



GreenTechs
Institute of Environment

GREENTECHS INSTITUTE OF ENVIRONMENT LTD

**Innovative Solutions for a Sustainable
Environment**

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2025 COMPANY PROFILE

*Greetings!
We are happy
to meet you*



**WELCOME TO GREENTECHS INSTITUTE OF
ENVIRONMENT**

ABOUT US

Greentechs Institute of Environment is a leading environmental consulting firm established in 2005. We specialize in delivering sustainable solutions for environmental challenges, covering a diverse range of services such as Environmental Assessments, Blue Economy analysis, Biodiversity Conservation, and Disaster Risk Reduction. With a geographical focus on Africa, our work spans the East African Community, IGAD member states, and Small Island Developing States (SIDS).

Our partnerships hinge on offering logistical services to human settlements, institutions (Corporates) and professional support.



OUR VISION



A society that prioritizes environmental security and responsibility through cutting-edge knowledge base innovation, research, strategic planning and environmental leadership.

OUR MISSION



Empowerment for practical environmental knowledge, capacity-building strategies and plans that address land degradation and disaster vulnerability while fostering sustainable development.

OUR CORE VALUES



- ✓ Sustainability
- ✓ Innovation
- ✓ Integrity
- ✓ Collaboration
- ✓ Excellence
- ✓ Client-Centric Approach
- ✓ Continuous Improvement

CLIENT BASE

We have worked with International Organizations and Development Agencies, Regional and National Bodies, Non-Governmental Organizations (NGOs). and Regional and National Bodies .

1. Conducted blue economy assessments with IGAD.
2. Developed landscape restoration plans for WWF Germany.
3. Implemented feasibility studies for Caritas Meru and WWF Kenya.
4. Conducted strategic environmental assessments for UNDP.
5. EIAs for Government of Kenya Institutions
6. Energy audit for east africa
7. EIAs for hotels and lodges



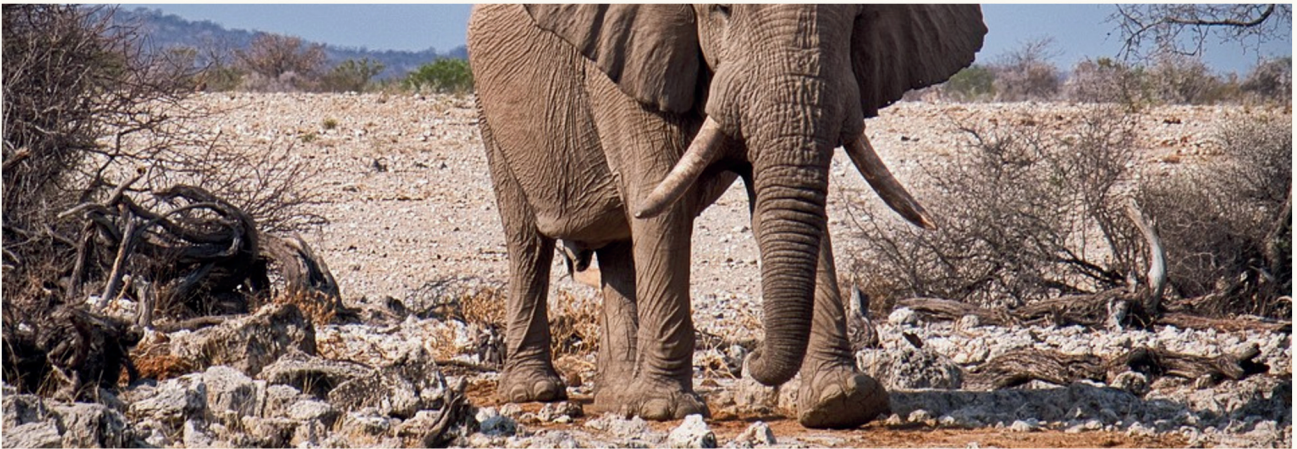
GREENTECHS INSTITUTE OF ENVIRONMENT KEY FLAGSHIP PROJECTS BELOW

1. Assessment of the Blue Economy (BE) Contribution in IGAD Member States
2. National Landscape and Ecosystem Restoration Strategy for Kenya
3. Water Quantity and Quality Baseline Study for Kimana and Nolturesh River Systems
4. Nyeri County Climate Change Policy Framework
5. Regional Wildlife Partnerships Coordination in the Tsavo Landscape
6. WWF Feasibility Study for a BMZ-BENGO Project Proposal

OUR SERVICES

1. Biodiversity Conservation and Landscape Restoration
2. Stakeholder Consultations and Capacity Building
3. Blue economy assessment and development.
4. Environmental and Strategic Assessments
5. Environmental and Social impact assessment
6. Environmental and Strategic Assessments
7. Baseline Surveys and Feasibility Studies
8. Disaster Risk Reduction Strategies
9. Monitoring and Evaluation
10. End of project evaluation

BIODIVERSITY CONSERVATION AND LANDSCAPE RESTORATION



Description

We specialize in designing and implementing strategies for restoring degraded landscapes and conserving biodiversity.

Our approach integrates ecological principles with community involvement to achieve sustainable environmental outcomes.

Projects

- Developed the National Landscape Restoration Strategy for Kenya (2023-2024) to guide national efforts in restoring various ecosystems.
- Designed the Loitokitok Geoscope Restoration Plan under the AREECA Project, focusing on restoring 25,000 hectares in Kajiado South.
- Created a biodiversity management proposal for the IGAD region, targeting cross-border ecosystems for enhanced conservation efforts.

STAKEHOLDER CONSULTATIONS AND CAPACITY BUILDING



Description

We facilitate stakeholder engagement and build the capacity of communities, institutions, and policymakers to enhance their understanding and participation in sustainable environmental management.

Projects

- Coordinated the Regional Wildlife Partnerships in the Tsavo landscape to manage human-wildlife conflicts and build conservation capacity.
- Conducted stakeholder engagement and capacity assessment for the BMZ-BENGO Project Proposal in Kenya and Tanzania.
- Trained community groups on natural resource management under the Danish Refugee Council and WWF-K projects.

BLUE ECONOMY ASSESSMENT AND DEVELOPMENT.



Description

Our team assesses the contribution of blue economy resources, focusing on freshwater and marine ecosystems, their socio-economic impact, and policy development to enhance sustainable economic growth.

Projects

- Conducted the Blue Economy Assessment for IGAD member states, covering Kenya, Uganda, Ethiopia, Sudan, South Sudan, and Djibouti.
- Assessed the socio-economic contributions of mangrove ecosystems to local livelihoods and global trade.

ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT



Description

We provide comprehensive environmental and social impact assessments to identify, predict, and mitigate potential negative impacts of projects, ensuring compliance with regulatory frameworks.

Projects

- Conducted a Strategic Environmental and Social Assessment (SESA) for Kenya's mining sector, identifying gaps and recommending policy improvements.
- Completed environmental impact assessments for various infrastructure projects, including wind and solar power plants.

ECONOMIC VALUATION OF ECOSYSTEM SERVICES



Description

We evaluate the economic benefits of ecosystems, providing insights into their value (ecosystem services) for informed conservation planning, nature utilization and policy formulation.

Projects

- Conducted economic valuation studies for South Ewaso Ngiro River focusing on ecosystem service contributions to local economies.
- Developed ecosystem service valuation reports to support sustainable decision-making for conservation of bio diversity and investment frameworks.

ENVIRONMENTAL AND STRATEGIC ASSESSMENTS



Description

We conduct Strategic Environmental Assessments (SEA/ SESA) to evaluate compliance with policy frameworks, plans, and programs to ensure environmental sustainability and inclusion of local development aspirations and goals.

Projects

Conducted environmental assessments for major projects in collaboration with UNDP and various wildlife conservation communities and institutions.

BASELINE SURVEYS AND FEASIBILITY STUDIES



Description

We conduct thorough baseline surveys and feasibility studies to inform project design and decision-making processes, ensuring successful project implementation.

Projects

- Undertook baseline surveys for WWF-K and WWF Germany for various conservation initiatives.
- Conducted feasibility studies for the BMZ-BENGO Project Proposal, gathering critical data for project implementation.

DISASTER RISK REDUCTION STRATEGIES



Description

We design disaster risk reduction strategies to enhance community resilience against environmental hazards such as climate change-induced disasters.

Projects

- Developed disaster risk reduction strategies under the Natural Resource Management Program at Pact Kenya.
- Formulated climate change policy frameworks for Nyeri County to address emission reductions and climate adaptation.

MONITORING AND EVALUATION



Description

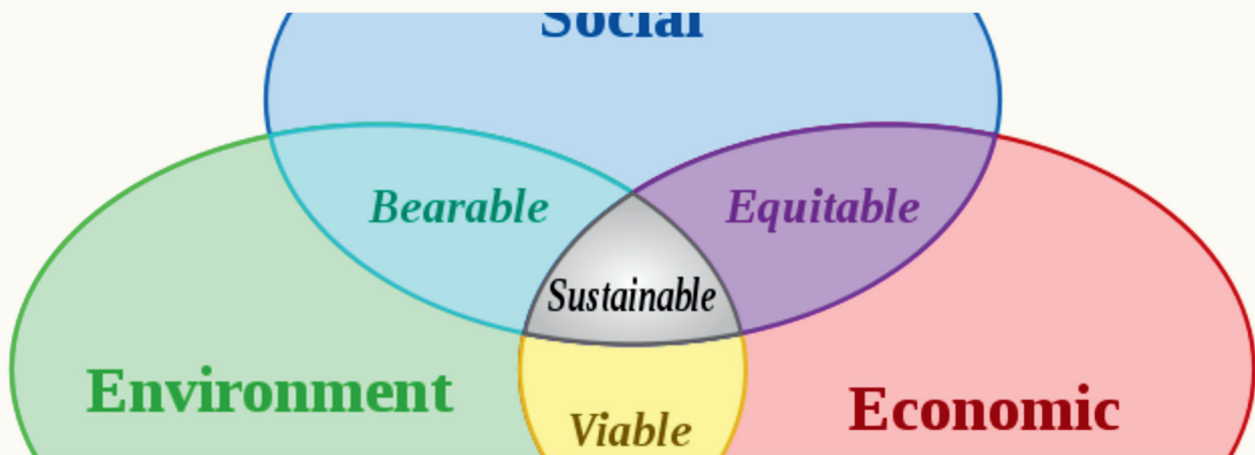
We offer robust monitoring and evaluation frameworks to track project progress, assess impact, and provide insights for project improvement and sustainability.

Projects

Participated in the evaluation of Lewa Wildlife Conservancy development Program funded by USAID/Kenya.

Conducted monitoring and evaluation for Lake Victoria Catchment Environmental Education Program (LVCEEP).

END OF PROJECT EVALUATION



Description

We conduct end-of-project evaluations to assess project achievements, lessons learned, and recommendations for future initiatives.

Projects

- Completed end-of-project evaluations for MSI, focusing on environmental initiatives and development programs.
- Assessed ecosystem-based adaptation projects in Tharaka Nithi County, providing actionable recommendations for stakeholders.

KEY PROJECTS



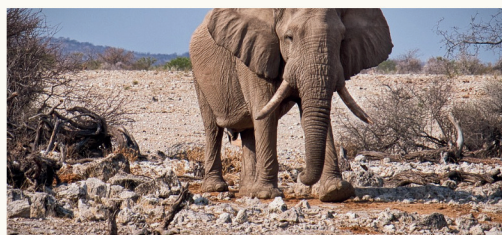
Assessment of the Blue Economy (BE) Contribution in IGAD Member States



Nyeri County Climate Change Policy Framework



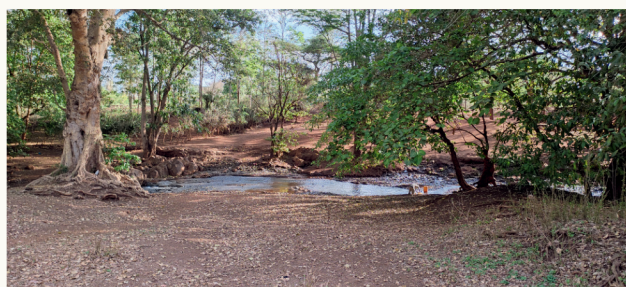
National Landscape and Ecosystem Restoration Strategy for Kenya



Regional Wildlife Partnerships Coordination in the Tsavo Landscape



Water Quantity and Quality Baseline Study for Kimana and Nolturesh River Systems



WWF Feasibility Study for a BMZ-BENGO Project Proposal

OUR APPROACH



We employ a strategic and holistic approach to solving environmental challenges, using advanced analytics, policy frameworks, and industry best practices. Our goal is to ensure efficiency, sustainability, and measurable impact. By leveraging technology and scientific methodologies, we provide innovative, long-lasting solutions for a better planet.

Why Choose Us?

- ✓ Expertise in environmental and sustainability consulting
- ✓ Data-driven, technology-based solutions
- ✓ A track record of successful projects
- ✓ Compliance with international standards
- ✓ A passionate and experienced team
- ✓ Tailored solutions for diverse industries

OUR PROFESSIONAL TEAM



JAMES NDUNGU

Team Leader

James holds a Master's degree in Environmental Planning and Management (2006) and a Bachelor of Science degree in Botany and Zoology (1986), specializing in Aquatic and Terrestrial Ecology, both from the University of Nairobi, Kenya. He has a broad professional background, having worked with organizations such as the Kenya Wildlife Service (KWS), African Conservation Center (ACC), Pact Kenya (NGO), and Habitat Planners, among others.

James brings extensive expertise in natural resource management, nature-based enterprise development, ecosystem service valuation, wildlife conservation planning, stakeholder engagement, and workshop facilitation. Additionally, he has contributed to biodiversity projects with the IGAD/EU in the Horn of Africa, based in their Djibouti office.



Sarah Murithi

Environmental Specialist

Sarah Muriithi is an environmental specialist with a Master's degree in Environmental Studies and Community Development (2023) and a Bachelor of Science in Wildlife Management from Moi University (2005). She brings extensive expertise in community development, natural resource management, and climate change. Previously, she served as the Director of the Institute for Culture and Ecology, where she led strategic plan implementation, resource mobilization, and program management. Her skill set includes monitoring and evaluation, project management, community mobilization, advocacy, research, and technical report writing.



Anthony Ndubi

GIS and Remote Sensing Expert

Anthony is a skilled GIS professional with a Diploma in Cartography from The Kenya Polytechnic. With over 15 years of experience in Remote Sensing, GIS, and Data Analysis, he has established himself as an expert in environmental monitoring and resource management. Anthony has been involved in major projects with renowned organizations such as FAO, RCMRD, WWF Kenya, and WWF Germany, focusing on satellite image analysis, land cover mapping, and geospatial technology training. His work has played a critical role in shaping policies and decision-making in areas like food security, natural resource management, and disaster risk assessment. Anthony also holds a Master's degree in Environmental Planning and Management, as well as a Bachelor's degree in Geography, both from the University of Nairobi.



John Muchau

Environmental Engineer

John is an environmental engineer with a Bachelor's degree in Soil, Water, and Environmental Engineering from Jomo Kenyatta University of Agriculture and Technology. He has extensive experience in field operations, having served as a field operations manager for a smart irrigation project. Additionally, he has been involved in agronomy research and the design of irrigation systems.

John's expertise includes interpreting construction drawings, conducting material tests, and preparing detailed project reports. From 2015 to 2024, he worked as a site engineer supervisor on various water, sewerage, and construction projects. His portfolio includes overseeing the development of water pans, earth dams, and conducting water quality and quantity assessments for rivers.



Wendy Philista

Consultant Assistant

Wendy brings over five years of experience in customer service and team leadership. She is skilled in data entry, communication, and problem-solving, with a strong focus on travel and field logistics. Wendy excels in compiling and entering field data, scheduling meetings, following up on tasks, and document formatting. Currently, she works as a consultant assistant at Greentechs Institute of Environment. Wendy holds a Certificate in Business Administration from Jomo Kenyatta University of Agriculture and Technology.



*"We pride ourselves
in blending experience
with dynamism,
innovativeness and
technology."*

GET IN TOUCH

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