



BIOME CONSERVE INITIATIVE

Delta State, Nigeria

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Organizational Profile

Biome Conserve Initiative is a registered non-profit environmental organization based in Delta State, Nigeria, dedicated to ecosystem restoration, biodiversity conservation, and community-centered environmental sustainability. The organization was established in 2021 following an undergraduate research project focused on assessing the aquatic ecology of the Warri River, particularly the Ubeji Axis, an area increasingly affected by pollution, habitat degradation, and biodiversity decline. What began as a scientific effort to understand the ecological condition of the river evolved into a broader community-driven conservation initiative committed to protecting vulnerable aquatic and terrestrial ecosystems.

Since its establishment, Biome Conserve Initiative has continued to expand its environmental conservation and restoration activities through ecological monitoring, environmental awareness campaigns, stakeholder engagement, and biodiversity-focused initiatives. In 2024, the founder of the organization received funding support to lead a prawn conservation initiative within the region, further strengthening the organization's commitment to indigenous species conservation and sustainable ecosystem management.

Our work focuses on ecosystems threatened by pollution, unsustainable resource use, habitat disturbance, and climate-related environmental pressures. We work closely with local communities, youth groups, stakeholders, and environmental partners to promote practical and sustainable solutions that support ecosystem recovery and community wellbeing.

Biome Conserve Initiative combines community stewardship with science-based environmental approaches to strengthen conservation outcomes and support evidence-informed environmental management. Through ecological monitoring, environmental education, restoration advocacy, sustainable aquaculture concepts, and biodiversity-focused initiatives, we aim to build long-term resilience within riverine and coastal communities.

Mission

To promote the conservation and sustainable management of aquatic and terrestrial ecosystems through community engagement, environmental awareness, biodiversity protection, and sustainable restoration initiatives.

Core Focus Areas

- ❖ Freshwater ecosystem restoration
- ❖ Biodiversity conservation and indigenous species protection
- ❖ Environmental awareness and community education
- ❖ Sustainable aquaculture and livelihood support
- ❖ Pollution monitoring and ecosystem health assessment
- ❖ Youth engagement and environmental stewardship
- ❖ GIS and environmental mapping for conservation planning

Key Activities and Achievements

- ❖ Community-based environmental awareness initiatives
- ❖ Biodiversity and ecosystem monitoring activities
- ❖ Engagement with local stakeholders on environmental sustainability
- ❖ Promotion of indigenous aquatic species conservation
- ❖ Environmental education and youth participation initiatives
- ❖ Support for evidence-informed ecosystem management
- ❖ Development of restoration-focused conservation projects

Restoration Focus

Biome Conserve Initiative is committed to restoring and protecting degraded freshwater and terrestrial ecosystems within vulnerable communities in Nigeria. Our restoration approach emphasizes local participation, ecological sustainability, biodiversity protection, and long-term environmental resilience. We support initiatives that encourage ecosystem recovery while strengthening community awareness, stewardship, and sustainable livelihoods.

Community Engagement

Community participation is central to our work. We actively encourage the involvement of youth, local stakeholders, fishers, schools, and community members in environmental awareness, conservation activities, and restoration-focused initiatives. Through collaboration and capacity building, we aim to promote local ownership of environmental sustainability efforts.

Vision

To build resilient ecosystems and environmentally conscious communities through inclusive, science-supported, and community-led restoration initiatives that contribute to biodiversity conservation and sustainable development.