



# Nigerian Institution of Environmental Engineers

a division of

The Nigerian Society of Engineers

OYO STATE CHAPTER

*Special Edition · June, 2026*

WORLD ENVIRONMENT DAY

# 2026 NEWSLETTER

**Urbanization and Climate Change: Building Resilient  
Cities for a Sustainable Future**

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## AT A GLANCE

## World Environment Day 2026 in Oyo State

8

Activities

398+

Participants recorded

190

At the flagship lecture

20

Schools in the essay stage

5

Mosques, Jumaat services

1,000

Trees committed by Oyo State

3

Universities in the programme

6

Whitepaper focus areas

5

Legislative priorities

Participant total is the sum of attendance figures reported for each activity (the Jumaat services are counted at their reported "over 100").

## OVERVIEW

# A fortnight of action for a greener Oyo State

25 May – 6 June 2026 · Ibadan, Ogbomoso and Eruwa



*Participants and dignitaries at the World Environment Day lecture, Lead City University, Ibadan.*

The Nigerian Institution of Environmental Engineers (NIEE), Oyo State Chapter, commemorated World Environment Day 2026 with a series of activities on environmental sustainability, climate change mitigation, urban resilience and public awareness. They included a technical lecture with the Nigerian Society of Engineers (NSE) Ibadan Branch, a courtesy visit to the Commissioner for Environment and Natural Resources, special church and Jumaat services, the Engr. Bolarinwa James Olowe 3rd Inter-Secondary Schools Competition, a television media chat, a lecture with Lead City University, and a technical visit to the University of Ibadan Water Works.

## 1,000

**Trees for Oyo State.** A major outcome of the programme was the commitment by the Oyo State Government to support the planting of 1,000 trees across the state as a climate change mitigation measure.

The programmes raised public awareness of nature-based solutions for sustainable urban infrastructure, promoted climate change adaptation and mitigation, carried the environmental message through faith-based platforms, and strengthened environmental education among secondary school students. They also stressed the value of reducing, reusing and recycling waste, and showed how climate change affects water resources and urban development.

**Who took part.** The Commissioner for Environment and Natural Resources; the Permanent Secretary, Oyo State Civil Service; academic leaders and researchers from Lead City University, the University of Ibadan and Babcock University; engineers and environmental professionals; media practitioners; religious and community leaders; school administrators, teachers, parents and students; and private-sector representatives.

## THE PROGRAMME

# The fortnight at a glance

Eight activities, thirteen days, five faith and campus communities

**25**  
MAY

**Technical Lecture with NSE Ibadan Branch**

NSE Ibadan Branch Secretariat, Kolapo Ishola Estate, Ibadan

**26**  
PEOPLE

**26**  
MAY

**Courtesy Visit to the Commissioner for Environment and Natural Resources**

Oyo State Ministry of Environment, Ibadan

**8**  
PEOPLE

**31**  
MAY

**Special Church Service / Thanksgiving**

RCCG Oyo Province 12, UI-Ojoo Road, Ibadan

**11**  
PEOPLE

**4**  
JUNE

**3rd Engr. Bolarinwa James Olowe Inter-Secondary Schools Competition**

CPEEL Lecture Hall, Faculty of Technology, University of Ibadan

**40**  
PEOPLE

**5**  
JUNE

**Media Chat on AM120, BCOS Television**

Broadcasting Corporation of Oyo State, Ibadan

**3**  
PEOPLE

**5**  
JUNE

**Special Jumaat Services in five mosques**

Ibadan, Eruwa and Ogbomoso

**100+**  
PEOPLE

**6**  
JUNE

**World Environment Day Lecture with Lead City University**

International Conference Centre, Lead City University, Ibadan

**190**  
PEOPLE

**6**  
JUNE

**Technical Visit to University of Ibadan Water Works**

University of Ibadan Water Works

**20**  
PEOPLE

25th May, 2026

# Technical Lecture with NSE Ibadan Branch

Nature-Based Solutions for Modern Urban Infrastructure

## VENUE

NSE Ibadan Branch Secretariat, Kolapo Ishola Estate, Ibadan

## PARTICIPANTS

26



*Members and guests at the NSE Ibadan Branch monthly technical session.*

The monthly technical session of the NSE Ibadan Branch was hosted by NIEE Oyo State Chapter in commemoration of World Environment Day 2026. The lecture, **“The Greener Grid: Integrating Nature-Based Solutions into Modern Urban Infrastructure”**, was delivered by Engr. Dr. I. E. Olorunfemi of the Department of Civil Engineering, Lead City University, Ibadan.



## Key outcome

Nature-based solutions are a way forward for sustainable modern urban infrastructure.

## Stakeholder present

Engr. Mrs. Raheemat Adebanija, FNSE, Permanent Secretary, Oyo State Civil Service.

**Challenge:** Low turnout of members, owing to insecurity in Oyo State.

26th May, 2026

# Courtesy visit to the Commissioner for Environment and Natural Resources

Climate Change Mitigation (Tree Planting)

## VENUE

Oyo State Ministry of Environment, Ibadan

## PARTICIPANTS

8



The Chapter delegation with the Honourable Commissioner and the Director, Ministry of Environment.

A courtesy visit was paid to the Commissioner for Environment and Natural Resources at the Oyo State Ministry of Environment in Ibadan. The discussion centred on planting 1,000 trees across the state to mitigate climate change.

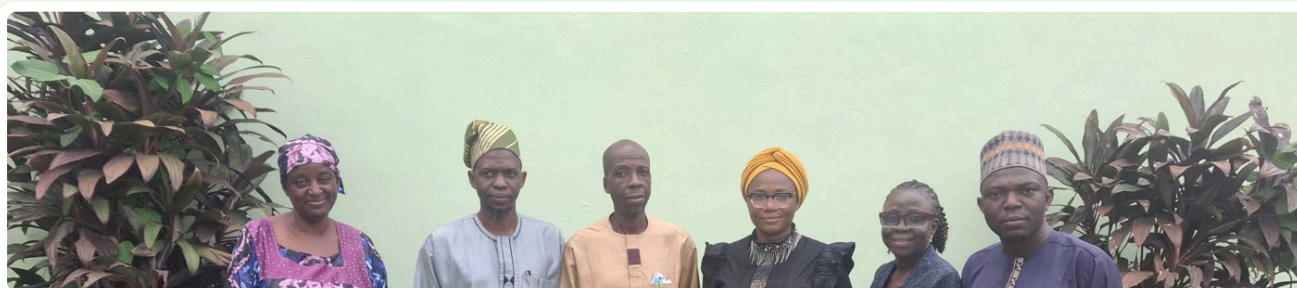
**Stakeholders present:** The Honourable Commissioner for Environment and Natural Resources and the Director, Ministry of Environment.

**Challenge:** A bureaucratic bottleneck in securing an appointment with the Commissioner.

# 1,000

## trees across Oyo State

The visit produced the commitment that shaped the rest of the programme: government support for a state-wide tree-planting effort as a climate change mitigation measure. The pledge was reaffirmed at the World Environment Day lecture on 6th June.



Chapter members after the meeting at the Ministry.

## FAITH AND ENVIRONMENT

# Sustainability from the pulpit and the minbar

## Maintenance of a Sustainable Environment



Worshippers and Chapter members at RCCG Oyo Province 12.

31st May, 2026

## Special church service

Held at The Redeemed Christian Church of God, Oyo Province 12, UI-Ojoo Road, Ibadan, the service was influenced by the Chapter to mark World Environment Day 2026. The Pastor preached on maintaining a sustainable environment according to scripture.

**11 participants** · Pastors, engineers, community leaders

**Outcome (both services):** Scriptural support for maintaining a sustainable environment.

5th June, 2026

## Special Jumaat services

Special Jumaat services were influenced by the Chapter in five mosques, where Imams preached on the maintenance of a sustainable environment in line with the Holy Quran. **Over 100 participants** including Imams, professors, politicians, engineers and community leaders.

Lead City University Mosque, Ibadan

University of Ibadan Central Mosque

The Polytechnic Ibadan Mosque

Adeseun Ogundoyin Polytechnic Mosque, Eruwa

LAUTECH Central Mosque, Ogbomoso



Jumaat service banners and Chapter members at participating mosques.

4th June, 2026

# Engr. Bolarinwa James Olowe 3rd Inter-Secondary Schools Competition

Nature-Inspired Solution for a Climate-Resilient Nigeria

Nigerian Institution of Environmental Engineers  
CHAPTER  
OYO STATE  
(A DIVISION OF THE NIGERIAN SOCIETY OF ENGINEERS)

Engr. Bolarinwa James Olowe  
3RD INTER SECONDARY  
SCHOOLS COMPETITION FOR  
SCHOOLS IN OYO STATE

TOPIC  
**Nature-Inspired  
Solutions for a Climate-  
Resilient Nigeria**

**04**  
JUNE 2026  
**10AM**

1ST POSITION  
**100K**  
2ND POSITION  
**75K**  
3RD POSITION  
**50K**

+234 701 752 4750

## VENUE

CPEEL Lecture Hall, Faculty of Technology, University of Ibadan

## PARTICIPANTS

40

The 3rd Inter-Secondary Schools Competition for Oyo State, named after Engr. Bolarinwa James Olowe, NIEE Board of Trustees Chair, drew **twenty** schools to the essay stage. **Five** reached the final round of oral presentations.

## The five finalists

- Al-Qalam Schools, Ibadan
- Abadina College Senior
- Mimbar College
- As-Sabbaq (Pioneer) College, Ibadan
- Oluyoro Girls' Grammar School, Ibadan

Nigerian Institution of Environmental Engineers  
OYO STATE CHAPTER  
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Engr. Bolarinwa James Olowe  
3RD INTER SECONDARY  
SCHOOLS COMPETITION FOR  
SCHOOLS IN OYO STATE

VENUE  
CPEEL Lecture  
Room, Dr.  
Emmanuel  
Egbogah  
Center for  
Petroleum  
Engineering,  
Faculty of  
Technology,  
University of  
Ibadan

**Meet Our Finalists**

1. Imran Azeemah - Al-Qalam Schools Ibadan
2. Adasina Ibrahim - Abadina College Senior
3. Akinlabi Muhammad Akinwande - Mimbar College
4. Lateef Sali - As-Sabbaq (Pioneer) College, Ibadan
5. Oyewumi Toniwa Christiana - Oluyoro Girls' Grammar School, Ibadan

DATE  
Thur. 4th  
June 2026

TIME  
10:00  
AM

TOPIC  
**Nature-Inspired Solutions for a  
Climate-Resilient Nigeria**

+234 701 752 4750

## Prizes

|                 |                     |
|-----------------|---------------------|
| 1st position    | <b>₦100,000</b>     |
| 2nd position    | <b>₦75,000</b>      |
| 3rd position    | <b>₦50,000</b>      |
| Other finalists | <b>₦20,000 each</b> |

## Key outcome

Nature-inspired solutions are the way to a climate-resilient Nigeria.

**Challenge:** Low participation, because public secondary schools were closed following a kidnapping incident in Oyo State.

## SCHOOLS COMPETITION · GALLERY

# Young voices, big ideas

Essays, oral presentations and a proud prize-giving



*Winners and dignitaries at the prize presentation.*



*Presentation of awards to the finalists.*



*Pupils, teachers and guests outside the venue.*



*Audience of pupils, teachers and parents.*



*Attentive participants during the oral round.*

**Stakeholders present:** Engr. Bola Olowe (NIEE BOT Chair), Engr. Naheem Raji (MD/CEO, Planover Engineering), school managers, parents and teachers.

5th June, 2026

## Media chat on BCOS Television

### Climate Change Adaptation and Mitigation in Oyo State

On behalf of NIEE, the Immediate Past Chairman of the Oyo State Chapter, **Prof. Wasiu Ajagbe**, appeared on the programme **AM120** on the Broadcasting Corporation of Oyo State (BCOS), Ibadan, to speak on climate change adaptation and mitigation in the state.

**Participants:** 3 · Media experts

**Key outcome:** Reducing, reusing and recycling help to mitigate climate change.

**Video:** [facebook.com/bcostv](https://facebook.com/bcostv)



*In the BCOS studio for AM120.*



6th June, 2026

## Technical visit to the University of Ibadan Water Works

### Climate Change



*Engineers and professors at the University of Ibadan Water Works.*

A technical visit was made to the University of Ibadan Water Works to see at first hand how climate change bears on water supply.

**Participants:** 20 · Professors and engineers

**Key outcome:** Climate change affects water supply.

6th June, 2026

# Flagship World Environment Day Lecture

Urbanization and Climate Change: Strategic Planning for Building Resilient Cities

## VENUE

International Conference Centre, Lead City University, Ibadan

## PARTICIPANTS

190



*A packed hall at the International Conference Centre.*

Organised with the Department of Environmental Health Science, Lead City University, the lecture featured three speakers:

### Engr. Prof. Adelere Ezekiel Adeniran

Dean, Faculty of Engineering,  
Babcock University, Ilesan-Remo

### Dr. Shade J. Akinsete

Dept. of Environmental Health  
Sciences, University of Ibadan

### Dr. Adeola Alex Adesuyi

Sustainability Operation  
Manager, British American  
Tobacco Nigeria

**Present:** Engr. Ademola Aderinto, Commissioner for Environment of Oyo State; Prof. Kabiru Aderemi Adeyemo, Vice-Chancellor, Lead City University; and other dignitaries.



*Group photograph of dignitaries and organisers.*



*Participants following the presentations.*

**Key outcome:** The Oyo State Government will plant 1,000 trees across the state to mitigate the effects of climate change.

## POLICY

# Whitepaper inputs

Recommendations of NIEE Oyo State Chapter for the National Environmental Whitepaper (1 of 2)

## A Climate Change and Urbanization

- Mainstream climate resilience and adaptation into national, state and local urban planning frameworks.
- Promote climate-smart infrastructure, sustainable drainage and green building in fast-urbanizing areas.
- Strengthen urban flood risk assessment, early warning systems and disaster preparedness.
- Encourage low-carbon construction materials and technologies in public and private projects.

## B Clean Energy Transition

- Accelerate investment in renewable energy, particularly solar and biomass.
- Provide incentives for households, industries and institutions to adopt clean energy.
- Promote energy efficiency standards in buildings, transport and industry.
- Support research, innovation and local manufacturing of renewable energy technologies.

## C Sustainable Waste Management and Circular Economy

- Strengthen waste segregation, collection, recycling and resource recovery across urban and rural communities.
- Convert agricultural, industrial and municipal waste into value-added products and construction materials.
- Promote extended producer responsibility (EPR) and circular economy principles.
- Develop waste-to-energy initiatives where environmentally and economically feasible.

## D Nature-Based Solutions

- Integrate nature-based solutions into urban development to address flooding, heat stress, erosion and biodiversity loss.
- Expand afforestation, reforestation and urban greening programmes nationwide.
- Protect and restore wetlands, watersheds and other critical ecosystems.
- Encourage green roofs, permeable pavements and urban parks.

## POLICY

# Whitepaper inputs

Recommendations of NIEE Oyo State Chapter for the National Environmental Whitepaper (2 of 2)

## E Environmental Education and Public Awareness

- Strengthen environmental education from primary to tertiary level.
- Institutionalize environmental competitions, campaigns and community engagement.
- Use traditional, digital and social media to raise awareness of climate change.
- Build partnerships among government, academia, professional bodies, faith-based organizations and civil society.

## F Climate Policy and Governance

- Enhance coordination among ministries, agencies, professional bodies and stakeholders.
- Strengthen enforcement of environmental regulations and climate commitments at all levels.
- Establish robust monitoring, reporting and verification (MRV) systems.
- Increase funding for adaptation, mitigation, research and capacity building, with transparency and accountability.

## Legislative reforms recommended

- i Climate-resilient infrastructure and urban development.
- ii Climate-inclusive Environmental Impact Assessment processes.
- iii Circular economy and sustainable waste management.
- iv Nature-based solutions, urban forestry and ecosystem restoration.
- v Stronger environmental compliance, monitoring and enforcement mechanisms.

## CHAPTER INPUT

# The Chapter's voice: six key questions

Oyo State Chapter responses to the national consultation

1

## Most significant climate-related challenge

Increasing extreme weather, particularly flooding, urban heat stress and erratic rainfall, compounded by rapid urbanization, poor drainage, deforestation and inadequate waste management.

2

## Most vulnerable urban infrastructure

Drainage and stormwater systems, roads, bridges, water supply and low-lying settlements in fast-growing areas such as Ibadan. Inadequate design capacity and poor maintenance raise the risk.

3

## Environmental policy gaps in the State

Weak integration of climate considerations into physical planning, limited enforcement, insufficient waste segregation and recycling policies, poor coordination among agencies, and no strong framework for nature-based solutions and urban greening.

4

## Interventions government should prioritize

Urban drainage rehabilitation and expansion, large-scale afforestation and greening, climate-resilient roads and housing, circular-economy waste systems, stronger monitoring and enforcement, early warning systems and climate risk mapping.

5

## Legislative actions needed nationally

A climate-resilient infrastructure law, EIA regulations that include climate risk, extended producer responsibility, a national framework for nature-based solutions and urban forestry, and higher penalties for violations.

6

## Local solutions Nigeria can replicate

Nature-based urban planning (tree planting and green spaces already promoted in Oyo State), faith-based and school-based awareness campaigns, youth environmental competitions, and multi-stakeholder platforms of government, academia, professional bodies and civil society.

## CLOSING

## Challenges and the way forward

### Challenges encountered

- Low turnout at the technical lecture because of insecurity in Oyo State.
- A bureaucratic bottleneck in securing an appointment with the Commissioner.
- Low participation in the schools competition, as public secondary schools were closed after a kidnapping.

### What we achieved

- A government commitment to plant 1,000 trees.
- Wider awareness of nature-based solutions.
- Environmental messages carried by churches and mosques.
- A stronger schools programme and media presence.

## Recommendations arising

Scale up tree-planting initiatives across Oyo State.

Integrate nature-based solutions into urban planning and infrastructure development.

Strengthen climate change education and environmental awareness campaigns.

Promote waste reduction, reuse and recycling.

Foster collaboration among government, academia, industry and communities.

Keep stakeholders engaged continuously, to build climate-resilient and sustainable cities and communities.

## With thanks

The Chapter thanks the Commissioner for Environment and Natural Resources and the staff of the Oyo State Ministry of Environment; the Permanent Secretary, Oyo State Civil Service; NSE Ibadan Branch; Lead City University and its Department of Environmental Health Science; the University of Ibadan; Babcock University; The Redeemed Christian Church of God, Oyo Province 12; the Imams and mosques that hosted the Jumaat services; the Broadcasting Corporation of Oyo State; Engr. Bolarinwa James Olowe, Engr. Naheem Raji and Planover Engineering; the participating schools, teachers and parents; and every member and volunteer who made the fortnight possible.



# Nigerian Institution of Environmental Engineers

OYO STATE CHAPTER

## THANK YOU

*for standing with the environment*

**Urbanization and Climate Change:  
Building Resilient Cities for a Sustainable Future**

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