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Institute for Environment Research and Development (IERD)

In collaboration with

College of Environmental Sciences

Bells University of Technology, Ota

Announces

2012

INTERNATIONAL CONFERENCE

ON

SUSTAINABLE DEVELOPMENT AND ENVIRONMENTAL PROTECTION:

Clean Technology Development and Environmental Sustainability for Developing Nations

March 20-22, 2012



Bells University of Technology, Ota near Lagos, Nigeria

Call for Papers, Participation and Registration

In the quest for global environmental sustainability and protection, the Institute for Environment Research and Development (IERD) invites you to participate at the 2012 International Conference on "Sustainable Development and Environmental Protection (Clean Technology and Environmental Sustainability for Developing Nations). This Conference is expected to bring together researchers, academics, development and environment practitioners, policy makers and stakeholders around the world to share information and experience on sustainable development and

environmental protection. The conference sub-themes include Human Security and Environmental Security, Clean Technology, Sustainable and Green Architecture, Environmental Policy/Law, Environmental Governance/Corporate Social Responsibility, Socio-economic Environment, Built Environment and engineering, Agricultural Environment, Industrial Environment, Global Environmental Change, Natural Environment, Environmental Accounting and Environmental Impact Assessment/Audit.

Conference Registration fee

Nigeria Delegates N35,000 | International Delegates \$350

Submission of papers and abstracts:

Participants willing to present paper(s) at the conference should submit abstract(s) of not more than 250 words in a word file by November 30, 2011 and full paper(s) by December 31, 2011 to ierdafrica@gmail.com or info@ierdafrica.org Phone No. +234-803-7203119

Notification of acceptance of paper(s) will be sent back to the author by February 15, 2012.

Selected papers in the conference will be published in the "Journal of Sustainable Development and Environmental Protection".

For more information on the conference <http://www.ierdafrica.org>



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The Conference Topics

The International Conference will cover the following sub-themes and other topics not included in the list below:

Built Environment and Engineering

Green buildings; Sustainable designs and construction; Green Architecture; Sustainable Structures and engineering; Urban decay and slum/squatter management; Sustainable urban management; Urban environmental security; Low cost materials for building and constructions; Municipal solid waste management; Environmental valuation; Sustainable property management; Sustainable physical planning; Real estate's property investment; Sustainable housing schemes for developing world; Estate management.

Clean Technology

The scope of clean technology includes all but not limited to the following: Wind Energy Technology, Biomass Conversion, Materials Science Technology, Solar Energy, Geothermal, Wave and Tide, Ocean Thermal Energies, Mini Hydro Power, Hydrogen Production Technology, Photovoltaic Technology Conversion, Solar Thermal Applications, Bio-energy, Energy Conservation in Buildings and Green Buildings, Low Energy Architecture, Biodiesel, Green Chemistry, Green/sustainable materials technology, Nanotechnology applications to low carbon emission. Also papers dealing with the applications of clean technology and development are solicited. The areas include but also not limited to the following: Modern wind Turbine design and development, Solar panel/cell manufacture, Biotechnology and Biomaterials, Biogas turbine design and development. Issues and papers dealing with topics on Energy Planning and Energy Efficiency study are also welcome.

Human and Environmental Security

Focus on the security threats to human and the environment; Environmental conflicts; Impacts of resource exploitation and exploration; Scarcity of resources and resource conflicts; Economic security, food security, personal security, community security and political security that are related to issues of sustainable development paradigms and environmental concerns; Environmental degradation threats that may engender conflicts, instability and crisis; Global Environmental Change.

Environmental Policy/Law

Review of environmental laws; policies and regulations; Analysis of quality standards and environmental guidelines which includes that of effluents and emissions; Analysis of Climate Change policy, Analysis of IPPC reports, Legal proposals that should shape the future; National and Regulatory bodies Assessments.

Governance/Corporate Social Responsibility

Effective governance for environmental security since the Rio Earth Summit; Roles and responsibilities of governments in environmental sustainability; Contribution of private sector and civil society in environmental sustainability; Role of new actors in environmental governance; Managing and appropriation of resources; Conflict management and resolution; Multinational companies and community development; Militancy and restiveness in mineral(solid and oil) environment.

Sustainable Agriculture Environment

Contemporary approaches to agricultural and food systems across nations and cultures; Farming approaches towards sustainable agricultural systems; Politics of agricultural sustainability; Alternative agricultural and food systems; Agriculture and Globalization, Destruction of watershed; Uncontrolled use of agro-chemicals; Salinization and destruction of vast agricultural lands; Sustainable land use patterns; Agroforestry systems; Sustainable forest management; Conservation of natural resources; Biodiversity and ecosystems management.

Socio-economic Environment

Adverse impacts of the environment on different social groups (adult, youths, men and women); Urbanization; Urban and rural developments; Sustainable economic growth; Sociological impacts of environmental change.

Industrial Environment

Oil exploration and exploitation processes; Oil industry pollution; Bioremediation; Modern approaches to gas flaring and ecological destabilization in industrial environment; Management of textiles, tannery, petrochemicals and paint industries; Waste to wealth technology; Alternative energy applications; Effluent and emission control processes; Occupation and industrial safety; Health safety and environmental management procedures; Proposals to decrease the risks of accidental death and injury to the work force and the public.

Natural Environment

Disaster Risk Management; Sustainable management of problems of desertification, poverty and drought; Climate change studies, policy and management; Flood and coastal management; Ecosystem and biodiversity studies; Environmental modeling's for sustainable societal management; Sustainable Tourism including tourism history, political economy of tourism, Impacts of tourism, Ecotourism and adventure tourism

Environmental Accounting and Environmental Impact Assessment/Audit

UN systems of National Accounts 93; Consideration of the natural resource base, Environmental valuation and green accounting; Environmental risk assessment and management; Physicochemical, biological, socioeconomic and health impacts analysis; Ameliorative and mitigation processes; Environmental Assessment and Post Commissioning Assessment of projects; EIA, EA and PCA case studies.

Chairman

Prof. Afolabi A. Oladapo

Former Head of Service, Federal Republic of Nigeria

Keynote Speaker:

Prof. Akin Akindoyeni

Nigeria Green Building Council
(Chairman of the Council of Registered Builders of Nigeria)

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(School of Technology North Carolina A&T State University, Greensboro, USA)

Lead Paper Presenter 2:

Prof. Odjugo, P. A. Ovuyovwiroye

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