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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

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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 published in the "Journal of Sustainable Development and Environmental Protection".

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



For further information, contact:

- Akin Adeoye (Ph.D) +234-703-507 0288
- Oluseyi Ajayi (Ph.D) +234-803-620 8899
- Kunle Ayo-Vaughan +234 803-555 0205
- Wole Akiyode +234-802-339 6589
- Oni P. I. (Ph.D) +234-806-753 8686

Adedeji Daramola Ph.D (Conference Chair)

Tel: +234-803-720 3119
sadaramola@ierdafrica.org

Join our mailing list: **Institute for Environment Research and Development (IERD)**

Km 10, Idiroko Road, Plot 777, Bells University Drive, Benja-Ota, Ogun State Nigeria.
Tel: +234-1-212-0630 URL: www.ierdafrica.org e-mail: info@ierdafrica.org

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)

Lead Paper Presenter 1:

Prof. Musibau A. Shofoluwe

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

Lead Paper Presenter 2:

Prof. Odjugo, P. A. Ovuyovwiroye

(Department of Geography and Regional Planning, University of Benin, Benin City, Edo State, Nigeria)

Confirmed Paper Presenters

- PROF. NIRMALA DEVI - Regional Campus (G.N.D.U)Jalandhar, Punjab, INDIA
- H.T.ISHAKU, - Modibbo Adamawa University of Technology Yola - NIGERIA
- PROF. KOLA ODEKU - University of Limpopo, SOUTH AFRICA
- M. RAFEE MAJID - Department of Urban and Regional Planning, Faculty of Built Environment, Universiti Teknologi MALAYSIA
- PROF OGUNMOYELA O. A. B. - Bells University of Technology, Ota, NIGERIA
- F. JOHAR - Department of Urban and Regional Planning, Faculty of Built Environment, Universiti Teknologi MALAYSIA
- DR. PETER SAM, Assistant to the Dean for Research School of Technology, North Carolina A&T State University, Greensboro, NC 27411, USA
- MALACHY IGWILO, Centre for Foundation Education, Bells University of Technology, Ota, NIGERIA
- FEMI OYEDELE Managing Director, Fame Oyster & Co. Lagos State, NIGERIA
- DR. EZIYI O. IBEM - Department of Architecture Covenant University, Ota, NIGERIA
- DR. EGIDARIO B. ADUWO, Department of Architecture Covenant University, Ota, NIGERIA
- YAHAYA AHMED - Faculty of Geoinformation and Real Estate, Universiti Teknologi MALAYSIA
- YAKUBU AMINU DODO - Faculty of Built Environment, Universiti Teknologi MALAYSIA
- PROF. AOYI OCHIENG, Department of Chemical Engineering, Vaal Univ. of Technology, SOUTH AFRICA
- JIBRIL DANAZUMI JIBRIL - Faculty of Geoinformation and Real Estate, Universiti Teknologi MALAYSIA
- MOHD ZIN KANDAR - Faculty of Built Environment, Universiti Teknologi MALAYSIA
- PROF. MAURICE S. ONYANGO, Department of Chemical & Metallurgical Engineering, Twashne University of Technology SOUTH AFRICA
- PROF. NDIRIBE A. N. NDIRIBE, Department of Political Science, Anambra State University, Uli, Anambra State, NIGERIA
- ABDULHAMID MAR-IMAN AL - Faculty of Geoinformation and Real Estate, Universiti Teknologi MALAYSIA
- PROF. DR. SEDAT CERECI, Batman University Fine Arts Faculty, TURKEY
- S.SUDHAKARAN, Junior Research Fellow (JRF) at HSS Deptt in Indian Institute of Technology (IIT) Roorkee 247667 INDIA
- R. N. PANDEY - Department of Geography, Central University of Karnataka, INDIA
- OLAYUNGBO, A. A., Natural History Museum, Obafemi Awolowo University, Ile-Ife, NIGERIA
- OYEDELE, A. O., Institute of Agriculture and Research Training, Obafemi Awolowo University, Ile-Ife, NIGERIA
- P. NETSHITANGANI (Ms), Department of Chemical Engineering, Vaal University of Technology, SOUTH AFRICA
- OKE, I. A., Obafemi Awolowo University, Ile-Ife, NIGERIA
- DR. PARADZAYI PATHIAS BONGO, Research Fellow and Consultant, National University of Science and Technology, Institute of Development Studies (IDS-NUST), ZIMBABWE
- R. PAUL CHIPANGURA Lecturer in Disaster Management, National University of Science and Technology, Institute of Development Studies (IDS-NUST), ZIMBABWE
- OLUWAJOBI S. O. - Bells University of Technology, Ota, NIGERIA
- MKHOKHELI SITHOLE, Lecturer in Development Studies, National University of Science and Technology, Institute of Development Studies (IDS-NUST), ZIMBABWE
- AREMU S.E., Federal Polytechnic, Bida, Niger State, NIGERIA
- AASA S.A, Covenant University, Ota, NIGERIA
- E. OMANGA, Tropical Institute of Community Health (TICH); Great Lakes University of Kisumu (GLUK), Kisumu, KENYA
- L. ULMER - School of Public Health, Drexel University, 1505 Race Street, Bellet Building, Philadelphia, PA 19102-1192, USA
- ADEKOYENI O. O. - Bells University of Technology, Ota, Nigeria
- Z. BERTHANE, School of Public Health, Drexel University, 1505

- Race Street, Bellet Building, Philadelphia, PA 19102-1192, USA
- DR. OLU MALOMO, College of Food Sciences, Bells University of Technology, Ota, NIGERIA
- DR. AJOY KUMAR MANDAL, The Energy and Resources Institute (TERI), Lohdi Road, New Delhi, INDIA
- DR. BANWARI LAI, The Energy and Resources Institute (TERI), Lohdi Road, New Delhi, INDIA
- DR. PRIYANGSHU MANAB SARMA, The Energy and Resources Institute (TERI), Lohdi Road, New Delhi, INDIA
- ADEBAYO O. A., Department of Architecture, Bells University of Technology Ota, Ogun State, NIGERIA
- NGO NGUEDA R.D. (Ph.D Candidate) IDRC, University of Yaounde II, Faculty of Economics and Management, PO BOX 1365, Yaounde CAMEROON
- AKINTUNDE, OYETUNDE A., Wesley University of Science and Technology, Ondo, NIGERIA
- ADELAGUN, R. O. A., Wesley University of Science and Technology, Ondo State, NIGERIA
- BEREZI E.P., Chemistry Department, Bayelsa State College of Education, Brass Island, Bayelsa, NIGERIA
- BAMIGBOYE, E.O., Obafemi Awolowo University, Ile-Ife, Osun State, NIGERIA
- BAMIGBOYE, R.A. (MRS.), Obafemi Awolowo University, Ile-Ife, Osun State, NIGERIA
- DR. HOSSEIN BARANI, Gorgan University of Agricultural Sciences and Natural Resources, Gorgan, IRAN
- AKINWALE, R.O. Obafemi Awolowo University, Ile-Ife, NIGERIA
- I.O. OBISESAN, Obafemi Awolowo University, Ile-Ife, NIGERIA
- O.S, OJO, O, AKINYEI, Federal College of Forestry Mechanization Kaduna, NIGERIA
- A.I, SODIMU, Federal College of Forestry Mechanization Kaduna, NIGERIA
- W.A, JAYEOBA, Federal College of Forestry Mechanization Kaduna, NIGERIA
- R.A, SULEIMAN FRIN / JICA Aforestation Project, Afaka, Kaduna, NIGERIA
- J. E. AGHEYISI, University of Benin, Benin city, NIGERIA
- V. SIDO, University of Benin, Benin City, NIGERIA
- ESHITA TRIPATHI, Research Scholar in Population Studies at the Centre For the Study of Regional Development, School of Social Sciences, Jawaharlal Nehru University, New Delhi 110067 INDIA
- G.O. ATEDHOR, University of Benin, Benin City, Edo State, NIGERIA
- P.O. OROBATOR, University of Benin, Benin City, Edo State, NIGERIA
- AYOOLA, HEZEKIAH ADEDAYO, Department of Architecture, Federal University of Technology Akure, NIGERIA
- DR. BOLANLE WAHAB, University of Ibadan, NIGERIA
- OJOLOWO SAIED, Faculty of the Social Sciences, University of Ibadan, NIGERIA
- AIGBAVBOA C.O., Department of Construction Management & Quantity Surveying, University of Johannesburg, Johannesburg, SOUTH AFRICA
- PROF. THWALA WD, - Department of Construction Management & Quantity Surveying, University of Johannesburg, Johannesburg, SOUTH AFRICA
- SAM-AMOBI, CHINWE, Department of Architecture, University of Nigeria Enugu Campus, NIGERIA
- OKEY NDUKA, Department of Architecture, University of Nigeria Enugu Campus, NIGERIA
- DR. B. E. SAMBO - Department of Horticulture, Federal College of Forestry mechanization, P.M.B. 2377, Afaka, Kaduna, NIGERIA
- DR. A. AHMED - Department of Urban and Regional Planning, Ahmadu Bello University, PMB 1044, Zaria, NIGERIA
- VICTOR A. ONIFADE, Department of Urban and Regional Planning, University of Lagos, Akoka, Lagos, NIGERIA
- H.O. JIMOH Department of Urban and Regional Planning, University of Lagos, Akoka, Lagos, NIGERIA
- DR. GEORGE OKECHUKWU ONATU, Faculty of Engineering and Built Environment, Department of Town and Regional Planning University of Johannesburg, Doornfontein campus, SOUTH AFRICA
- R.W.C.NWANGUMA, Dept of Architecture, University of Uyo, NIGERIA
- TAREK M. F. ABDELAL, Dept. of Architecture, Faculty of Engineering, Assiut University, EGYPT
- DR. AYENI A. O., Council for Scientific and Industrial Research (CSIR) Pretoria, SOUTH AFRICA
- PROF. A. S. OMOJOLA, Department of Geography, University of Lagos, Akoka Yaba, Lagos, NIGERIA
- DR. M. J. FASONA, Department of Geography, University of Lagos, Akoka Yaba, Lagos, NIGERIA
- BABALOLA, DANIEL OLATUNDE, Department of Architecture, College of Science and Technology Covenant University, Canaan Land Ota, Ogun State, NIGERIA
- NDASULE A.N., Department of Hospitality, Leisure, and Tourism, Management, Federal Polytechnic Ede, Osun State, NIGERIA
- OLUOWO ELOHOR FREEMAN, - Faculty of Life Sciences, University of Benin, Edo State, NIGERIA
- DR. MONDAY OHIASIKHIA, University of Benin, Benin City NIGERIA
- DR. (MRS.) G.C. EMENIKE, University of Port-Harcourt, River State, NIGERIA
- FAMUYIWA M.O. (MRS.), Department of Hospitality, Leisure and Tourism Management, Federal Polytechnic Ede, Osun State, NIGERIA
- PROF. AKANDE, J.A., Forestry and Environmental Technology Programme, Faculty of Agriculture, Bowen University, Iwo, NIGERIA
- DAVID, S., Forestry and Environmental Technology Programme, Faculty of Agriculture, Bowen University, Iwo, NIGERIA
- O.S. ADEWUYI, Forestry and Environmental Technology Programme, Faculty of Agriculture, Bowen University, Iwo, NIGERIA
- L.E.N EKPENI, Biofuel Research Group, School of Mechanical & Manufacturing Engineering, Dublin City University, Collins Avenue, Glasnevin, Dublin 9, IRELAND
- A.G OLABI, Biofuel Research Group, School of Mechanical & Manufacturing Engineering, Dublin City University, Collins Avenue, Glasnevin, Dublin 9, IRELAND
- OYEDEPO SUNDAY OLAYINKA, Mechanical Engineering Department, Covenant University, Ota, NIGERIA
- DR. OBUKS A. EJOHWOMU - WD Consults (UK)
- LAWRENCE O. AGBOOLA, Safety & Automation Systems Engineer, National Engineering and Technical Company Limited

- (NETCO) Victoria Island, Lagos, NIGERIA
- DR. ALAGBE, O. A., Department of Architecture, Covenant University, Ota, Ogun State, NIGERIA
- ADEWALE, B. A., Department of Architecture, Covenant University, Ota, Ogun State, NIGERIA
- ALALADE, G. M, Department of Architecture, Covenant University, Ota, Ogun State, NIGERIA
- YUSUF BABATUNDE ADEMIYI, Department of Building Technology, The Polytechnic, Ibadan, NIGERIA
- ENOD. NYONG, Newcastle University, UK
- AYOOLA, HEZEKIAH ADEDAYO, Department of Architecture, Federal University of Technology Akure, NIGERIA
- DR. A.F. LAWAL, Department of Building Technology, Federal University of Technology Akure, NIGERIA
- DR. EDEH, J. E. ,Dept. of Civil Engr., University of Agriculture, NIGERIA
- DR. EBEREMU, A. O. Dept. of Civil Engr., Ahmadu Bello University, Zaria, NIGERIA
- ABAH, A. B., University of Agriculture, Makurdi, NIGERIA
- A DENIRAN A. E., Department of Works and Physical Planning, University of Lagos, Akoka, Lagos, NIGERIA
- AINA A.T., Department of Works and Physical Planning, University of Lagos, Akoka, Lagos, NIGERIA
- OSHUNRINADE O.O. University of Lagos, Akoka, Lagos, NIGERIA
- MICHAEL G. OLADOKUN, Faculty of Environmental Studies, University of Uyo, Uyo, Akwa Ibom State, NIGERIA
- KARGAR R, Civil and Environmental Engineering Department, University of Birjand, Birjand, IRAN
- OGUNYEMI O.A., Department of Architecture, Bells University of Technology, Ota, Ogun State, NIGERIA
- DOOSTI M.R., Civil and Environmental Engineering Department, University of Birjand, Birjand, IRAN
- SAYADI M.H., HAYATI H., Civil and Environmental Engineering Department, University of Birjand, Birjand, IRAN
- ALABI O.A., Department of Architecture, Bells University of Technology, Ota, NIGERIA
- Alabi S.A., InterDeep Concept Ltd., Ilorin, Kwara State, NIGERIA
- GERAMI S., Civil and Environmental Engineering Department, University of Birjand, Birjand, IRAN
- P.S. BUNDELA, Regional Office, Madhya Pradesh Pollution Control Board, Vijay Nagar, Jabalpur (M.P.), INDIA
- V. PADMANABHAN, Raymond Textile Industry, Chhindwara (M.P.), INDIA
- J. JOSHI, Raymond Textile Industry, Chhindwara (M.P.), INDIA
- H.K. CHHATTERJEE, Manufactures Corporate Office, Mumbai, INDIA
- DR. MANASSEH, J., Dept. of Civil Engrg., University of Agriculture, Makurdi, NIGERIA
- IBANGAU., University of Agriculture, Makurdi, NIGERIA
- INA COLOMBO, London South Bank University 103 Borough Road SE1 0AA, UK
- GRAEME MAIDMENT, London South Bank University 103 Borough Road SE1 0AA, UK
- ISSA CHAER, London South Bank University 103 Borough Road SE1 0AA, UK
- M. R. NILFOROUSHAN, Dept. of Eng., University of Shahrekord, P. O. Box 115, Shahrekord, IRAN
- S. OTROJ, Dept. of Eng., University of Shahrekord, P. O. Box 115, Shahrekord, IRAN
- EDOKPA, D.A., - University of Benin, Benin City, NIGERIA
- IKUSEMIJU TOLUWALASE M., Department of Hospitality, Leisure and Tourism Management, The Federal Polytechnic, Ede, Osun State, NIGERIA
- SONUBI, OLUGBENGA KEHINDE, - Federal Polytechnic, Ede, Osun State, NIGERIA
- DR. A. S. O. SONEYE, Department of Geography, University of Lagos, NIGERIA
- DR. I. I. BALOGUN, Department of Geography, University of Lagos, NIGERIA
- M. O. ADEPOJU, Federal University of Technology, Akure, NIGERIA
- PROF. J. A. ADEKOYA, Federal University of Technology, Akure, NIGERIA
- J.A ODERINDE - Dept of Urban and Regional Planning, The Polytechnic, Ibadan, NIGERIA
- DR. OLUSEYIAJAYI, Covenant University, Ota, NIGERIA
- OLUWOLE O. AKIYODE, IERD Ota, NIGERIA
- EMMANUEL AYO - VAUGHAN, Bell University of Technology, Ota, NIGERIA
- ALUKO O. O. Architecture Department, Federal Polytechnic, Ilaro, Ogun State, NIGERIA
- OLUBODUN, M.E., Federal Polytechnic, Ilaro, Ogun State, NIGERIA
- DR. ONI, P.I., Department of Biological Sciences, Bells University of Technology, Ota, NIGERIA
- RITA.L.L. PAMBI (Ms), Department of Chemical Engineering, Vaal Univ. of Technology, SOUTH AFRICA
- JOHN P AKACH, Department of Chemical Engineering, Vaal Univ. of Technology, SOUTH AFRICA
- DR. OSIRIKE ANIMAM - University of Benin, NIGERIA