

INFRASTRUCTURE AND ENVIRONMENTAL



ATEBUBU
COLLEGE OF
EDUCATION



CONTENTS

BRIEF HISTORY OF THE ATEBUBU COLLEGE OF EDUCATION1

 MISSION STATEMENT 1

 VISION.....2

 CORE VALUES2

DEFINITION OF TERMS3

ABBREVIATIONS6

1.0 PREAMBLE.....7

2.0 POLICY GOAL 10

3.0 GUIDING PRINCIPLES..... 11

4.0 OBJECTIVES AND THEIR STRATEGIES.....12

5.0 SUPPORTING PROCEDURE..... 16

 5.1. IMPLEMENTATION OF THE POLICY.....16

 5.2. ENVIROMENTAL REGULATIONS19

6.0 STAKEHOLDERS21

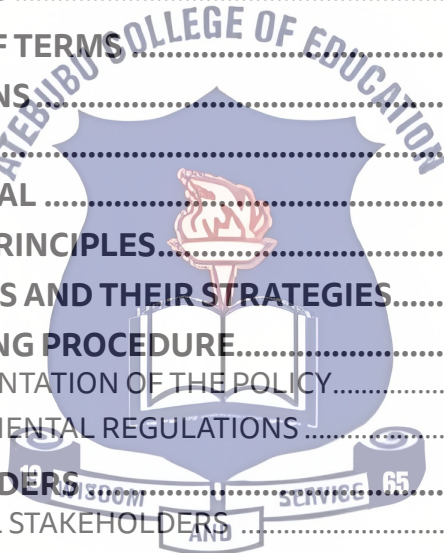
 6.1 INTERNAL STAKEHOLDERS 21

 6.2 EXTERNAL STAKEHOLDERS..... 21

7.0 MONITORING AND EVALUATION.....23

8.0 RESPONSIBILITY FOR IMPLEMENTATION.....24

 8.1 RESPONSIBILITY FOR MONITORING AND COMPLIANCE24



8.2 STATUS	24
8.3 APPROVAL BODY	24
8.4 INITIATING BODY.....	25
8.5 EFFECTIVE DATE OF IMPLEMENTATION	25
8.6 REVIEW DATE	25
9.0 RELATED LEGISLATION	26
9.1 RELATED POLICY AND OTHER DOCUMENTS:	26
9.2 OWNER / SPONSOR.....	26
9.3 AUTHOR.....	26
10.0 FURTHER INFORMATION.....	27
11.0 SOCIAL MEDIA HANDLES.....	28
ANNEXES	29



BRIEF HISTORY OF THE ATEBUBU COLLEGE OF EDUCATION

Atebubu College of Education is a Teacher Education Institution in Atebubu (Atebubu Amantin Municipality), Bono East Region. The College was founded in October 1965. The College was the first second-cycle institution, and the only Teacher Training College in the Eastern Corridor of the then Brong- Ahafo Region, out of which Bono, Bono East and Ahafo Regions were born. The College began with eighty (80) male students and with the passage of the Education Act in 2008, Act 778, the College is now a tertiary institution, affiliated to the University of Cape Coast and currently running 4-year Bachelor in Primary Education, 4-Year Bachelor in Early Grade Education and 4-Year Bachelor in JHS Education programmes. The College has six Academic Departments: Education Studies, Science, Social Sciences, Languages, Mathematics and ICT, and Creative Arts.



MISSION STATEMENT

Atebubu College of Education is committed to a partnership with students, alumni, sister educational institutions, government regulatory bodies and community stakeholders, providing students with the knowledge, practical skills and professional attitudes to become productive citizen in a challenging, technological and diverse world.

VISION

The Igniting minds, beyond borders: Atebubu College of Education’s legacy – a generation of teachers redefining education.

CORE VALUES

The following Core Values are intended to drive the mission, vision and strategic direction of Atebubu College of Education:

- Excellence and Professionalism
- Commitment and Hard Work
- Gender, Equity, and Social Inclusion (GESI)
- Teamwork and Mentorship



DEFINITION OF TERMS

- a. **Leadership:** refers to the people/person(s) who direct (s) and guide(s) the activities of the College
- b. **Management:** this involves the people who are managing the activities of the College i.e., the people connected to the planning, organizing, staffing, directing or leading and controlling the activities of the College to enable the College accomplish its set goals.
- c. **Assessment:** this refers to the systematic process of defining, selecting, designing, collecting, analysing, interpreting and using information to increase students learning and development.
- d. **Monitoring and evaluation:** refers to the process that helps to improve the performance and the achievement of teacher trainees. i.e., improve current and further management of output, outcomes and impact.
- e. **Quality assurance:** systematic process to check performance against expected standards which are related to teaching and learning, governance, effective management and improvement of available resources.
- f. **College environment:** this is described to include the legal land confines on which the College is situated as well as the physical, social and academic environment of the College.
- g. **College infrastructure:** this includes the basic physical structures and facilities of the College such as buildings,

roads, transportations, power and water supplies which supports the operation of the College.

- h. Student's engagement:** refers to the full involvement of teacher trainees in decision making of the College, in the designing of programs and in learning opportunities.
- i. Disability friendly:** to establish building and planning legislation regarding access for disabled people.
- j. Green Building:** construction and renovation practices that prioritize energy efficiency, resource conservation, and indoor environmental quality.
- k. Waste Management:** policies and procedures for reducing, recycling, and properly disposing of waste generated by college activities.
- l. Water Conservation:** efforts to minimize water usage on campus through measures such as efficient irrigation systems, low-flow fixtures, and wastewater recycling.
- m. Biodiversity Preservation:** actions aimed at protecting and enhancing the variety of plant and animal species on campus through habitat restoration, conservation areas, and native landscaping.
- n. Carbon Neutrality:** commitment to balancing carbon emissions with carbon removal or offsetting activities, often achieved through measures like tree planting or investing in renewable energy projects.
- o. Environmental Education:** integration of sustainability principles into the curriculum and campus life to raise awareness and foster a culture of environmental stewardship among students, faculty, and staff.

- p. **Resilience Planning:** strategies to prepare for and adapt to the impacts of climate change, such as extreme weather events, sea level rise, or changing temperatures, to ensure the long-term viability of campus infrastructure and operations.



ABBREVIATIONS

- a. **ERT:** Environmental Response Team
- b. **FRA:** Fire Risk Assessments
- c. **NADMO:** National Disaster Management Organization
- d. **UG:** University of Ghana
- e. **UCC:** University of Cape Coast
- f. **KNUST:** Kwame Nkrumah University of Science and Technology
- g. **EPA:** Environmental Protection Agency



1.0 PREAMBLE

Atebubu College of Education acknowledges the significant impact of both infrastructure development and environmental conservation on the educational experience of students and the overall well-being of the College community. The formulation of Infrastructure and Environmental Policy is anchored in the Environmental Protection Agency Act, 1994 (Act 490), and the Town and Country Planning Act, 2016 (Act 925), which advocate for the sustainable management of natural resources and regulate land use, planning, and development in Ghana. The policy establishes a framework for ensuring structural integrity, sanitation, safety, and environmental considerations within the college's built environment, aligning with the National Building Regulations, 1996 (LI 1630). Furthermore, the policy addresses disaster risk reduction and response in accordance with the National Disaster Management Organization Act, 2016 (Act 927). Positioned as a foundational document, this Infrastructure and Environmental Policy underscores the college's unwavering commitment to responsible infrastructure development and environmental stewardship. The policy encompasses Campus Facilities, Infrastructure Development, Energy and Resource Efficiency, Waste Management, and Environmental Protection.

To ensure the impact of Infrastructural and Environmental Policy in Atebubu College of Education, the development of the

of the policy involved thorough consultations with following sources:

1. Legal guidance was sought to confirm that the Infrastructure and Environmental Policy is in harmony with all pertinent laws and regulations.
2. The College's previous Infrastructural and Environmental Policy was revisited and considered in the formulation process.
3. Infrastructural and Environmental Policy of reputable universities such as UG, UCC, and KNUST were examined for insights and best practices.
4. The Environmental Protection Agency (EPA) Act, 1994 (Act 490) was referenced regarding environmental matters to ensure adherence to environmental standards and regulations.
5. The Town and Country Planning Act, 2016 (Act 925) was referenced to establish a structured and sustainable development framework for proposed projects.
6. The National Building Regulations, 1996 (LI 1630) were consulted for the establishment of standards and guidelines governing construction activities.
7. the National Disaster Management Organization (NADMO) Act, 2016 (Act 927) was consulted to ensure that the Policy addresses disaster risk reduction and response.
8. The Colleges of Education Act 2012 (Act 847) was consulted to align the policy with the statutory framework.

9. Harmonized Statutes for Colleges of Education were consulted for Infrastructure and Environmental Policy.
10. The relevance of the Harmonized Scheme of Service for Colleges of Education to the policy was taken into consideration.
11. Shaping Infrastructural and Environmental Policy also took into account the Harmonized Conditions of Service for Colleges of Education.



2.0 POLICY GOAL

The policy goals of Infrastructure and Environmental Policy typically revolve around creating sustainable, resilient, and efficient systems that support economic development while minimizing negative impacts on the environment.



3.0 GUIDING PRINCIPLES

- i. There shall be an integration of environmentally-friendly practices into the designs, construction, and maintenance of infrastructure, focusing on reducing carbon footprint, conserving resources, and enhancing resilience to climate change.
- ii. There shall be Commitment on the preservation and protection of the natural environment by minimizing disruption to ecosystems, conserving biodiversity, and responsibly managing natural resources within the College premises.
- iii. The College shall ensure compliance with all applicable local, state, and federal laws, regulations, and environmental standards pertaining to infrastructure development and environmental protection, demonstrating a commitment to legal and ethical responsibility.
- iv. Measures to reduce pollution within the College community shall be implemented, including waste management to mitigate its impact on air and water quality, thereby safeguarding the health and well-being of students and staff, and the surrounding environment.
- v. Accountability mechanisms shall be established to monitor and evaluate progress towards achieving infrastructure and environmental objectives, ensuring transparency, responsibility, and continuous improvement in sustainability practices across the

4.0 OBJECTIVES AND THEIR STRATEGIES

The college Shall:

a. Ensure sustainable infrastructure development

- Promote the use of renewable materials, energy-efficient technologies, and green building standards in infrastructure development.

b. Guarantee the preservation and safeguarding of the environment.

- Enforce strict environmental regulations and standards to minimize pollution and habitat destruction associated with infrastructure projects.
- Establish protected areas and conservation easements to safeguard ecologically sensitive areas from development.

c. Reduce Improper Disposal of Waste on College Campus.

- Implement a comprehensive waste management system, including proper segregation, recycling facilities, and regular waste collection schedules.
- Install sufficient number of waste bins and signage to encourage proper disposal and discourage littering.

d. Eliminate Indiscriminate Defecation on the College Campus

- Increase awareness about the importance of using designated restroom facilities and proper sanitation practices through educational campaigns and signage.
- Implement regular maintenance and cleaning schedules for restroom facilities to ensure hygiene and cleanliness.

e. Prevent Unauthorized Falling of Trees

- Develop and enforce campus policies and regulations to protect trees from unauthorized removal or cutting.
- Conduct regular tree assessments and maintenance activities to identify and address potential risks to tree health and safety.

f. Preserve Ecosystem Integrity:

- Implement conservation measures to protect and restore natural habitats, including wetlands, forests, and grasslands, on the college campus.
- Collaborate with environmental organizations and local communities to develop and implement ecosystem restoration projects and habitat enhancement initiatives.

g. Mitigate Air Pollution:

- Implement measures to reduce emissions from campus vehicles, equipment, and buildings, such as switching to electric or hybrid vehicles and upgrading to energy-efficient appliances.

- Monitor air quality levels and implement pollution control measures, such as green buffers and vegetative barriers, to minimize the impact of air pollutants on campus.

h. Prevent Water Pollution

- Implement stormwater management practices, such as permeable pavement and rain gardens, to reduce runoff and filter pollutants before they enter water bodies.
- Educate students, faculty, and staff about the importance of proper disposal of hazardous materials and chemicals to prevent contamination of water sources.

i. Combat Deforestation

- Develop and implement a campus tree planting and reforestation program to offset carbon emissions and enhance green spaces.
- Establish policies and guidelines for sustainable land management practices, including tree conservation and afforestation efforts.

J. Integrate Environmental Justice and Equity

- Conduct assessments to identify and address environmental justice concerns, ensuring that vulnerable and marginalized communities are not disproportionately affected by campus development projects.

K. Engage with local communities and stakeholders to understand their needs and priorities, and incorporate

their perspectives into decision-making processes regarding environmental policies and initiatives.

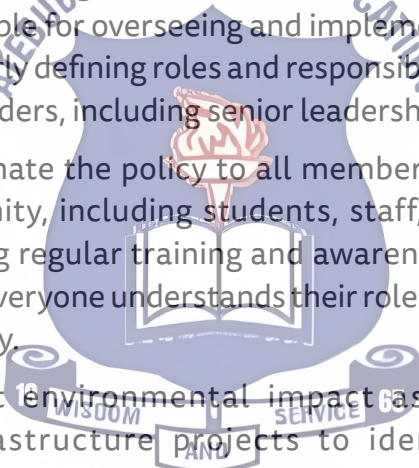
- Provide resources and support for community-based initiatives that promote environmental justice, equity, and access to environmental benefits and services.
- Offer educational and outreach programs focused on environmental justice issues to raise awareness and empower students to advocate for social and environmental justice both on and off campus



5.0 SUPPORTING PROCEDURE

5.1. IMPLEMENTATION OF THE POLICY

The following procedures will ensure that the College community understands its roles and responsibilities in achieving the objectives of the policy. The college shall:

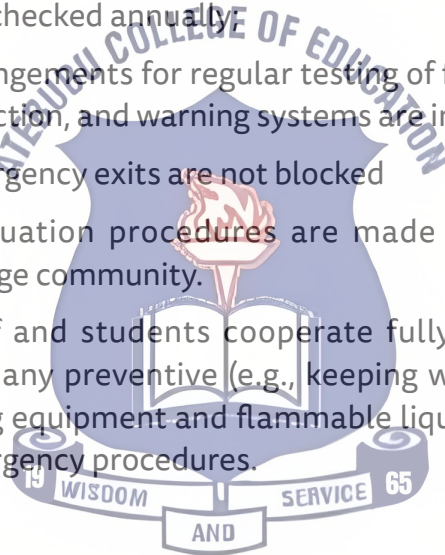
- 
- i. Appoint a designated environmental officer/committee responsible for overseeing and implementing the policy and clearly defining roles and responsibilities for various stakeholders, including senior leadership.
 - ii. Disseminate the policy to all members of the College community, including students, staff, and visitors by providing regular training and awareness programs to ensure everyone understands their role in implementing the policy.
 - iii. Conduct environmental impact assessments for all infrastructure projects to identify potential environmental impacts and recommend mitigation measures by collaborating with environmental consultants and specialists.
 - iv. Implement energy conservation measures, improve energy efficiency, and monitor energy usage.
 - v. Promote water conservation practices and technologies, such as the storage of water in tanks rainwater harvesting systems, and efficient irrigation methods.

- vi. Establish waste reduction initiatives, recycling programmes, and proper waste disposal practices. Ensure the placement of recycling bins and educate the community on waste management.
- vii. Implement measures to protect local ecosystems, and natural resources within and around the campus. This may include habitat restoration and conservation initiatives.
- viii. Integrate environmental education into the curriculum and create awareness campaigns to inform and engage the College community about responsible environmental practices.
- ix. Engage with the local community, environmental organizations, and government agencies to foster a sense of shared responsibility and collaboration on environmental stewardship.
- x. Develop and test emergency response plans that consider potential environmental hazards and establish an Environmental Response Team (ERT) to handle environmental emergencies.
- xi. Conduct regular environmental audits to assess the College's environmental performance, identify areas for improvement, and track progress toward sustainability goals.
- xii. Implement strategies for conserving natural resources, such as water and energy, and promote efficient resource use throughout the campus.
- xiii. Establish relationships with external environmental resources, including local environmental organizations,

government agencies, and sustainability experts, to seek guidance and support.

xiv. Implement all fire prevention, precautionary, and management of fire safety measures to remove or reduce the likelihood of a fire occurring. The college Fire Prevention Unit will make sure that:

- a. Fire Risk Assessments (FRA) are completed for all premises;
- b. Fire extinguishers are sited correctly, maintained, and checked annually;
- c. Arrangements for regular testing of fire alarms, fire detection, and warning systems are in place;
- d. Emergency exits are not blocked;
- e. Evacuation procedures are made known to the college community.
- f. Staff and students cooperate fully in complying with any preventive (e.g., keeping walkways clear, using equipment and flammable liquids safely) and emergency procedures.



5.2. ENVIROMENTAL REGULATIONS

The following regulations have been instituted to tackle environmental issues on the college campus. Engaging in any of the following actions is prohibited. These regulations are designed to encourage responsible conduct, alleviate environmental harm, and safeguard natural resources within the campus community.

- i. The College staff are strictly prohibited from using college-owned resources to participate in any activity that violates local, state, or international laws.
- i. Improper disposal of waste on College campus
- ii. Indiscriminate defecation on the College campus
- iii. Unauthorized falling of trees
- iv. Destruction of the ecosystem
- v. Air Pollution
- vi. Water Pollution
- vii. Deforestation
- viii. Habitat Destruction

Sanction: Fines/disciplinary actions/suspension depending on the severity

Fire Safety

- i. Deliberate tampering with fire safety equipment unnecessary, such as fire extinguishers or smoke detectors.

Sanction: Fines/disciplinary actions/suspension depending on the severity.

- ii. Deliberately causing fires or engaging in activities that can harm people, property, or the environment, is dangerous and goes against the principles of safety and community well-being.

Sanction: Fines/dismissal/suspension depending on the severity.



6.0 STAKEHOLDERS

6.1 INTERNAL STAKEHOLDERS

College Governing Council - oversees the formulation, approval and the implementation of the policy.

Academic Board- They are responsible for developing and implementing environmental policies, allocating resources, and ensuring compliance with regulations. They set the overall direction for the college's environmental initiatives.

Department and Staff: They play a crucial role in integrating environmental education and sustainability practices into the curriculum and daily operations of the college. They may also participate in environmental committees or initiatives.

Students: Students are important stakeholders as they are directly impacted by the college's environmental policies and practices. They may advocate for sustainability initiatives, participate in campus sustainability projects, and engage in environmental education and awareness activities.

6.2 EXTERNAL STAKEHOLDERS

Local Community: They may be affected by the college's environmental policies regarding issues like pollution and deforestation. Their input can provide valuable insights into the local environmental context.

Government Agencies: Environmental protection agencies may regulate and monitor the college's compliance with environmental laws and regulations. They ensure that the college's policies align with broader environmental objectives.

Environmental Organizations: NGOs and advocacy groups focused on environmental conservation may collaborate with the college to support and promote sustainable policies. They can offer expertise, resources, and advocacy for environmental initiatives.

Neighbouring Businesses: Nearby businesses may be impacted by the college's environmental practices, such as waste management or pollution control measures. Collaboration with these stakeholders can foster a supportive local environment for sustainable practices.

Contractors and Suppliers: Companies providing services or resources related to infrastructure projects or environmental initiatives at the college.

Industry Partners: Businesses or organizations collaborating with the college on research, development, or implementation of infrastructure and environmental solutions.

Local Community: Residents and community groups surrounding the college campus who may be affected by environmental impacts or infrastructure developments.

7.0 MONITORING AND EVALUATION

The monitoring and evaluation of this policy shall be overseen by the following:

- i. Central Management- Governing Council
- ii. Middle Management - College Management
- iii. Lower Management- Heads of Department



8.0 RESPONSIBILITY FOR IMPLEMENTATION

The overall responsibility for the implementation of the Infrastructure Policy is vested in the College Governing Council.

The College Principal and Academic Board shall be responsible for the day-to-day administration and implementation of this policy.

8.1 RESPONSIBILITY FOR MONITORING AND COMPLIANCE

The College Principal, Quality Assurance, and Estate Officer shall be delegated to ensure the compliance, monitoring, and evaluation of the effectiveness of the policy.

8.2 STATUS

Draft, revisions, and approval of the policy shall be enforced by the College Governing Council. The implementation of the latest version of this policy supersedes all previous versions of this policy.

8.3 APPROVAL BODY

The College Governing Council

8.4 INITIATING BODY

The Quality Assurance Unit

8.5 EFFECTIVE DATE OF IMPLEMENTATION

1st January, 2024

8.6 REVIEW DATE

Three (3) years from the effective date (January, 2024 to January, 2027)



9.0 RELATED LEGISLATION

Colleges of Education Act 2012 Act (847)

9.1 RELATED POLICY AND OTHER DOCUMENTS:

Harmonized Statutes for Colleges of Education

Harmonized Scheme of Service for Colleges of Education

Harmonized Condition of Service for Colleges of Education

9.2 OWNER / SPONSOR

College Principal

9.3 AUTHOR

College Principal



10.0 FURTHER INFORMATION

Contact the College Principal for any further information regarding this policy document as and when necessary:

The Principal

Atebubu College of Education

P. O. Box 29

Atebubu

Bono East Region

principal@atecoe.edu.gh



11.0 SOCIAL MEDIA HANDLES

The following are the official social media handles of the College:

- i. Facebook-Atebubu College of Education
- ii. X-@atecoe_official
- iii. Instagram-@atecoe_official
- iv. YouTube-@Atebubu College of Education
- v. WhatsApp line-0200288320



ANNEXES

OTHER SUPPORTING DOCUMENTS RELATED TO INFRASTRUCTURE AND ENVIRONMENTAL POLICY

- 1. Environmental Impact Assessment:** Detailed assessments of the potential environmental impacts of infrastructure projects or policy implementations, including methodologies, data, and findings.
- 2. Waste Management Plan:** Strategies and procedures for managing waste generated by College activities, including recycling, composting, and hazardous waste disposal.
- 3. Energy Management Plan:** Plans for reducing energy consumption, increasing energy efficiency, and incorporating renewable energy sources into college operations.
- 4. Water Management Plan:** Strategies for conserving water, managing stormwater runoff, and protecting water quality on campus.
- 5. Transportation Plan:** Policies and initiatives aimed at reducing carbon emissions, promoting alternative transportation methods (such as biking or public transit), and managing parking and traffic flow.
- 6. Green Building Standards:** Guidelines for incorporating sustainable design principles into new construction and renovation projects, including energy-efficient building

materials, water-saving fixtures, and indoor air quality standards.

7. **Biodiversity Conservation Plan:** Strategies for preserving and enhancing biodiversity on College campuses, including habitat restoration, native landscaping, and wildlife conservation efforts.
8. **Emergency Response Plan:** Procedures for responding to environmental emergencies, such as chemical spills, natural disasters, or outbreaks of communicable diseases, to minimize harm to people and the environment.
9. **Monitoring and Reporting Protocols:** Protocols for monitoring and assessing the effectiveness of the policy implementation, including data collection methods, performance indicators, and reporting requirements.
10. **Stakeholder Engagement Plan:** Strategies for engaging internal and external stakeholders in the development, implementation, and evaluation of the policy, including communication plans, feedback mechanisms, and stakeholder outreach activities.

