

E-ISSN: 2814-0389, ISSN: 2814-0370 VOL. 5, ISSUE 1, 2025 AVAILABLE ONLINE: www.ijamps.com



## THE CHALLENGES OF ENVIRONMENTALISM IN NIGERIA

Eze Chidi Nwauba
Professor of Intrapreneurship
Department of Public Administration,
Prowess University, Delaware-USA
E-mail: dparlay@gmail.com
dr.prince@pu-edu.us
+2349124673109
+22996547204

### Abstract

With a population of over 120 million and a land area of 983,213 km2, Nigeria is a country whose environment bears the visible and invisible scars of human habitation. The human race's impact on the natural world has led to a host of problems, including increased urbanization, less forest cover, desertification, overpopulation, and pollution of various types. These shifts take place as a result of people's insatiable need for basic necessities including food, housing, entertainment, and infrastructure. Even if these needs and wants help the nation progress, they hurt the environment due to careless land and resource exploitation. The purpose of the regulatory agencies like the Federal Ministry of Environment (FME) in Nigeria is to regulate the use of natural resources, as well as their management and conservation. However, data collected from the field shows that environmental degradation is progressing at a faster rate than it was before the advent of FME. In order to address these issues, it will be necessary to move beyond the goals and strategies outlined by FME. Indigenous peoples, especially core environmentalists, should lead efforts to preserve the environment. This course ought to be composed and conveyed in languages spoken in Nigeria. Humans should act as agents in the design process that takes into account the country's diverse natural zones. Primary and secondary school curricula should incorporate Environmental Education (which should cover environmental protection practices) to ensure a lasting impact.

**Keywords:** Environmentalism, Nigeria, Urbanization, Desertification, Overpopulation. Pollution

PROFESSIONAL STUDIES E-ISSN: 2814-0389, ISSN: 2814-0370

VOL. 5, ISSUE 1, 2025

AVAILABLE ONLINE: www.ijamps.com

Introduction

Although studies of the environment give knowledge of and about it, and that

knowledge of the environment equally propels studies of the environment, modern

academic analyses and discussions of the environment explain and force the

distinction between the two. Because the difference in question is unique to the realm

of practice, the formulation it reflects is purely pragmatic. The theory of

contemporary global interdependence between and among nation-states and non-state

actors working independently and about the state explains the relationship between

the environment and sustainable development as it is currently discussed in globalist

discourse.

A growing number of people are becoming more environmentally conscious and

globally concerned about environmental issues, and they are becoming more vocal in

their support for sustainable development and other related causes (Agyeman, 2020).

By grounding their work in the current state of social scientific analysis,

environmentalists can see the numerous facets of the environment through the lens of

the multidisciplinary approaches intrinsic to environmental discourse. Consequently,

as part of intellectualism's usual procedure, we must enquire into these crucial

matters: What are the benefits of learning about and studying our surroundings? When

it comes to what is already known about it, what has the pattern been? The importance

of the information and research begs the question: why? The questions are essential,

but how will the answers help Nigerians and Africans? Environmentalists advocate

for a more sustainable future and study the environment to understand it better.

Therefore, the implications for our present and future existence provide the

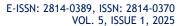
groundwork and rationale for studying and understanding the environment and its

challenges and, by extension, their importance in this modern day. Who or what is

this inference, and how does it relate to who we are at our core? To develop future

projections, it is necessary to answer all the questions collectively.

PROFESSIONAL STUDIES



AVAILABLE ONLINE: www.ijamps.com

IJAMPS

The historical rainfall and the specific seasonal oscillation revealed the interconnections of trade, manufacturing, agriculture, and industry. Stimulating the patterns allows us to investigate the connections and draw significant conclusions. Looking at average weather data collected over many decades is helpful to understand the current climate and its changes better. Since specialists have been trying to convince the UN for over twelve years that the world's climate is changing and that this will change for the worse if we do not do something soon (Agyeman, 2020), we finally know. Whether or not the Earth's climate has altered is an issue that has been debated to death. The current political climate has made it so that the efforts necessary to counteract the contained implications and effects are fraught with controversy.

Considering the multidisciplinary nature of environmental concerns and the need to understand and foretell their impact on sustainable development, it is clear that a multi-method approach is necessary. Development, ultimately about people, implies that any effort to understand or improve it should center on human beings and all aspects of their existence, including but not limited to their language, religion, habits, culture, and so on (Allam et al., 2022). To get to the bottom of the environmental and sustainable development debate, scientific inquiry and technological advancements should adopt an investigative stance grounded in those mentioned above. By understanding our natural surroundings, we can better prepare for potential natural catastrophes like floods and landslides, which threaten human survival now and in the future. Understanding the environment is, hence, crucial for everyone.

It is important to note that out of a total land area of 983,213 square kilometers, 773,783 square kilometers are located in the savanna zones of Nigeria. 133,717 square kilometers are forested, and 75,707 square kilometers are part of the derived savanna zone. With a population of over 120 million, Nigeria has a density of over 120 people per square kilometer. It is clear that Nigeria already faces a high population density. However, this density may differ from one location to another. A permanent imprint on the terrain results from the millions of Nigerians interacting with their various ecosystems. Some examples of these repercussions include increased urbanization, desertification, overcrowding, and other forms of pollution.

**PROFESSIONAL STUDIES** E-ISSN: 2814-0389, ISSN: 2814-0370

VOL. 5, ISSUE 1, 2025

AVAILABLE ONLINE: www.ijamps.com

These interactions affect The natural environment in both good and bad ways. The

results of this study highlight the detrimental effects of human activity on the natural

world.

Environmental deterioration has resulted from careless human activities caused by a

myriad of factors, including but not limited to lack of knowledge, poverty,

overpopulation, and greed. The deterioration occurs due to Nigerians trying to meet

their (apparently) limitless needs for food, housing, recreation, infrastructure, and so

on with the resources already around them (Allam et al., 2022). Both the positive and

harmful effects on the environment are caused by these land use activities, which

together help the country flourish. These unfavourable effects are known as

environmental degradation, which means "abuse of the environment" due to

mismanagement of resources.

This paper investigates a few of the subsequent repercussions of man's contact with

his environment, with an eye toward highlighting their role in contributing to

environmental problems. It also proposes redesigning the goals and strategies to guide

stakeholders in combating these challenges.

Literature Review

**Environmentalism: An Overview** 

Environmentalists work to keep the planet's air and water clean for future generations,

and they also work to preserve and safeguard the many ecosystems that support life

on Earth (Allam et al., 2022). This movement's primary goal is to preserve Earth's

resources, which are essential to human existence and progress, as well as the

preservation of natural elements. Climate change is the biggest problem facing our

world now (Ascensão et al., 2018). Air and water pollution, water scarcity, food

insecurity, deforestation, increasing sea levels, biodiversity loss, indigenous

environmental knowledge and traditions, and rising sea levels are all part of this.

A municipal, regional, or even personal approach to environmental problems is

known as civic environmentalism. As a form of social action, it encourages locals to

PROFESSIONAL STUDIES E-ISSN: 2814-0389, ISSN: 2814-0370

VOL. 5, ISSUE 1, 2025

AVAILABLE ONLINE: www.ijamps.com

band together and find solutions to environmental issues affecting their

neighborhoods and cities. A community or movement can only be sustained by the

combined efforts of its members, and this is the overarching purpose of civic

environmentalism (Johnson et al., 2019). Sustainability can be described as an

approach to living that prioritizes preserving natural resources and promoting social

and technological innovation aimed at resolving environmental issues. Making these

choices about how we live now will ensure that future generations can enjoy the same

standard of living.

Ecology, in its purest and most ethical form, has its roots in the customs, practices,

and wisdom of the world's indigenous peoples. Sanitation and waste management

were practices the Indus Civilization adopted around 5000 years ago. To protect land

and minimize soil erosion, ancient civilizations in India, China, and Peru developed

agricultural practices like crop rotation and terrace farming (Johnson et al., 2019).

Ancient Greek thinkers like Hippocrates and Plato raised concerns about deforestation

and environmental health. Native American culture in the United States is deeply

rooted in the land and its natural resources. The indigenous peoples of the area, from

Alaska to Australia, have a long and rich history of knowledge about the resources

available to them, including the plants and animals they ate, the fish they caught, and

how to manage wildfires for improved hunting. Using fire to clear land in the past

allowed for a diverse regrowth of plants, which in turn boosted the number of prey

and predator species. Worldwide, indigenous peoples view the environment more

comprehensively.

"Western environmentalism," as it is commonly known, emerged as a reaction to

human activities that depleted Earth's natural resources and sought to mitigate or

eliminate them. The colonization of Native American territories around the world

brought about environmental degradation and exploitation, and this fact must be

recognized. The colonizers disregarded the well-rounded ways of the indigenous

people, who had a deep understanding of the country and its resources.



AVAILABLE ONLINE: www.ijamps.com





Fig 1: Essence of Environmentalism/Source: Google image.

Following traditional techniques that preserve ecological harmony, environmentalism has always originated in indigenous and aboriginal cultures. Although they own 11% of the world's wood, indigenous peoples only comprise 4% to 5% of the population. According to Robbins (2018), this action helps to preserve 80% of the world's biodiversity. Similarly, communities and individuals of color in the United States spearheaded the environmental justice movement in response to the reality that they were disproportionately located in regions most affected by pollution (Miller & Skelton, 2016).

In 1972, 114 countries came together at a United Nations meeting in Stockholm to have the first global conversation about environmental issues. Today, 195 member nations of the United Nations have signed the Paris Agreement of 2016, the most recent global framework and agreement on climate change. The USA declared withdrawal from the Paris Agreement in 2017.

Immense fossil fuel corporations ExxonMobil and Shell each conducted their climate change studies in the 1980s. As we know more about the climate catastrophe, their experts concluded that the extraction, sale, and use of fossil fuels like coal and oil would cause the planet's temperature to rise. The fossil fuel industry shamefully buried the evidence supporting its claims and actively worked to quell any discussion

PROFESSIONAL STUDIES E-ISSN: 2814-0389, ISSN: 2814-0370

VOL. 5, ISSUE 1, 2025

AVAILABLE ONLINE: www.ijamps.com

of climate change. Their decision was driven by a desire to maintain their financial

stake in fossil fuels, the principal cause of the current global catastrophe (Franta,

2018). Fossil fuels power our cars, homes, buildings, technology, entertainment, and

every aspect of our existence. However, burning these fuels emits dangerous

environmental pollutants, including large amounts of carbon dioxide.

The most pressing issue confronting humanity at present is climate change. The grim

truth of the climate crisis's effects on the lives of current and future generations is the

root cause of its severity and urgency. All of Earth's ecosystems and habitats will

suffer permanent harm. The main reason for concern is the rate or speed at which

changes occur in our global atmosphere and on Earth (Lindsey, 2019).

This generation, particularly millennials and Gen Z, is more motivated than ever to

take action and lessen the impact. Thanks to initiatives like recycling, reduced

consumption, and online environmental petitions, progress has been made in

environmental conservation, and the supply of environmentally friendly items has

grown. Nevertheless, this falls short. We need stronger environmental regulations and

a sea change in legislation, consumer habits, and human lifestyles generally because

the world's population and consumption have led to a climate catastrophe.

Regardless of one's socioeconomic status, color, or country of origin, the climate

crisis knows no bounds. However, prejudice and sexism in politics and society affect

how people and governments react to the climate catastrophe. Since low-income and

minority groups experience disproportionately high levels of environmental

degradation and disproportionately high costs associated with these issues,

environmental activism is essential in advancing social justice (The Lancet, 2018).

Developing countries are struggling to balance economic growth and environmental

conservation. In contrast, Western and industrialized nations like the United States,

Russia, China, Germany, and many of Europe have released the most greenhouse

emissions. Emotional and intangible ties to the natural world are also in danger. The

environmental movement may have a heavy scientific foundation, but the bond

between humans and the natural world is the most inherent.

PROFESSIONAL STUDIES E-ISSN: 2814-0389, ISSN: 2814-0370

VOL. 5, ISSUE 1, 2025 AVAILABLE ONLINE: www.ijamps.com

IAMPS

We can do our part to combat climate change by engaging in civic environmentalism. It is primarily the duty and obligation of Western and industrialized governments and multinational enterprises to mitigate the consequences of climate change. However, this issue affects all humans; we can all do our part. We can all do our part to be more eco-conscious, even though some people are more directly responsible for the problem than others. It is within our power as citizens to recycle or repurpose certain materials and support businesses that employ environmentally conscious packaging. Supporting local businesses and opting for eco-friendly modes of transportation like public transportation and bicycles is always a good idea. Overall, we may lessen our environmental impact by consuming less meat and dairy products, whose industrial production is harmful. We can all do our part by reducing, reusing, and recycling—no need to give up the things that matter to us or make us happy (EPA, 2019).

In 2018, donations to animal and environmental groups hit a record high, according to Giving USA 2019, with an anticipated 3.6% increase to \$12.70 billion. For the greater good of the environment, nonprofit groups employ tried-and-true and unconventional tactics. Two groups that focus on protecting the environment through litigation are the Environmental Defense Fund and the National Resources Defense Council. In addition to these organizations, many more work to protect the environment. These include the Wilderness Society, Friends of the Earth, The Nature Conservancy, World Wildlife Fund, National Wildlife Federation, protests, public hearings, lobbying of governments and corporations, and land acquisition for preservation. Unlike for-profit businesses and government entities, a nonprofit environmental group's only goal is to protect the environment.







Fig 2: Typical Forest/Source: Google Image

The environmental movement and related groups do an excellent job of advocating for change and setting an example for society. A good example of a civic movement taking on the advocacy role is Extinction Rebellion, an international movement that focuses on nonviolent civil disobedience to draw attention to the social and environmental collapse of both the government and the general public (Extinction Rebellion, 2019).

Formal organizations and groups, as well as the nonprofit sector, have become environmentalists. On the other hand, environmental protection is a civic duty that helps our civil society's democratic processes function. Teaching people about environmental issues is the most essential thing we can do and the most selfless thing we can do for the planet. Verifying the information is just as vital as raising awareness and providing education. While credible newspapers, scientific journals, and databases are our best bets, we should also examine our sources and information from other places to ensure accuracy.

Similarly, we can be conscientious buyers if we inquire about the product's origin, manufacturing process, and manufacturer(s). Any product or item that cannot be shown to have originated from its manufacturer is unsustainable and harms both people and the environment. We may take our involvement in the environmental

PROFESSIONAL STUDIES
F-ISSN: 2814-0389 ISSN: 2814-0370

E-ISSN: 2814-0389, ISSN: 2814-0370 VOL. 5, ISSUE 1, 2025

AVAILABLE ONLINE: www.ijamps.com

movement further by lending our skills and time to environmental groups, advocacy

groups, community groups, and even non-profits and voluntary associations not

necessarily concerned with environmental issues. Environmentalist principles and

constructs are found in every study area because environmentalism is a global

movement.

**Environmentalism Challenges in Nigeria** 

i. Urbanization: Rapid population expansion and movement from rural areas to urban

centers are the main drivers of urbanization. Slums in urban areas have a negative

impact on the environment in Nigeria (Omisore, 2018). The situation is a prime

example of how development strategies have failed to keep up with the exponential

increase in the human population. The fast production of non-biodegradable materials,

such as plastics, has made the disposal of trash and refuse a significant challenge.

As a result of cities' fast expansion and the inadequacy of social services and

infrastructure to support them, urban environmental conditions have been steadily

worsening. Evidence points to inadequate storm drains, garbage dumping into

drainage systems, and building houses near or even on natural water channels as the

top three causes of urban flooding. Overcrowding in filthy dwellings, inadequate or

nonexistent social services and infrastructure (including water and sewage facilities),

and inadequate or nonexistent access routes are all environmental issues linked to the

expansion of urban slums (Angaye & Abowei, 2017).

ii. Overpopulation: In every environmental problem, population growth is a crucial

component. The environment is stressed out due to overpopulation. The

overexploitation of natural resources by humans is the root cause of many

environmental problems, including desertification, erosion, degradation, and

overpopulation. Up until recently, Nigerians tended to oppose efforts to significantly

lower their "high population size" because they saw it as a sign of greatness, power,

and status. The extent to which traditional communities are being compelled to

forsake the production systems and resource management strategies that enabled them

to sustainably produce food while minimizing environmental impacts is only now

PROFESSIONAL STUDIES E-ISSN: 2814-0389, ISSN: 2814-0370

-ISSN: 2814-0389, ISSN: 2814-0370 VOL. 5, ISSUE 1, 2025

AVAILABLE ONLINE: www.ijamps.com

coming to light as a result of overpopulation. The fast deterioration of environmental

quality and human living situations is a straightforward consequence of the

exponential rise in the human population. After the country's economic emergency

was proclaimed in 1985, Mabogunje (1985) cited in Baus (2017) reasoned that the

following years would see massive attempts to boost output and efficiency. People

will be so focused on meeting their short-term demands in such a stressful atmosphere

that they will fail to give much thought to the long-term effects, particularly on future

generations (Baus, 2017). "The present high rate of our population expansion is

already contributing greatly to the destruction of the ecosystem of the country," the

Federal Government of Nigeria said in its 1988 National Policy on Population for

Development. It notes that soil erosion and desertification have resulted from

overgrazing, overcrowding, and land fragmentation and that these problems will only

get worse if the current rate of population expansion is maintained (Liu et al., 2022).

iii. Deforestation: Large areas covered in trees, often found in sub-equatorial and

monsoon climates, are known as forests (Njora & Yilmaz, 2022). It is impossible to

overstate the significance of the forest to humans. For endangered and uncommon

species, they provide a haven. Forests play the role of storm breaks in protecting

towns and villages from storm damage. They serve many practical purposes,

including as fuel (in the form of wood and charcoal), paper and textile fiber,

medicinal (in the form of some plants' stems and leaves), habitat (for animals to

breed), erosion control, food production, and building materials.

Approximately 360,000 square kilometers, or over one-third of the country's total

geographical area, was projected to be covered by forests of various varieties in 1975

(Bora, 2016). It would take 25–30 years to harvest all of the matured timbers from the

high forest, according to estimates, which is 1.5 million cubic meters each year. It

would take fewer than fifteen years to deplete the forest of its timber supplies, given

the fast increase in household consumption of lumber as a consequence of higher

building construction rates caused by rising incomes and populations (Njora &

Yilmaz, 2022).

PROFESSIONAL STUDIES E-ISSN: 2814-0389, ISSN: 2814-0370

VOL. 5, ISSUE 1, 2025

AVAILABLE ONLINE: www.ijamps.com

When trees are cut down for various reasons without also planting new trees to take

their place, this practice is known as deforestation. Everyone and everything is at risk

when forests are cut down. It triggers storms and soil erosion, which in turn can wipe

out crops, homes, and animals. Soil erosion, floods, and silt buildup in rivers and

lakes are all consequences of clearing forests. Deforestation reduces the amount of

water that trees can collect through transpiration, which in turn affects the relative

humidity in the air and, ultimately, the amount of precipitation that falls on a given

area. Soil mineral content is depleted when crops are grown repeatedly on previously

removed plant areas (Andrée et al., 2019).

Reduced forest size, diversity, and stability have resulted from deforestation in

Nigeria for a variety of reasons, including agricultural development, urbanization,

industrial expansion, and population pressure. Approximately 600,000 hectares of

forest are lost annually due to negligent exploitation and husbandry, according to the

Food and Agricultural Organization (FAO) (Nathaniel & Bekun, 2019). Soil erosion,

infertility, desertification, and flooding are just a few of the environmental problems

that have worsened throughout the country as a result of this reckless forest

exploitation.

iv. Desertification: Deserts, like the one that stretches across Africa, are landmasses

devoid of vegetation and water and typically covered with sand. Consequently,

desertification occurs, wherein the once fruitful area is gradually covered by desert.

Desertification can occur as a result of natural processes or human interference.

Drought and wind-borne sand deposition are two of the most essential natural dangers

that exacerbate desertification.

A more significant amount of desertification has occurred in the northern region of

the nation, where the Saharan desert has consumed the formerly arable territory. Part

of the region that is experiencing desertification is the basin of Lake Chad. The water

surface area of the lake has decreased from approximately 24,000 square kilometers

in 1963 to approximately 3,000 square kilometers in 1984 (Mahmood et al., 2019).

PROFESSIONAL STUDIES E-ISSN: 2814-0389, ISSN: 2814-0370

VOL. 5, ISSUE 1, 2025

AVAILABLE ONLINE: www.ijamps.com

This is because of both natural disasters (such as drought and sand particles carried by

the wind) and human mistakes in managing the lake system.

One of the greatest threats to humanity is desertification. The result is mass starvation,

sickness, and the loss of agricultural land, animals, and people. Terrace plowing,

irrigation, and tree and grass planting are all ways to slow or stop desertification.

v. Pollution: There are three distinct types of environmental pollution. These can be

classified as air pollution, water pollution, and land contamination. When substances

in the outer atmosphere are present in concentrations that are detrimental to both

humans and the environment, this is known as air pollution, according to the World

Health Organization (2018). Human activities have significantly worsened the state of

the lower atmosphere on the surface of the world. There is an excess of carbon

monoxide due to combustion and other human activities, and this is mainly

attributable to the expansion and modernization of industrial processes and

urbanization.

When carbon monoxide combines with blood vessels, it blocks them from absorbing

oxygen, leading to suffocation. Air pollution has recently become an issue in

numerous rural areas in Nigeria that were formerly characterized by dry, fresh air

(Njora & Yilmaz, 2022). This is a result of the growth of human activities and the

process of industrialization.

The term "aquatic pollution" refers to the discharge of undesirable physical, chemical,

and biological substances into bodies of water from the human environment.

Substances that alter the water's natural state are known as pollutants, and they can be

chemical, physical, or biological. This incident causes widespread water

contamination in most cities in Nigeria. The waterways in these urban centers are also

clogged with solid trash.

When undesirable things like trash or debris end up on land, it is called land surface

pollution. The most prevalent land pollution comes from urban areas' dispersed

PROFESSIONAL STUDIES
F-ISSN: 2814-0389 ISSN: 2814-0370

E-ISSN: 2814-0389, ISSN: 2814-0370 VOL. 5, ISSUE 1, 2025

AVAILABLE ONLINE: www.ijamps.com

garbage and other waste materials. Most environmental problems, according to Njora

& Yilmaz (2022), are caused by the manufacture or use of things whose waste

products quickly become pollutants. The fast accumulation of solid waste was

attributed by Mahmood et al (2019) to the advent of urbanization. Land area pollution

in Nigeria has taken on a new dimension due to the country's rapid industrialization

and increasing urbanization, as well as its inadequate waste management controls.

While this paper does touch on a few of the most pressing issues caused by humans'

interference with nature, it is far from exhaustive. We will go over the next steps and

provide some fundamental suggestions that will help the Federal Ministry of

Environment accomplish its goals in the following part.

Tackling the Challenges of Environmentalism in Nigeria: Roles of Stakeholders

In the last 30 years, Nigeria has seen a rise in environmental challenges such as

desertification, overcrowding, pollution, deforestation, and urbanization. Similarly,

the focus on minimizing, halting, and alleviating the effects of environmental

deterioration by governments, NGOs, corporations, and individuals is relatively new.

Decree 58, the Federal Environmental Protection Agency (FME), was established in

1988 by the federal government to establish regulations for the management of

Nigeria's environment. This agency did not come into effect until December of that

year.

Nonetheless, there were a number of government acts and statutes pertaining to

environmental preservation before the 1988 Decree (which created FME). Among

these, there are several notable acts, such as the Mineral Act of 1969, the related Gas

Injection Act of 1969, the Chad Basin Development Act of 1973, and the Oil in

Navigable Water Decree of 1968. To solve specific recognized environmental issues,

these laws and acts were proposed. They were limited in both scope and space. The

Federal Ministry of Environment (FME) was established by Decree No. 58 of 1988

and later amended by Decree 59 of 1992. The decrees granted the agency broad

authority over the management, exploitation, and protection of Nigeria's natural

resources.

PROFESSIONAL STUDIES E-ISSN: 2814-0389, ISSN: 2814-0370

E-ISSN: 2814-0389, ISSN: 2814-0370 VOL. 5, ISSUE 1, 2025

AVAILABLE ONLINE: www.ijamps.com

The Federal Government provides FME with both legal support and financial

resources, yet the agency has failed miserably in its efforts thus far. This is because

since FME was established, the rate of environmental degradation has steadily

increased. More so than in the past, issues including pollution, desertification,

deforestation, and urbanization stand out. In the next fifteen years, Nigeria might

become an uninhabitable country unless effective methods of protecting and

managing the environment are implemented.

People do not recognize regulatory agencies like FME as organizations. The people's

customs and practices did not give rise to the notion. FME has a complete disregard

for human and environmental health. Those working for her are reminiscent of the tax

collectors of yesteryear. Unlike the more common "Bottom-up" approach, FME is a

"Top-down" development technique.

The success of regulatory agencies like FME depends on the conceptualization of

certain fundamental notions regarding environmental management. Our ancestors

were very dependent on the natural world before the advent of modernity. They have

the know-how to harness natural resources while preventing their depletion. With this

in mind, FME should be a community-based idea. The agency establishes what is

referred to as an "Agric cell" to disseminate contemporary and scientific agricultural

practices. Each cell has an agricultural officer whose job it is to spread knowledge

about contemporary farming techniques.

Similarly, environmental protection personnel should be dispatched to specific

communities to educate them on cutting-edge environmental protection tactics and

approaches. Each of these tiers will be housed in the community-based framework.

There are three levels of government: the ward, the neighbourhood, and the city or

town.

Offenders caught should face consequences at the hands of the local government.

Both the federal and state levels are then involved. Wherever this model of

INTERNATIONAL JOURNAL OF ARTS MANAGEMENT AND PROFESSIONAL STUDIES

E-ISSN: 2814-0389, ISSN: 2814-0370

VOL. 5, ISSUE 1, 2025

AVAILABLE ONLINE: www.ijamps.com

community involvement has been implemented, outstanding results have been

attained.

It is expected that the environmental protection officer is proficient in the language(s)

spoken in the region under his control. This is because, according to Babalola &

Olawuyi (2021), most people who work in the land do not have a Western education.

People will start to care about the environment when this happens. The national policy

on the environment will be successful in achieving its aims when the public

understands the consequences of careless environmental practices and has access to

practical environmental management tools. At long last, the researcher is in favour of

including environmental education in primary and higher education curricula.

**Conclusion** 

Over 120 million people call Nigeria home, spread out over 983,213 km2 of territory.

There will always be a visible reminder of the millions of individuals who have

interacted with their natural surroundings. Deforestation, desertification, urbanization,

overpopulation, and pollution of all types have been the outcomes of these Nigerians'

efforts to satisfy their seemingly infinite needs for food, shelter, recreation, and

infrastructure amenities, among many others. Even if these land-use activities help the

country develop overall, they also harm the ecosystem.

These environmental issues prompted the establishment of FME to regulate all land

use activities. Nonetheless, after the FME was passed, environmental degradation in

Nigeria has worsened at a faster rate. We need to move beyond the aims and tactics of

regulatory agencies to address these difficulties since they pose new and complex

issues.

Methods for preserving the environment should be "Bottom-up" based and cultivated

domestically. It ought to center on the community. It is recommended that the

framework be structured at the community or village level. At the ward level, a

number of communities should be grouped. From ward level to Local Government

PROFESSIONAL STUDIES E-ISSN: 2814-0389, ISSN: 2814-0370

VOL. 5, ISSUE 1, 2025

AVAILABLE ONLINE: www.ijamps.com

Level. It is only fair that local environmental protection officials have the authority to

penalize violators on an individual basis.

Both elementary and secondary school curricula should incorporate lessons on

environmental awareness.

Recommendations

Based on the challenges explored, the paper recommends that:

i. Enhance Public Awareness and Education: Launch comprehensive campaigns

to educate the public about the importance of environmental conservation,

sustainable practices, and the impacts of overpopulation, deforestation, and

pollution.

ii. Implement and Enforce Environmental Regulations: Strengthen and strictly

enforce environmental laws and regulations to mitigate pollution, control

deforestation, and manage waste effectively.

iii. Promote Sustainable Agricultural Practices: Encourage sustainable

agricultural methods, such as crop rotation and organic farming, to reduce land

degradation and desertification while preserving soil fertility.

iv. Develop and Expand Green Infrastructure: Invest in green infrastructure,

including renewable energy sources, public transportation, and green spaces, to

reduce the environmental impact of urbanization and promote sustainable

development.

v. Foster Community-Based Environmental Initiatives: Support local and

indigenous community initiatives that focus on environmental conservation, such

as reforestation projects, clean-up drives, and the protection of natural habitats.

# INTERNATIONAL JOURNAL OF ARTS MANAGEMENT AND PROFESSIONAL STUDIES



E-ISSN: 2814-0389, ISSN: 2814-0370 VOL. 5, ISSUE 1, 2025

AVAILABLE ONLINE: www.ijamps.com

## References

- Agyeman, J. (2020). Sustainable Communities and the Challenge of Environmental Justice. In *New York University Press eBooks*. <a href="https://doi.org/10.18574/nyu/9780814707746.001.0001">https://doi.org/10.18574/nyu/9780814707746.001.0001</a>
- Aljazeera News. (2019). What is climate change? Start here with Aljazeera. Aljazeera. https://www.aljazeera.com/programmes/start-here/2019/12/climate-change-191201113702813.html
- Allam, Z., Sharifi, A., Bibri, S. E., Jones, D. S., & Krogstie, J. (2022). The Metaverse as a Virtual Form of Smart Cities: Opportunities and Challenges for Environmental, Economic, and Social Sustainability in Urban Futures. *Smart Cities*, 5(3), 771–801. https://doi.org/10.3390/smartcities5030040
- Andrée, B. P. J., Chamorro, A., Spencer, P., Koomen, E., & Dogo, H. (2019). Revisiting the relation between economic growth and the environment; a global assessment of deforestation, pollution and carbon emission. *Renewable and Sustainable Energy Reviews*, 114, 109221. <a href="https://doi.org/10.1016/j.rser.2019.06.028">https://doi.org/10.1016/j.rser.2019.06.028</a>
- Andrews, E. (2019). Why does environmentalism have a dark side? Grist. https://grist.org/article/why-does-environmentalism-have-a-dark-side/
- Angaye, T. C., & Abowei, J. F. (2017). Review on the Environmental Impacts of Municipal Solid Waste in Nigeria: Challenges and Prospects. *Greener Journal of Environment Management and Public Safty*, 6(2), 018–033. <a href="https://doi.org/10.15580/gjemps.2017.2.062117079">https://doi.org/10.15580/gjemps.2017.2.062117079</a>
- Ascensão, F., Fahrig, L., Clevenger, A. P., Corlett, R. T., Jaeger, J. a. G., Laurance, W. F., & Pereira, H. M. (2018). Environmental challenges for the Belt and Road Initiative. *Nature Sustainability*, 1(5), 206–209. <a href="https://doi.org/10.1038/s41893-018-0059-3">https://doi.org/10.1038/s41893-018-0059-3</a>
- Babalola, A., & Olawuyi, D. S. (2021). Advancing Environmental Education for Sustainable Development in Higher Education in Nigeria: Current Challenges and Future Directions. *Sustainability*, 13(19), 10808. <a href="https://doi.org/10.3390/su131910808">https://doi.org/10.3390/su131910808</a>
- Baus, D. (2017). Overpopulation and the Impact on the Environment. <a href="http://academicworks.cuny.edu/cgi/viewcontent.cgi?article=2929&context=gcetds">http://academicworks.cuny.edu/cgi/viewcontent.cgi?article=2929&context=gcetds</a>
- Bora, K. (2016). Forest Fire and its Impact on Deforestation and Environment of Uttarakhand. *Quest-The Journal of UGC-HRDC Nainital*, 10(3), 215. https://doi.org/10.5958/2249-0035.2016.00030.9
- Campbell, S. (2019). How indigenous communities are working to protect the climate. Yale Climate Connections.



- https://www.yaleclimateconnections.org/2019/09/how-indigenouscommunities-are-working-to-protect-the-climate/
- Environmental racism: Time to tackle social injustice. (2018). The Lancet Planetary Health. https://www.thelancet.com/journals/lanplh/article/PIIS2542-5196(18)30219-5/fulltext#articleInformation
- Extinction Rebellion. (n.d.). About us. Rebellion.earth. <a href="https://rebellion.earth/the-">https://rebellion.earth/the-</a> truth/about-us/ (Accessed 21 July, 2024).
- Franta, B. (2018). Shell and Exxon's secret 1980s climate change warnings. The Guardian. https://www.theguardian.com/environment/climate-consensus-97per-cent/2018/sep/19/shell-and-exxons-secret-1980s-climate-changewarnings
- Johnson, M. L., Locke, D. H., Svendsen, E., Campbell, L. K., Westphal, L. M., Romolini, M., & Grove, J. M. (2019). Context matters: influence of organizational, environmental, and social factors on civic environmental stewardship group intensity. Ecology and Society, *24*(4). https://doi.org/10.5751/es-10924-240401
- Karkman, A., Pärnänen, K., & Larsson, D. G. J. (2019). Fecal pollution can explain antibiotic resistance gene abundances in anthropogenically environments. Nature Communications, *10*(1). https://doi.org/10.1038/s41467-018-07992-3
- Kivunja, C., & Kuyini, A. B. (2017). Understanding and Applying Research Paradigms in Educational Contexts. International Journal of Higher Education, 6(5), 26. https://doi.org/10.5430/ijhe.v6n5p26
- Lindsey, R. (2019). Climate change: Atmospheric carbon dioxide. The National Oceanic and Atmospheric Administration. Climate.gov. https://www.climate.gov/news-features/understanding-climate/climatechange-atmospheric-carbon-dioxide
- Liu, H., Alharthi, M., Atil, A., Zafar, M. W., & Khan, I. (2022). A non-linear analysis of the impacts of natural resources and education on environmental quality: Green energy and its role in the future. Resources Policy, 79, 102940. https://doi.org/10.1016/j.resourpol.2022.102940
- Mahmood, R., Jia, S., & Zhu, W. (2019). Analysis of climate variability, trends, and prediction in the most active parts of the Lake Chad basin, Africa. Scientific Reports, 9(1). https://doi.org/10.1038/s41598-019-42811-9
- Mason, M. (2019). What is sustainability and why is it important? EnvironmentalScience.org. https://www.environmentalscience.org/sustainability (Accessed 25 July, 2024).

# INTERNATIONAL JOURNAL OF ARTS MANAGEMENT AND PROFESSIONAL STUDIES



E-ISSN: 2814-0389, ISSN: 2814-0370 VOL. 5, ISSUE 1, 2025

AVAILABLE ONLINE: www.ijamps.com

- Miller, V., & Skelton, R. (2016). The environmental justice movement. Natural Resources Defense Council. <a href="https://www.nrdc.org/stories/environmental-justice-movement">https://www.nrdc.org/stories/environmental-justice-movement</a>
- Nathaniel, S. P., & Bekun, F. V. (2019). Environmental management amidst energy use, urbanization, trade openness, and deforestation: The Nigerian experience. *Journal of Public Affairs*, 20(2). https://doi.org/10.1002/pa.2037
- Njora, B., & Yilmaz, H. (2022). Analysis of the Effects of Deforestation on the Environment And Agriculture In Kenya. *DergiPark (Istanbul University)*. <a href="https://dergipark.org.tr/tr/pub/ijwmd/issue/68070/1031605">https://dergipark.org.tr/tr/pub/ijwmd/issue/68070/1031605</a>
- Omisore, A. G. (2018). Attaining Sustainable Development Goals in sub-Saharan Africa; The need to address environmental challenges. *Environmental Development*, 25, 138–145. https://doi.org/10.1016/j.envdev.2017.09.002
- Purdy, J. (2016). Environmentalism was once a social-justice movement. The Atlantic. <a href="https://www.theatlantic.com/science/archive/2016/12/how-the-environmental-movement-can-recover-its-soul/509831/">https://www.theatlantic.com/science/archive/2016/12/how-the-environmental-movement-can-recover-its-soul/509831/</a>
- Robbins, J. (2018). Native knowledge: What ecologists are learning from indigenous people. Yale Environment 360. <a href="https://e360.yale.edu/features/native-knowledge-what-ecologists-are-learning-from-indigenous-people">https://e360.yale.edu/features/native-knowledge-what-ecologists-are-learning-from-indigenous-people</a>
- United States Environmental Protection Agency. (2019). Reduce, reuse, recycle. EPA.gov. <a href="https://www.epa.gov/recycle">https://www.epa.gov/recycle</a> (Accessed 25 July, 2024).
- Van Schoote, A. (2018). Eco-activism: What it is and why it is relevant. Women Engage for a Common Future (WECF). <a href="http://www.wecf.eu/english/articles/2018/04/Eco-Activism.php">http://www.wecf.eu/english/articles/2018/04/Eco-Activism.php</a>
- Weyler, R. (2018). A brief history of environmentalism. Greenpeace. <a href="https://www.greenpeace.org/international/story/11658/a-brief-history-of-environmentalism/">https://www.greenpeace.org/international/story/11658/a-brief-history-of-environmentalism/</a>
- World Health Organization. (2018). Preventing disease through healthy environments: A global assessment of the burden of disease from environmental risks. <a href="https://www.who.int/publications/i/item/9789241565196">https://www.who.int/publications/i/item/9789241565196</a>