



**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

Conference Agenda

Conference Chair:
S. Adedeji Daramola (PhD)
Bells University of Technology

Conference Secretary:
Oluwole Olusegun Akiyode
IERD

Detailed Agenda

Monday 19, 2012

4.00pm-8.00pm

Arrival and registration of participants

7.00-8.00pm

Reception Cocktail

Tuesday 20, 2012

8.00am -6.00pm

Registration of participants

Opening Ceremony

Chairman: Prof. Afolabi A. Oladapo

(Former Head of Service, Federal Republic of Nigeria)

11.00am-1.30pm

Keynote Speaker: Prof. Akin Akindoyeni

(Chairman of the Council of Registered Builders of Nigeria)

Nigeria Green Building Council

1.30pm-2.30pm

Lunch Break

2.45pm-5.00pm

Plenary sessions 1

Tuesday 20, 2012

9.00am-11.00am

Plenary session 2

11.00am-12mid-day

Tea Break

12mid-day-1.30pm

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. Ovuoyovwiroye

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

2.00pm-3.00pm

Lunch Break

3.00pm-4.30pm

Plenary session 3

4.30pm-6.00pm

Plenary Session 4

7.30pm-9.00pm

Conference Dinner

Thursday March 22nd, 2012

9.00-11.00pm

Plenary Session 5

11.00am-12.00 mid-day

Closing Ceremony

1.00pm -5.00pm

Tour to Abeokuta: Olumo Rock

Friday March 23rd, 2012

Departure

Summary of Breakout session for Presentations

Tuesday 20, 2012

Keynote Address – All Conference Participants

Prof. Akin Akindoyeni (*President of the Council of Registered Builders in Nigeria*)

Session 1A Environmental Management and Policy

Session 1B Sustainable Rural and Urban Development

Session 1C Environmental engineering

Wednesday 21, 2012

Session 2A Global Environmental Change

Session 2B Urban Environmental Sustainability

Session 2C Clean Technology

Lead Paper Presenter 1 - All Conference Participants

Prof. Musibau A. Shofoluwe (*School of Technology North Carolina A&T State University Greensboro, USA*)

Lead Paper Presenter 2 - All Conference Participants

Prof. Odjugo, P. A. Ovuyovwiroye (*Department of Geography and Regional Planning, University of Benin, Benin City, Edo State, Nigeria*)

Session 3A Human Security and Environmental Security

Session 3B Sustainable Cities

Session 3C Sustainable Engineering

Session 4A Environmental Assessment / Analysis.

Session 4B Water Security

Session 4C Built Environment and Sustainable Housing

Thursday 22, 2012

Session 5A Agricultural Environment

Session 5B Natural Environment

Session 5C Socio-economic Environment

Tuesday 20, 2012

2.45pm-5.00pm

Session 1A

Environmental Management and Policy

Environmental Problems and Solutions: Emerging Trends in Indian Legal System

Nirmala Devi, Assistant Professor in Law, Regional Campus, Guru Nanak Dev. University, Jalandhar, Punjab, **INDIA**.

Is Community Participation the Surest Way of Increasing Household Access to Water Supply in Nigeria

H.T.Ishaku, Department of Urban and Regional Planning, School of Environmental Sciences, Modibbo Adama University of Technology Yola-**NIGERIA**

M. Rafee Majid, Department of Urban and Regional Planning, Faculty of Built Environment, Universiti Teknologi Malaysia, Skudai Johor Bahru **MALAYSIA**

F. Johar, Department of Urban and Regional Planning, Faculty of Built Environment, Universiti Teknologi Malaysia, Skudai Johor Bahru **MALAYSIA**

The Need for Environmental Citizenship Education and Awareness in Nigeria

Prof. Musibau A. Shofoluwe, Department of Construction Management and Occupational Safety & Health, School of Technology, North Carolina A&T State University, Greensboro, NC 27411, **USA**

Dr. Peter Sam, Assistant to the Dean for Research School of Technology, North Carolina A&T State University, Greensboro, NC 27411, **USA**

Sustainability and theorizing about the Environment: Towards a Post-modernity of Environmental Discourse

Malachy Igwilo, Centre for Foundation Education, Bells University of Technology, Ota, **NIGERIA**

The Importance of a Holistic Environmental Policy in Sustainable National Development: The Case of Nigeria

Prof. Ndiribe A. A. Ndiribe, Department of Political Science, Anambra State University, Uli, Anambra State **NIGERIA**

Beyond COP 17: An Analysis of Eskom Initiatives to Combat Global Warming and Climate Change in South Africa

Prof. Kola Odeku, School of Law, University of Limpopo, **SOUTH AFRICA**

Session 1B

Sustainable Rural and Urban Development

Sustainable Land Use and Urban Development: Perspective on Cosmo city, Johannesburg, South Africa

George Okechukwu Onatu, Faculty of Engineering and Built Environment, Department of Town and Regional Planning University of Johannesburg, Doornfontein campus, **SOUTH AFRICA**

Towards Livable Slums in Egypt—A Case Study of El-walideyah District Waterfront

Tarek M. F. Abdelaal, Dept. of Architecture, Faculty of Engineering, Assiut University, **EGYPT**

Air Pollution in Sawmill Industries: the Okobaba Sawmill Experience.

Adelagun R.O.A. (Ms), Chemistry Department, Wesley University of Science and Technology, Ondo, Ondo State, **NIGERIA**.

Berezi E.P., Chemistry Department, Bayelsa State College of Education, Brass –Island, Bayelsa, **NIGERIA**.

Akintunde O.A., Mathematics Department, Wesley University of Science and Technology, Ondo, Ondo State, **NIGERIA**

Causes and Effects of Rural-Urban Migration in Developing Countries

Aluko O.O. Architecture Department, Federal Polytechnic, Ilaro, Ogun State, **NIGERIA**.

Olubodun, M.E., Architecture Department, Federal Polytechnic, Ilaro, Ogun State, **NIGERIA**.

Aremu S.E., Architecture Department, Federal Polytechnic, Bida, Niger State, **NIGERIA**.

Urbanization and Water Supply in Lagos State, Nigeria: The Challenges in a Climate Change Scenario

Dr. Ayeni A. O., Council for Scientific and Industrial Research (CSIR) Pretoria, **SOUTH AFRICA**

Prof. 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**

Rural Urban Transformations in the Developing Countries: A Case Study of Nigeria

Babalola, Daniel Olatunde, Department of Architecture, College of Science and Technology Covenant University, Canaan Land Ota, Ogun State, **NIGERIA**

Session 1C

Environmental engineering

Water Treatment Using Ultrasonic Assistance: A review

Kargar R, Civil and Environmental Engineering Department, University of Birjand, Birjand, **IRAN**.

Doosti M.R., Civil and Environmental Engineering Department, University of Birjand, Birjand, **IRAN**.

Sayadi M.H., Civil and Environmental Engineering Department, University of Birjand, Birjand, **IRAN**.

Hayati H., Civil and Environmental Engineering Department, University of Birjand, Birjand, **IRAN**.

Gerami S., Civil and Environmental Engineering Department, University of Birjand, Birjand, **IRAN**.

Study of Dyeing Machines Automation and Auto Color and Chemical Dispensing A case Study

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**

Investigation of the Performance of A Co₂ Transcritical with Heat Recovery for Retail Application

Ina Colombo, London South Bank University, 103 Borough Road SE1 0AA, **UK**

Graeme Maidment, **UK**

Issa Chaer London South Bank University, 103 Borough Road SE1 0AA, **UK**

Hypothetical Model of Energy Consumption and CO₂ Emission of Construction Activities: A System Dynamics Approach

Michael G. Oladokun, Department of Building, Faculty of Environmental Studies, University of Uyo, Uyo, Akwa Ibom State, **NIGERIA**

Prospects of Carbon (IV) Oxides Power Plant in Nigeria Contemporary
Aasa S.A., Mechanical Engineering Department, Covenant University, P.M.B. 1023, Ota, **NIGERIA**.
Dr. Ajayi O.O, Mechanical Engineering Department, Covenant University, P.M.B. 1023, Ota, **NIGERIA**.

Wednesday 21, 2012

9.00am-11.00am

Session 2A

Global Environmental Change

Protection of Arts Works against Environmental Change: Government Dimension

Prof. Dr. Sedat Cereci, Batman University Fine Arts Faculty, **TURKEY**

Global Natural Disasters and their Implications on Humans

Prof. Odjugo, P. A. Ovuoyovwiroye, Department of Geography and Regional Planning, University of Benin, Benin City, Edo State, **NIGERIA**.

Sustaining the Ecosystem by Watershed Approach in the Drought Hit Region of Bundelkhand

S.Sudhakaran, Junior Research Fellow (JRF) at HSS Deptt in Indian Institute of Technology (IIT) Roorkee 247667 **INDIA**.

R. N. Pandey, Research Scholar in the Department of Geography, Central University of Karnataka, **INDIA**

The Politics of Environmental Engagement in the Context of Climate Change: Analysis of Zimbabwe's Second Hand Vehicle Imports Impasse

Dr. Paradzayi Pathias Bongo, Research Fellow and Consultant, National University of Science and Technology, Institute of Development Studies (IDS-NUST), **ZIMBABWE**.

Paul Chipangura Lecturer in Disaster Management, National University of Science and Technology, Institute of Development Studies (IDS-NUST), **ZIMBABWE**.

Mkhokheli Sithole, Lecturer in Development Studies, National University of Science and Technology, Institute of Development Studies (IDS-NUST), **ZIMBABWE**.

Industrial Air Pollution in Rural Kenya: Awareness & Risk Perception, Health Correlates of Exposure & Determinants of Perception

E. Omanga, Tropical Institute of Community Health (TICH); Great lakes University of Kisumu (GLUK), P.O. Box 2224-40100, Kisumu, **KENYA**,

L. Ulmer, School of Public Health, Drexel University, 1505 Race Street, Bellet Building, Philadelphia, PA 19102-1192, **USA**

Z. Berhane, School of Public Health, Drexel University, 1505 Race Street, Bellet Building, Philadelphia, PA 19102-1192, **USA**

Session 2B

Urban Environmental Sustainability

Public Private Partnerships in Shelter and City Development.

Aigbavboa CO (PhD Candidate), 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.**

Effective Strategy to Achieve Sustainable Urban Renewal in the Enugu Urban Area.

Sam-Amobi, Chinwe, Department of Architecture, University of Nigeria Enugu Campus, **NIGERIA.**

Okey Nduka, Department of Architecture, University of Nigeria Enugu Campus, **NIGERIA.**

Feeding the Cities: Town Planning Practices and the Implications on Urban Food Security in Zaria – Nigeria.

Dr. B.E.Sambo, Department of Horticulture, Federal College of Forestry mechanization, PMB 2377, Afaka, Kaduna, **NIGERIA.**

Dr. A. Ahmed, Department of Urban and Regional Planning, Ahmadu Bello University, PMB 1044, Zaria, **NIGERIA.**

The Potentials of Green Infrastructure in Urban Regeneration in Ikeja Local Government Area of Lagos state.

Victor .A. Onifade (PhD Candidate), 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**

Session 2C

Clean Technology

Ethical Issues in Clean Technology Management

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.**

Energy Sustainability – An Issue for Today

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.**

Energy in the Perspective of the Sustainable Development in Nigeria

Oyedepo Sunday Olayinka, Mechanical Engineering Department, Covenant University, Ota, **NIGERIA**

Built Environment and Engineering (Bee) Skills Crisis: An Exploratory Examination of the Exacerbating 'Role' of Clean Technology

Dr. Obuks A. Ejohwomu, WD Consults (**UK**)

Estimation and Econometrics Analysis of Solar Energy Potential of Selected Sites in Lagos, Nigeria
Dr. Oluseyi O. Ajayi, Mechanical Engineering Department, Covenant University, P.M.B. 1023, Ota, Ogun State, **NIGERIA**

Environmental Friendly and Efficiently Materials for the Nigerian Construction Industry
– *Proposed materials to break the monopoly effect of cement*
Alabi O.A., Department of Architecture, Bells University of Technology, Ota, **NIGERIA**
Alabi S.A., InterDeep Concept Ltd., Ilorin, Kwara State, **NIGERIA**

11.00am-12mid-day
Tea Break

12mid-day-1.30pm
Workshop Session

2.00pm-3.00pm
Lunch Break

3.00pm-4.30pm

Session 3A

Human Security and Environmental Security

Bioremediation of Hydrocarbon Pollution: A Sustainable Means of Biodiversity Conservation

Dr. Yerima, M.B., Department of Microbiology, Faculty of Sciences, Usmanu Danfodiyo University Sokoto. P.M.B. 2346, Sokoto State, **NIGERIA**.

Shinkafi, S.A., Department of Microbiology, Faculty of Sciences, Usmanu Danfodiyo University Sokoto. P.M.B. 2346, Sokoto State, **NIGERIA**.

Umar, A.F., Department of Microbiology, Bioremediation Research Group, queens University, Belfast, **UK**

Environmental Deterioration in the Niger Delta

Oluowo Elohor Freeman, Department of Animal and Environmental Biology, Faculty of Life Sciences, University of Benin, P.M.B 1154, Benin City. Edo State, **NIGERIA**

Urbanization and Human Security in Developing Economy Mega-City: A Case Study of Lagos, Nigeria

Oluwole Olusegun Akiyode, Institute for Environment Research and Development (IERD) Ota, **NIGERIA**

The Impact of Sport Tourism in Conflict Areas Via; Ife and Modakeke, Osun State.

Ndasule A.N., Department of Hospitality, Liesure, and Tourism, Management, Federal Polytechnic Ede, Osun State **NIGERIA**.

Occupational Health and Safety in the Oil and Gas Industry in Nigeria.

Dr. Monday Ohi Asikhia, Geography & Regional Planning Department, University of Benin, Benin City, **NIGERIA**.

Dr. Mrs. G.C. Emenike, Department of Geography and Environmental Management, University of Port-Harcourt, rivers State, **NIGERIA**.

Occupational Stress in Relation to Employment in the Hospitality Industry

Famuyiwa M.O. (Mrs.), Department of Hospitality, Leisure and Tourism Management, Federal Polytechnic Ede, Osun State, **NIGERIA**.

Management and Conservation of Indigenous Medicinal Plants in Nigeria Using Phenological Information

Dr. Oni, P.I., Department of Biological Sciences, Bells University of Technology, P.M.B 1015, Ota, **NIGERIA**

Jimoh, S.O., Department of Forest Resources Management, University of Ibadan, **NIGERIA**

Adebisi, L.A., Department of Forest Resources Management, University of Ibadan, **NIGERIA**

Session 3B

Sustainable Cities

Sustainability in Indian Metropolises

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**

Micro-organisms and Physico-chemical Properties of Floodwaters in Some Major Streets in Benin City, Nigeria.

G.O. Atedhor, Department of Geography & Regional Planning, University of Benin, Benin City, Edo State, **NIGERIA**

P.O. Orobator, Department of Geography & Regional Planning, University of Benin, Benin City, Edo State, **NIGERIA**

Sustainable Development and Housing Provision: an Analysis of Housing and Infrastructure Constraints Faced by the Urban Poor in Ilesa, Osun State, Nigeria.

Ayoola, Hezekiah Adedayo, Department of Architecture, Federal University of Technology Akure, **NIGERIA**

Application of Geographical Information Systems to Management of Municipal Solid Waste Depots in Lagos Island Local Government Area of Lagos State.

Dr. Bolanle Wahab, Department of Urban and Regional Planning, Faculty of the Social Sciences, University of Ibadan, **NIGERIA**.

Ojolowo Saeed, Department of Urban and Regional Planning, Faculty of the Social Sciences, University of Ibadan, **NIGERIA**.

Session 3C

Sustainable Engineering

Application of various types of cooling methods on EAF steel slag in order to make it a useful product rather than an environmental contaminator.

M. R. Nilforoushan, Dept. of Eng., University of Shahrekord, P. O. Box 115. Shahrekord, **IRAN**

S. Otrroj, Dept. of Eng., University of Shahrekord, P. O. Box 115. Shahrekord, **IRAN**

Solar/UV Photocatalytic Degradation of Two Commercial Textile Dyes

Prof. Aoyi Ochieng, Department of Chemical Engineering, Vaal Univ. of Technology, **SOUTH AFRICA**

Rita.L.L. Pambi (Ms), Department of Chemical Engineering, Vaal Univ. of Technology, **SOUTH AFRICA**

P. Netshitangani (Ms), Department of Chemical Engineering, Vaal Univ. of Technology, **SOUTH AFRICA**

John P Akach, Department of Chemical Engineering, Vaal Univ. of Technology, **SOUTH AFRICA**
Prof. Maurice S. Onyango, Department of Chemical & Metallurgical Engineering,
Twashne Univ. Of Technology **SOUTH AFRICA**

Engineering for Sustainable Development: A Way Forward to Global Poverty Eradication

Lawrence O. Agboola, Safety & Automation Systems Engineer, National Engineering and Technical Company Limited (NETCO) (A subsidiary of NNPC), Heritage Court, Victoria Island, Lagos, **NIGERIA**

Assessment of the efficiency of constructed wetland in domestic wastewater treatment at the University of Lagos, Nigeria.

Adeniran 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., Department of Works and Physical Planning, University of Lagos, Akoka, Lagos, **NIGERIA.**

Reclaimed Asphalt Pavement – Lime Stabilization of Clay Soil, As Highway Construction Materials

Dr. Edeh, J. E., Dept. of Civil Engrg., Univ. of Agriculture, Makurdi, 970001, **NIGERIA.**
NIGERIA.,

Dr. Eberemu, A. O., Dept. of Civil Engrg., Ahmadu Bello Univ., Zaria 810001, **NIGERIA**

Abah, A. B., Dept. of Civil Engrg., Univ. of Agriculture, Makurdi, 970001, **NIGERIA**

Palm Kernel Shell Ash Stabilization of Reclaimed Asphalt Pavements, As Highway Pavement Materials

Dr. Edeh, J. E., Dept. of Civil Engrg., Univ. of Agriculture, Makurdi, 970001, **NIGERIA.**

Dr. Manasseh, J., Dept. of Civil Engrg., Univ. of Agriculture, Makurdi, 970001, **NIGERIA.**

Ibanga U., Dept. of Civil Engrg., Univ. of Agriculture, Makurdi, 970001, **NIGERIA.**

4.30pm-6.00pm

Session 4

Session 4A

Environmental Assessment/Analysis.

Evaluation of Environmental and Social Impact of Crude Oil Exploitation in Delta State, Nigeria

Edokpa, D.A., Department of Geography and Regional Planning, University of Benin, Benin City, **NIGERIA**

Agheyisi, J.E. Department of Geography and Regional Planning, University of Benin, Benin City, **NIGERIA**

Managing the Social and Environmental Impacts of the Tourism Industry for Sustainable Development and Environmental Protection in Idanre, Nigeria

Ikusemiju Toluwalase M., Department of Hospitality, Leisure and Tourism Management, The Federal Polytechnic, Ede, Osun State, **NIGERIA**

Utilization of Omo Biosphere Reserve for Ecotourism Development

SONUBI, Olugbenga Kehinde, Hospitality, Leisure and Tourism Management Department, Federal Polytechnic, Ede, Osun State, **NIGERIA.**

Environmental Impact Assessment (EIA) Approach to Sustainable Environmental Planning, Design and Management in Nigeria

J.A Oderinde Dept of Urban and Regional Planning, The Polytechnic, Ibadan, **NIGERIA**

Essai d'écologie des oléoducs: le pipeline Tchad Cameroun

Ngo Nguéda R.D. PHD Candidate IDRC, University of Yaounde II, Faculty of Economics and Management, PO BOX 1365, Yaounde – **CAMEROON**

Session 4B

Water Security

Interpretation of observed Surface Water Quality using Principal Components Analysis and Cluster Analysis

Dr. Ayeni, A. O., Council for Scientific and Industrial Research (CSIR) Pretoria, **SOUTH AFRICA.**

Dr. A. S. O. Soneye, Department of Geography, University of Lagos, **NIGERIA.**

Dr. I. I. Balogun, Department of Geography, University of Lagos, **NIGERIA.**

Distribution and Assessment of Heavy Metals in Sediments of the River Orle, Southwestern Nigeria

M. O. Adepoju, Department of Applied Geology, Federal University of Technology, Akure, **NIGERIA.**

Prof. J. A. Adekoya, Department of Applied Geology, Federal University of Technology, Akure, **NIGERIA.**

Urban Flooding in South Eastern Nigeria, A Case Study of Aba Metropolis

R.W.C Nwanguma, Dept of Architecture, University of Uyo, **NIGERIA**

Rainfall and Climate Change in Ibadan.

Olayungbo, A. A., Natural History Museum, Obafemi Awolowo University, Ile-Ife, **NIGERIA.**

Oyedele, A. O., Land and Water Resources Management Programmes, Institute of Agriculture and Research Training, Obafemi Awolowo University, Ile-Ife, **NIGERIA.**

Oke, I. A., Department of Civil Engineering, Obafemi Awolowo University, Ile-Ife, **NIGERIA.**

Session 4C

Built Environment and Sustainable Housing

Housing Backlog in South Africa-Where did it go Wrong

Aigbavboa C.O. (PhD Candidate), 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**

A Theoretical Appraisal of the Impact of National Housing Policy in Resolving Housing Problems In 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.**

Financial Planning Model for Sustainable Building Maintenance

Yusuf Babatunde Adeniyi, Department of Building Technology, The Polytechnic, Ibadan, **NIGERIA.**

Olaniran Hezekiah Farayola, Department of Building Technology, The Polytechnic, Ibadan, **NIGERIA.**

Innovation Maintenance Practice: A Mean to Sustainable Buildings in Nigeria (A Case Study of Ogun State)

Emmanuel Ayo-Vaughan, Bells University of Technology, Ota, **NIGERIA**

Sustainable Development and the Choice Behaviour of Stakeholders in the Housing Construction Industry
Eno D. Nyong, Newcastle University **UK**

An Assesment of Housing Sanitation and Waste Management Practices in the Residential Core Areas of Osogbo, Osun State Nigeria

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**

Green Architecture and Sustainable Development in Nigeria

Dr. S. A. Daramola, Architecture Department, Bells University of Technology, Ota, **NIGERIA**

The New Face of Climate and Tropical Passive Cooling Design: Potential Challenges and the Use of Building Materials among Other Design Options

Ogunyemi O.A., Department of Architecture, Bells University of Technology, Ota. Ogun State, **NIGERIA**

Landscape as a Means of Improving Health towards Sustainable Development in Developing Countries

Adebayo O. A., Department of Architecture, Bells University of Technology Ota, Ogun State, **NIGERIA**

7.30pm-9.00pm

Conference Dinner

Thursday 22, 2012

9.00-11.00pm

Session 5A

Agricultural Environment

Biodiversity and Ecosystem Management: Implication for Sustainable Development in Sub-Saharan Africa.

Bamigboye, E.O., Department of Agricultural Extension and Rural Development, Obafemi Awolowo University, Ile-Ife, Osun State, **NIGERIA**

Bamigboye, R.A. (Mrs), Natural History Museum (Botany unit) Obafemi Awolowo University, Ile-Ife, Osun state. **NIGERIA.**

Different rationality of traditional versus modern grazing system for exploitation of rangelands in Northern Irano-Touranian region of Iran

Dr. Hossein Barani, Gorgan University of Agricultural Sciences and Natural Resources, Gorgan, **IRAN**

Collection and Characterization of Some Underutilized Legumes of Southwestern Nigeria

Akinwale, R.O., Department of Crop Production & Protection, Obafemi Awolowo University, Ile-Ife, **NIGERIA**

I.O. Obisesan, Department of Crop Production & Protection, Obafemi Awolowo University, Ile-Ife, **NIGERIA**

Choice of Eucalyptus Tree Species for Environmental Management and Protection in Kaduna Metropolis
O.S, Ojo, Forestry Technology Department, Federal College of Forestry Mechanization, P.M.B 2273, Afaka, Kaduna, **NIGERIA**

O, Akinyemi, Forestry Technology Department, Federal College of Forestry Mechanization, P.M.B 2273, Afaka, Kaduna, **NIGERIA**

A.I, Sodimu, Forestry Technology Department, Federal College of Forestry Mechanization, P.M.B 2273, Afaka, Kaduna, **NIGERIA**

W.A, Jayeoba, Forestry Technology Department, Federal College of Forestry Mechanization, P.M.B 2273, Afaka, Kaduna, **NIGERIA**

R.A, Suleiman FRIN/JICA Aforestration Project, Afaka, Kaduna, **NIGERIA**

The Impact of Bush Burning on Agricultural Environment in Orhionmwon Local Government Area of Edo State.

J. E. Agheyisi, Department of Geography and Regional Planning, University of Benin, Benin city, **NIGERIA.**

V. Sido, Department of Geography and Regional Planning, University of Benin, Benin city, **NIGERIA.**

Session 5B

Natural Environment

Evaluation of Chemical and Heavy Metal Concentrations In Maize (Zea mays) From Industrial area of Ogun State

Dr. Olu Malomo, College of Food Sciences Bells University of Technology, Ota, **NIGERIA**

Prof. Ogunmoyela O.A.B., College of Food Sciences Bells University of Technology, Ota, **NIGERIA**

Oluwajoba S.O (Mrs), College of Food Sciences Bells University of Technology, Ota, **NIGERIA**

Adekoyeni O.O., College of Food Sciences Bells University of Technology, Ota, **NIGERIA**

Wealth from Waste: A biotechnology Intervention for Environmental Protection

Dr. Ajoy Kumar Mandal, The Energy and Resources Institute (TERI), Lohdi Road, New Dehli, **INDIA**

Dr. Priyangshu Manab Sarma, The Energy and Resources Institute (TERI), Lohdi Road, New Dehli, **INDIA**

Dr. Banwari Lai, The Energy and Resources Institute (TERI), Lohdi Road, New Dehli, **INDIA**

Modeling Air Pollution by Use of Weibull Distribution for Sustainable Management

Akintunde, Oyetunde A., Department of Physical and Earth Sciences, Wesley University of Science and Technology, Ondo, **NIGERIA.**

Adelagun, R. O. A. (Miss), College of Natural and Applied Sciences, Wesley University of Science and Technology, Ondo, P.M.B. 507, Ondo, Ondo State, **NIGERIA**

Nutritive Evaluation of Brewery Spent Grain Supplanted Bread

Dawodu F. A. Department of Chemistry (Industrial), University of Ibadan, Ibadan, **NIGERIA.**

Dr. Ajanaku K. O. Industrial Chemistry Department, College of Science & Technology, Covenant University, P.M.B. 1023, Ota, Ogun State, **NIGERIA.**

Session 5C

Socio-economic Environment

Municipal Solid Waste Management as Means of Economic Development and Wealth Creation

Femi Oyedele Managing Director, Fame Oyster & Co. 38, Adeyemi Street, Mushin, Lagos State, **NIGERIA**.

Household Waste Management in Public Housing Estates in Ogun State: Implication for Environmental Protection in Nigeria

Dr. Eziyi O. Ibem, Department of Architecture Covenant University, Km 10 Idiroko Road Canaan Land; P.M.B 1023, Ota, **NIGERIA**.

Dr. Egidario B. Aduwo, Department of Architecture Covenant University, Km 10 Idiroko Road Canaan Land; P.M.B 1023, Ota, **NIGERIA**.

Low Cost Materials for Building and Construction

Babalola, Daniel Olatunde, Department of Architecture, College of Science and Technology Covenant University, Canaan Land Ota, Ogun State, **NIGERIA**

Monetization Policy Effect on Sustainable Buildings in Nigeria

Yahaya Ahmed, Faculty of Geoinformation and Real Estate, Universiti Teknologi Malaysia, 81310 Skudai, Johor, **MALAYSIA**

Yakubu Aminu Dodo, Faculty of Built Environment, Universiti Teknologi Malaysia, 81310 Skudai, Johor, **MALAYSIA**

Jibril Danazumi Jibril Faculty of Geoinformation and Real Estate, Universiti Teknologi Malaysia, 81310 Skudai, Johor, **MALAYSIA**

Dr. Mohd Zin Kandar, Assoc. Professor, Faculty of Built Environment, Universiti Teknologi Malaysia, 81310 Skudai, Johor, **MALAYSIA**

Dr. Abd. Hamid Mar-iman, Assoc. Professor, Faculty of Geoinformation and Real Estate, Universiti Teknologi Malaysia, 81310 Skudai, Johor, **MALAYSIA**

11.00am-12.00

Closing Ceremony

1.00pm -5.00pm

Tour to Abeokuta: Olumo Rock

Friday March 23rd, 2012

Departure