



CENTRE FOR WATER AND ENVIRONMENT DEVELOPMENT (CWED)



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📘 centre for water and environment development 📺 CWED-Nigeria | @CWED3

...Committed to sustainable water and environmental resources development





ABOUT US

Centre for Water and Environment Development (CWED) was founded in 1998 by an independent research team which was primarily dedicated to Sustainable Water and Environmental Resources Development, with its headquarters in Kaduna State, Nigeria. It is registered as a non-governmental organization with the Corporate Affairs Commission (CAC) in 2008 (under Part C of Allied Matters) with registration number (CAC/IT/NO 26814)

The Centre for Water and Environment Development was established with the conviction that the environment and water resources are essential to human livelihood and sustainable development.

The environment and water resources have a dual relationship. The terrestrial and aquatic life requires good quality water in sufficient quantities for survival and productivity. The environment provides services that maintain water resources in a useable state for all sectors.

However, the continuous degradation of the environment and water resources which is most often associated with the impacts of human activities and other related factors has led to further decline of the living standards of a vast majority of the population especially in the developing world.

OUR MISSION STATEMENT

CWED is committed to sustainable development and the management of water and environmental resources in both rural and urban areas and to improve their effects on the lives of the people through a highly professional team, who are conscious of the need to provide adequate and efficient potable water and safe environment for Nigerians.

AIMS AND OBJECTIVES

To improve the life of the people and aid development by carrying out and supporting projects that abate water and environmental related problems

To offer advisory services to government and other institutions in designing projects and programmes related to water resources and environmental management in Nigeria.

To hold seminars, workshops, symposia, lectures and technical training courses on knowledge sharing and capacity building related to water and environment.

To hold environmental sanitation consciousness programs in both rural and urban areas.

To serve as a research body that conducts research and studies to support the development of water and environmental policies strategies in Nigeria.





OUR PROGRAMMES

WATER SUPPLY AND SANITATION(WSS)

The risk posed by unsafe drinking water and lack of appropriate sanitation practices and facilities amidst other environmental threats to health both to the rural and urban population is an area that requires immediate intervention at all levels.

Environmental sanitation is particularly poor in villages where there are inadequate waste disposal systems or at worst non-existent. The inhabitants of rural areas are inadequately informed of the dangers associated with an ill sanitized environment and are therefore often responsible for the environmental and health risks encountered in these areas. Activities such as locating dump sites, open defecation especially close to natural water sources,

indiscriminant deposition of dairy and poultry sewage sludge are commonly practised. However, urban areas are also often exposed to high levels of environmental risks such as damage to septic tanks and cesspools which often result in infiltration into groundwater. Also, the high level of waste generation in urban areas due to high population often results in waste management problems in the long run. Also, lack of proper recycling strategies and waste management policies in some industries contributes to high level of waste generated in urban areas as their discharge both in naked water bodies and on land proves toxic and in turn has adverse effects both on the environment and its habitants.





CWED aims to improve sustainable access to clean water and adequate sanitation for urban and rural areas; **WE** intend to aid protection of natural water sources through raising awareness about the dangers associated with contaminating water sources. The awareness programmes are also intended to cover the importance of hygiene and sanitation in schools, rural and urban communities and provide support and preventive measures to reduce environmental-related diseases such as waterborne diseases, acute respiratory infections, diarrhea, measles etc. **CWED** also aims at sensitizing policy makers, industries, institutions and other stakeholders as they play a major role in fostering effective

environmental sanitation practices and protection of water sources and distribution systems.

Our Sub programmes Under Water Supply and Sanitation Include:

- Water Sanitation and Hygiene (WASH)*
- School Sanitation and Hygiene (SSHE)*
- Water Resources Protection and Quality Control*
- Waste Water Management*
- Watershed Management*
- Solid Waste Management*
- Environmental Sanitation*





CLIMATE CHANGE AND ENVIRONMENT

The growing effect of climate change and global warming has been a major challenge both to food security and the environment at large. It affects arguably all aspects of human livelihood especially in developing countries. It has been widely established that majority of the ill effect of climate change will be felt mostly on the African continent where majority of the world's poorest people live. People who are already faced with numerous challenges to deal with, such as lack of basic livelihood needs, shortage

of water, lack of adequate hygiene and sanitation facilities, lack of education etc. are now confronted with Climate Change which may exacerbate the already serious conditions of these people.

Our focus at CWED on the climate change campaign is to identify and develop mitigation and adaptation strategies which could be used by the people to enable them cope with the effects of climate change.



Our core areas in climate change adaptation and mitigation at CWED include:

Forest Conservation

Conservation Agriculture

Renewable Energy Development

Clean Development Mechanism

and Carbon Trading

Thus, **CWED** aims to increase the level of awareness about climate change through organizing outreach awareness programmes for local communities, to increase their knowledge about the changing climate and how it could affect their lives. We also aim to bridge all gender gaps and ensuring that women are involved in the understanding of climate change and contributing its mitigation. **CWED** seeks to enlighten people through training on how they must adapt to the extreme conditions that may accompany climate change, adjust their activities which may have been a contribution to climate change such as deforestation, indiscriminate bush burning amongst other activities and also how they can begin to diversify their livelihood to cope with the negative impacts of climate change.





TRAINING AND ADVOCACY (T&A)

To achieve sustainable environmental development and water resources management, there is a pressing need for continuous human development and public enlightenment on the adverse effects of man's action and contribution to his immediate environment. This is aimed at encouraging grass-root participation as all hands must be on deck to promote a sustainable development. The Training and Advocacy programs involve providing workshop and seminars for both rural and urban dwellers. These programs are aimed at helping people take responsibilities for their own immediate environment.

challenges mostly encountered as well as putting available resources to efficient use. Proper environmental policies and strategies are also meant to be proffered to industries to help minimize the amount of industrial waste that sometimes pollutes the environment.

It is also a point of importance to create a sense of responsibility in the mind of the young ones, therefore, **CWED** aims at taking awareness to institutions where the students will be taught about the importance of being environmentally conscious and how they can improve their personal hygiene practices and other practices that promote a sustainable environment.



CWED intends to organize both technical and non-technical training programs for human capacity development. The beneficiaries such as farmers, traders, fishermen etc. will find it helpful in solving some of the environmental





NATURAL RESOURCES MANAGEMENT(NRM)

Our approach to natural resources management is to promote conservation practices in various areas, most especially agriculture. We aim to encourage organic agriculture among farmers and provide support to local communities in managing their natural resource to ensure sustainability. **CWED** intends to achieve this



through the positive contribution of its Research and Development programs. New trends and technological innovations are to be provided as support to these communities especially while offering consultancy services in conservation and proper utilization of natural resources. Traditional and modern practices in tackling soil degradation and desertification are also to be taught to contribute in the management of natural resources. Proper land use systems and proper installation of drainage systems to carry runoffs, provision of ecological conservation, promotion of afforestation and empowering local communities to cope with drought amongst other practices are aspects where awareness will be created.

RESEARCH AND DEVELOPMENT(R&D)

The Research and Development mission of **CWED** is to delve into new innovation and technological advancement in promoting a better environment through the development of natural and environmental resources. The result of these projects is to be utilized in the improvement of existing environmental practices, natural resources management, sanitation, waste management and recycling, environmental policies, conservation planning and sustainable models of natural resources use etc.





OUR TEAM

BOARD OF TRUSTEES

Dr. (Mrs) Mivanyi Jenny Yuwanna
Dr. Lemuel Maniyunda
Engr. Musa Nimrod
Dr. Joseph Hellandendu

STAFF

Engr. Musa Nimrod	Executive Director
Doris Zakama Shanni	Programme Manager
Lydia Saleh	HR and External Affairs
Andrew Peter Wafuziya	Utility Officer
Rahab Galadima	Administrative Officer
Maryam Shehu	Financial Officer
Yusuf Walter Zakari	ICT Specialist
Daniel W. John	Driver
Lydia James	Office Assistant

STATE FIELD OFFICER/ STATE

AppellesAyubaGarvwa	Adamawa State
Audu Hassan D.	Gombe State
BakoVyouma Ago	TarabaState
Ayuba Adamu Mshelizah	Borno State
Hassana Bata	Yobe State

AND VARIOUS VOLUNTEERS





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