. 5, 2010, pp. 2542-2555

REFERENCES

Mrs. Penahafo Ndakalako

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NdakalakoP@namwater.com.na

Mr. Gift Kamupingene

Operations Executive: GIG Agri-Advice
and Supply

Cell: +264 81 207 7007

Gift.Kamupingene@fao.org

Mr. NP du Plessis

Senior Scientist: Environmental (Retired):
NamWater

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