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# **Building Partnerships in Africa: Challenges & Opportunities**

**AIEA 2010**

**February 13, 2010**

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# Challenges

- 1. Technology**
- 2. Infrastructure**
- 3. Bureaucracy**
- 4. Investment**
- 5. Grantsmanship**



# Opportunities

## Natural Resources



## Environment



## People

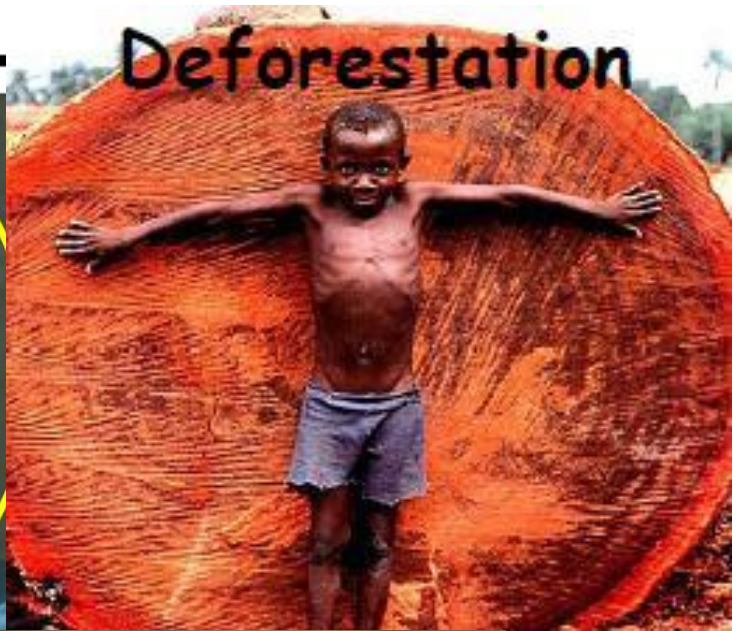
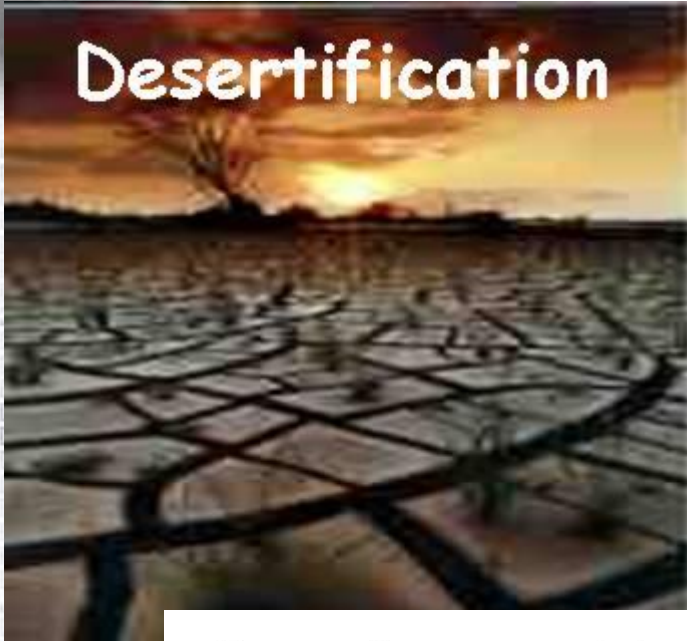
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# Africa's Debacle



**Population Explosion**

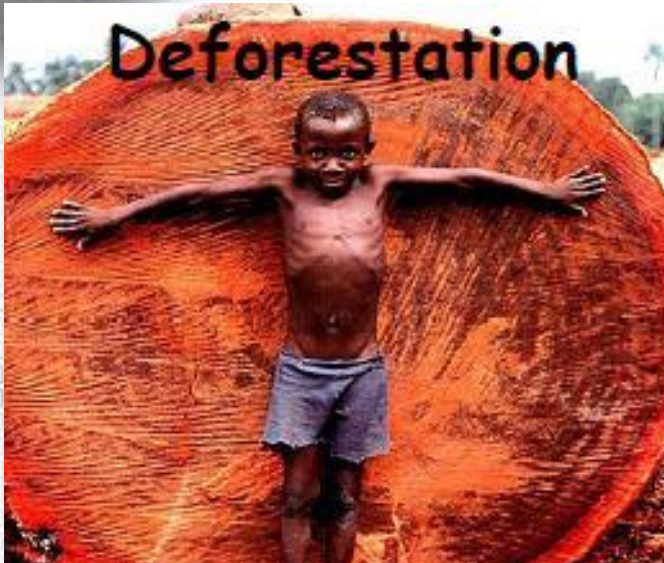


**Pollution**





# Tackle Critical Global Challenges



- Global Poverty
- Global Health
- Environmental Sustainability
- Climate Change & Adaptation
- Food Security
- Energy Security
- Social Justice
- Migration & Immigration
- Population Growth
- Children, Youth, & Family Issues
- Education & Literacy



# AESEDA



Alliance for Education, Science, Engineering, and Development in Africa

Multidisciplinary, collaborative approach to:

- Promote Stewardship of Georesources
- Develop Human Capital
- Encourage Economic Vitality



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# AESEDA Partners

## U.S. Partners

- Howard University
- Jackson State University

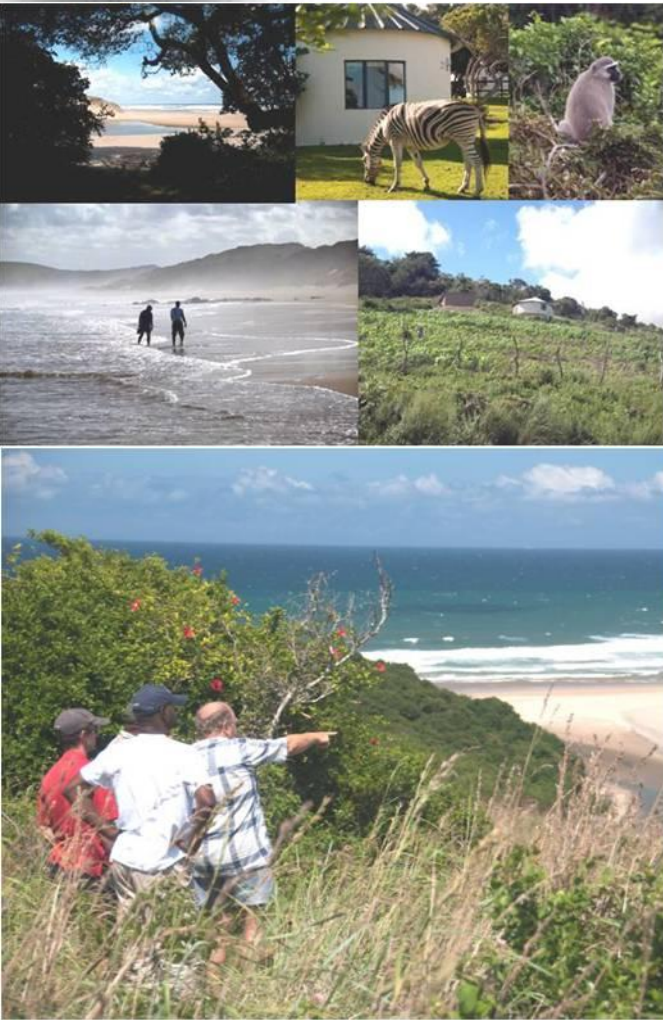
## African Partners

- University of Ibadan (Nigeria)
- University of Lagos (Nigeria)
- Niger Delta University (Nigeria)
- University of the Witwatersrand (South Africa)
- University of Cape Town (South Africa)
- Agostinho Neto University (Angola)
- Addis Ababa University (Ethiopia)
- University of Mines & Technology (Ghana)
- KwameNkrumah Univ. of Science & Technology (Ghana)
  
- African Centre for Technology Studies (Kenya)
- Nigerian Academy of Science (Nigeria)
- National Agency for Science and Engineering Infrastructure (Nigeria)
  
- National Universities Commission (Nigeria)
- Geological Survey of Nigeria
- Ministry of Agriculture (Nigeria)
- Ministry of Mines (Mali)





# Parks & People Project



Multidisciplinary research, teaching, & service for:

- Ecosystem Management
- Community Engagement
- Poverty Alleviation
- Public Awareness
- Human Capital Development
- Environmental Protection
- Health, Water, & Food Security





*Questions?*

*Comments?*