



Event Report

Theme: Space and Climate Change

Date: 4th–10th October 2024 **Organizer:** Space Clubs LASU

Event Lead: Sylvester Agose, President, Space Clubs LASU

Introduction

World Space Week 2024 at Lagos State University (LASU) was an inspiring and successful series of events organized by Space Clubs LASU, with the global theme "Space and Climate Change." The program featured a diverse set of activities, including webinars, interactive discussions, movie screenings, and volunteer opportunities. The aim was to educate students and the community on the role of space technologies in combating climate change and how the African space industry can contribute to these solutions.

This report highlights the key events, participation statistics, contributions of volunteers and partners, and the overall impact of World Space Week 2024.

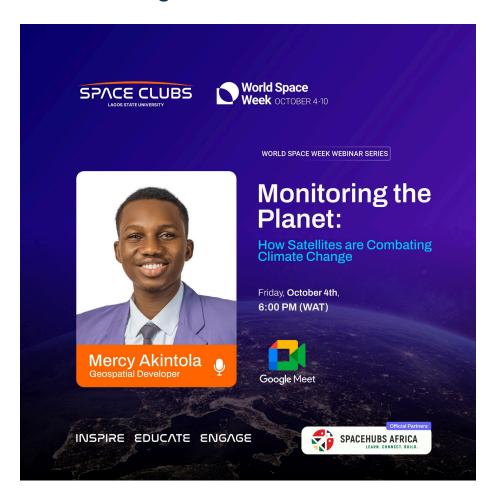




Event Overview

Webinar 1:

Monitoring the Planet: How Satellites are Combating Climate Change



Date: 5th October 2024

Attendees: 57 participants (out of 70 registered)

Speaker: Mercy Akintola, GIS Professional

 Summary: This webinar delved into the use of satellite technologies in monitoring environmental changes, predicting natural disasters, and contributing to global efforts against climate change. Key insights included the role of data from satellites in environmental research and actionable solutions for policymakers.





2. **Webinar 2:**

The Future of Climate-Smart Agriculture: Leveraging Drones for Sustainable Farming



o Date: 8th October 2024

Attendees: 33 participants (out of 50 registered)

Speaker: Femi Adekoya, Founder/CEO, Integrated Aerial Precision.

Summary: This webinar focused on how drones and other space-based technologies can transform agriculture in Africa. Discussions emphasized precision agriculture, sustainability, and innovative farming techniques, all geared toward mitigating the effects of climate change.





3. Movie Night: Geostorm



Date: 7th October 2024Attendees: 69 participants

 Summary: Geostorm was screened as part of our Space Week activities. The film sparked conversations about climate change, human intervention, and the need for space technologies to protect the Earth from environmental disasters.





4. Call for Articles

During World Space Week 2024, we launched a **Call for Articles** to engage students and experts in sharing their thoughts and knowledge on this year's theme, **"Space and Climate Change."** We received several impressive entries that provided unique insights into how space technology can address climate challenges in Nigeria and beyond.







Volunteer Involvement and Community Support

A total of 25 students volunteered during World Space Week, assisting with event coordination, social media outreach, and participant management. Their efforts helped ensure the seamless execution of all events.

Charging Stations Initiative: As an additional contribution to the LASU community, Space Clubs provided charging spaces for students to power their devices during a 3-week electricity outage on campus. This initiative was well-received and greatly appreciated by students.





Key Outcomes and Impact

- Student Engagement: We recorded over 150 participants across all events, indicating strong student interest in space-related topics and climate change. Attendees showed enthusiasm for space technologies and were particularly engaged during interactive Q&A sessions with speakers.
- **Increased Awareness:** Our webinars highlighted the relevance of space technologies in addressing local and global issues, particularly around agriculture, environmental conservation, and climate monitoring. Feedback indicated that students gained a better understanding of how space initiatives can directly impact their communities.
- Community Building: The event brought together students, staff, and external
 partners, strengthening the ties within the space and academic community at LASU.
 This reinforces Space Clubs' mission to inspire, educate, and engage the next
 generation of space enthusiasts and professionals.





Special Mentions and Acknowledgments

We are immensely grateful to:

- Mercy Akintola and Femi Adekoya, for sharing their expertise and insights during our webinars.
- Spacehubs Africa and Integrated Aerial Precision, for their support in promoting and enhancing the event's reach.
- **Nelly-Helen Ebruka and Victor Adeleke,** for their continuous guidance throughout the planning and execution phases.
- Our incredible volunteers played a critical role in ensuring the success of World Space Week.

A special thank you to **Spacehubs Africa**, our partnership collaborator, for helping bring this event to life.





Lessons Learned and Future Opportunities

World Space Week 2024 provided valuable insights into the logistics of organizing multi-day events and managing diverse activities. It highlighted the importance of early planning, consistent communication, and teamwork in delivering successful events. Moving forward, we aim to:

- Increase outreach to more students across all faculties.
- Collaborate with more space organizations for future events.
- Expand volunteer opportunities to foster more hands-on engagement.





Conclusion

World Space Week 2024 was an enriching and impactful event that brought attention to the intersection of space technology and climate change. It not only educated participants but also fostered a stronger community of space enthusiasts within LASU. We look forward to building on this success in future editions and continuing to promote space education and innovation in Nigeria.

Prepared by:

Sylvester Agose President, Space Clubs LASU **Date:** 20th October 2024



