

CURRICULUM VITAE

01. PERSONAL DATA

xii. Name:

ADEDEJI Oludare
Hakeem

- xiii. **Date of Birth:**
22nd
December, 1967
- xiv. **Place of Birth:**
Ijebu-
ode
- xv. **Age:**
55 years
- xvi. **Sex:**
Male
- xvii. **Marital Status:**

Married
- xviii. **Nationality:**
Nigeria
- xix. **Town and State of Origin**
Ijebu-ode, Ogun
State
- xx. **Contact Address :**
Department of
Environmental Management
and

Toxicology, Federal
University of

Agriculture,
PMB 2240, Abeokuta
- xxi. **Phone Number:**

+2348055414347 or
+2348057783794
- xxii. **Email:**

adedejioh@funaab.edu.ng

xxiii. Present Post:
Professor

**02. EDUCATIONAL
BACKGROUND**

(iii) **Educational Institutions
Attended (With Dates)**

- a) Ijebu Muslim College, Ijebu-ode
1977-
1982
- b) Ogun State College of
Education (Now Tai Solarin
College of
Education, Omu-Ijebu)
1983-1986
- c) University of Lagos, Akoka,
Yaba, Lagos
1989 -
1993
- d) University of Ibadan, Ibadan,
Nigeria
1997 -
1998
- e) University of Ibadan, Ibadan,
Nigeria.
2003 -
2008
- f) University of Twente Faculty
for Geo-Information Science
and Earth Observation (ITC),
Enschede, the Netherlands.
2009 -
2010
- g) University of Twente,
Faculty for Geo-Information
Science
and Earth Observation (ITC),
Enschede, the Netherlands.
2015

(iv) **Academic and Professional Qualifications (With Dates)**

b) Senior Secondary School Certificate

1982

c) National Certificate in Education, NCE (Biology/Geography)

1986

d) B.Sc. Geography and Planning (Second Class Upper)

1993

e) M.Sc. Geography

1998

f) Ph.D. Geography

2008

g) PGD (Geo-Information Science and Earth Observation for Natural Resource Management)

2010

h) Certificate (Disaster Risk Management and Environmental Assessment for Spatial Planning.

2015

(v) Prizes, Honours, Scholarships, National and International Recognition

a. Netherland Fellowship Programme (NFP): Certificate in Disaster

Risk Management and
Environmental Assessment
for
Spatial Planning - C15-ESA-
SCD-01

8th Jun

- 17th Jul 2015

- b. **Netherland Fellowship
Programme (NFP): Refresher
Course-Pro-Poor and
Gender Equitable
Innovation in West Africa**

**(PGILWA), Rectas, OAU,
Ile-Ife, Nigeria.**

16th-27th

Mar. 2015

- c. **Netherland Fellowship
Programme (NFP): Post
Graduate**

**Diploma, Natural Resource
Management, Faculty for**

**Geo-Information Science
and Earth Observation (ITC),**

**University of Twente,
Enschede, the Netherlands.**

2009-

2010

03. **WORK EXPERIENCE**

- i. **Geography Teacher (NYSC),
Tetegun Comprehensive High
School,**

Apado, Kwara State

1994-95

- ii. **Geography Teacher, AUD
High School, Oliworo Quarters,
Ijebu-Ode**

Ogun State

1995-1996

Details of Teaching at
University Level

- i. **Graduate Assistant,
Department of Geography
and Regional Planning,
Olabisi Onabanjo University,
Ago-Iwoye
1996-
1998**
- ii. **Assistant Lecturer,
Department of Geography
and Regional Planning,
Olabisi Onabanjo University,
Ago-Iwoye
1998-
2003**
- iii. **Lecturer II, Department of
Geography and Regional
Planning,
Olabisi Onabanjo University,
Ago-Iwoye
2003-
2008**
- iv. **Lecturer I, Department of
Geography and Regional
Planning,
2008-2011
Olabisi Onabanjo University,
Ago-Iwoye**
- v. **Lecturer I, Department of
Environmental Management
and Toxicology,

Federal University of
Agriculture, Abeokuta

2011-2014**
- vi. **Senior Lecturer, Department
of Environmental
Management and**

**Toxicology Federal University
of Agriculture, Abeokuta**

2014-2017

**vii, Reader, Department of
Environmental Management and**

**Toxicology, Federal
University of Agriculture,
Abeokuta**

2017-2020

**viii, Professor, Department of
Environmental Management and**

**Toxicology, Federal
University of Agriculture,
Abeokuta**

2020-Date

**Courses Taught at Undergraduate
Level**

Course Code	Course Title
EMT 101	Intro. to Practical Geog.
EMT 201	Intro. to Environ. Sci
EMT 314	Landscape Studies & Planning
EMT 427	RS & GIS
EMT 506	Human Settlement & Development
EMT 521	Environment and Poverty

**Courses Taught at Postgraduate
Level**

Course Code	Course Title	Unit(s)	Contact Hours	No. of Stds	No. of Lecturers
EMT 807	Ecological Principles of Sustainable Development	2	2	30	1
EMT 808	GIS and Remote Sensing	2	2	65	2
EMP 823	Global Environmental Issues	2	2	22	2

Supervision of Undergraduate Students

B.Sc. EMT Projects Sixty-seven
(71) 67

(Completed)/ 4 (Ongoing)

MEMP

(29) 27

((Completed)/ 2 (Ongoing)

MEM

(13)

11*(Completed)/ 2 (Ongoing)*

PhD

(4)

3*(Completed)/ 1 (Ongoing)*

04. SPECIAL ASSIGNMENTS/COMMUNITY SERVICE

Departmental Assignment

- i. **SIWES Coordinator**

2019-

Date

- ii. **Seminar Coordinator, Department of Environmental**

- Management and
Toxicology (EMT)
2013-
2017**
- iii. **Field Trip Coordinator
Department of
Environmental
Management and
Toxicology (EMT)
2011-
Date**
- iv. Level Adviser
(200 Level)

2011/2012 Session
- v. Level Adviser
(300 Level)

2012/2013 Session
- vi. Level Adviser
(500 Level)

2013/2017 Session
- vii. Level Adviser
(500 Level)
2014/2015 Session
- viii. Level Adviser
(100 Level)

2015/2016 Session
- ix. Level Adviser
(500 Level)
2016/2017 Session
- x. **Member, Examination
Committee, Department of
Environmental
Management and
Toxicology (EMT)
2011-Date**

College Assignment

- i. **Member, COLERM Board of Studies**
2017-2019
- ii. **Member, College Board of Environmental**

Resource Management (COLERM)

- iii. **COLERM Representative at University Bursary Board** 2013-2016
 - iv. **COLERM Representative at College of Veterinary Medicine (COLVET) Board**
- 2017-
2018

University Assignments

- i. **Acting Head of Department, Environmental Management and Toxicology (EMT)**
2017-2019
- ii. **Member, FUNAAB Senate**
2017-2019
- ii. **Member, Board of Postgraduate School** 2017-
2019
- iv. **Member, Student Disciplinary Committee (SDC)** 2019-
Date
- v. **Chairman, Ad Hoc Committee on the Removal of Junks from**

University Buildings

2020-Date

Community Service

- i. **Secretary, Infrastructural Committee Kajola Estate Idotun, Erinlu, Ijebu-ode**

2015-

Date

- ii. **Member, Community Development Association, Kajola Estate Idotun, Erinlu, Ijebu-ode**

2008-

Date

- iii. **Member, Church Building Committee, RCCG Eagles Wing**

Assembly Molipa, Ijebu-ode

2013-Date

05. TRAINING PROGRAMMES ATTENDED (With Dates)

- i. **Application of GIS and RS in modern society, held at Senate Chamber, Federal University of Agriculture, Abeokuta. 6th- 8th June, 2012**
- ii. **Write-Shop for European**

Commission Funding
Opportunities.

Organized by the Directorate
of Grants Management,
Federal

University of Agriculture,
Abeokuta held at
Postgraduate School
Auditorium.

8th -9th April, 2014

iii. Refresher Course-Pro-Poor
and Gender Equitable
Innovation in

**West Africa (PGILWA),
Rectas, OAU, Ile-Ife, Nigeria.
16th-27th**

Mar, 2015

**6. Building Academic
Leadership Capacity for Higher
Education**

**in the 21st Century
Organized Centre for
Innovation and**

**Strategy in Learning
Technologies (CISLT)**

**Federal University
of Agriculture, Abeokuta**

21st June, 2016.

**7. Special International
Training Course in Climate
Change and**

**Sustainable Environment,
held at the Centre Excellence in**

**Agricultural Development
and Sustainable Environment,**

FUNAAB, Abeokuta

6th–10thAug,

2018

06. COMMENDATION

**i. Letter of Commendation
for Dedication and
Vigilance on Examination**

**Malpractice 2017/2018
Academic Session by the
Registrar, FUNAAB
2018**

07. MEMBERSHIP OF
PROFESSIONAL BODIES

**i. Member, Association of
Nigerian Geographers**

**ii. Member, Environmental
and Geospatial
Information in Africa**

**iii. Member, International
Society for
Photogrammetry and
Remote Sensing**

**iv. Member, Environmental
and Behaviour Association
of Nigeria**

**v. Member, Soil Science
Society of Nigeria.**

**vi. Member, International Soil
Moisture Network**

**vii. Member, International Co-
operative Programme on
Assessment and**

**Monitoring of Air Pollution
Effects on Forests**

**08. RESEARCH INTEREST
OR COMMISSIONED PROJECTS**

Completed Projects

- i. Assessment of heavy metal
pollution level in street and leaf
deposited
dust in urban
environment**

2019

- ii. Spatial heterogeneity of element
fluxes in atmospheric deposition
along
a rural-urban gradient in a part
of Ogun State Nigeria.**

2019

In Progress

- i. GIS-based sensitivity
analysis of community
vulnerability to climate
change induced disaster in
Ogun State Nigeria.**
- ii. Local Climatic Zoning and
surface urban heat island
(SUHI) assessment in
emerging cities.**

- iii. **Using RS and GIS to resolve climate change induce land use conflicts in Nigeria.**
- iv. **Mapping and assessing food security situations in Nigeria with GIS and Remote Sensing.**
- v. **Spatial Distribution and Health Risk Assessment of Soil Heavy Metal in Industrial Town of Sango-Ota, Nigeria**

09. PUBLICATIONS

Research Reports,
Dissertation and Thesis

- (i) Adedeji, O.H.
(1993): Implications of land use and land cover changes in Isheri, Lagos State. Unpublished BSc. Research Report Submitted to the Department of Geography and Planning. University of Lagos, Akoka, Yaba, Lagos, Nigeria. 67 p.
- (ii) Adedeji, O.H.
(1998): Peoples' perception of land degradation. A case study of Ijebu-Ode area of Ogun State, Nigeria. MSc. Dissertation, University of Ibadan, Ibadan, Nigeria. 81 p.

- (iii) Adedeji, O.H. (2008): **Nutrient cycling in an agroecosystem of rubber plantation in Ikenne, Southwestern, Nigeria. PhD Thesis University of Ibadan, Ibadan, Nigeria. 207 p.**
- (iv) **Adedeji, O.H.** (2010): Monitoring the spatial pattern of land cover change using remotely sensed imageries and GIS: A case study of Omo-Shasha-Oluwa forest reserve, Southwestern Nigeria. PGD, Final Project Submitted to Department of Natural Resource Management, Faculty for Geo-Information Science and Earth Observation (ITC), University of Twente, Enschede, the Netherlands. 24 p.

Articles in Learned Journals

- 1) **Adedeji, O.H.** (2001): Tropical Forest Dereservation and Degradation: Challenges to Stabilizing Soil Resources and Sustainable Development in Nigeria. *Knowledge Review. A Multidisciplinary Journal of National Association for the*

- Advancement of Knowledge.*
4(3):114-126. Published by
National Association for
the Advancement of
Knowledge, University of Benin,
Benin City. Nigeria.
- 2) **Adedeji, O.H.** and Somuyiwa,
A.O. (2003): Corporate
Environmental Behaviour and
Criminality in
Nigeria. *Nigerian Journal of
Environment and Behaviour.*
1(1): 28-34
Published by Environment
and Behaviour Association of
Nigeria (EBAN).
- 3) **Adedeji, O.H.** and Ewedairo,
K.S. (2003): Promoting Gender
Sensitivity and Gender
Mainstreaming in
Environmental Issues.
Challenges of Globalisation and
Sustainable
Development in Nigeria.
*Knowledge Review: A
Multidisciplinary Journal of
National
Association for the
Advancement of Knowledge.*
6(2):71-78
- 4) **Adedeji, O.H.**, Somuyiwa, A.O.,
and Odufuwa, B.O. (2005):
Gender Perspectives for
Enhanced
Environmental Education
and Awareness in West Africa.
*International Journal and
Related Studies.*
2(1):419-431
- 5) **Adedeji, O.H.** and Odufuwa,
B.O. (2005): An Overview of the

Complimentarily between

Environmental Degradation
and Gender in Africa. *Journal
and Related Studies.*

2(1):489-501

- 6) **Adedeji, O.H.** (2006):
Globalization and the Nigerian
Economy: Challenges to
Sustainable
Environmental Management
and Development. *Ijagun
Journal of Social and
Management
Sciences.* (2):12-25
- 7) **Adedeji, O.H.** and Akanni, C.O.
(2007): Effects of Organic
Amendments and Litter Cover
on Soil (*Oxic
Udox*) Quality in Ago-Iwoye
Farm Settlement, Southwestern,
Nigeria.
Environtropica. 4(1&2):22-31.
Published by Department of
Zoology,
Obafemi Awolowo
University, Ile-Ife, Nigeria.
- 8) **Adedeji, O.H.** and Akanni, C.O.
(2007): Determining Trace Metal
Contents in Throughfall,
Litterfall and Soils at
a Small Watershed in Ikenne, SW
Nigeria *Journal of
Environmental
Studies.* 3(1):1-7. Published by
International Research and
Development
Institute, Nigeria.
- 9) **Adedeji, O.H.** (2007): Impacts
of Urban and Peri-Urban
Agriculture on Soil Quality in
Ijebu-North
LGA of Ogun State, Nigeria.

***OOU Journal of Environmental
Technology.***

1(1):125-134. Published by
Faculty of Environmental
Technology,

Olabisi Onabanjo University,
Ago-Iwoye, Nigeria.

- 10) **Adedeji, O.H.** (2007): Progress
and Problems of Geographical
Discipline in Higher Education:
The Need for
Scholarship of Teaching in
Nigeria. ***Journal of the Nigerian
Academic Forum.***

13(1):35-42

- 11) **Adedeji, O.H.**, Somuyiwa, A.O.,
and Odufuwa, B.O. (2007):
Automobile Dependency and

Environmental Quality
within the Context of Transport
Demand Management in

Sub-Saharan Africa.

***Journal of Geography,
Environment and Planning***

(JOGEP). 3(1):75-84.

Published by Department of
Geography and Planning

Science, Faculty of
Social Sciences, University of
Ado-Ekiti, Nigeria.

- f12) Odufuwa, B.O., Olateru-
Olagbegi, O., and **Adedeji,
O.H.** (2008): Environmental
Conflicts and
Sustainable Development in
Nigeria: Challenges for
Governance and

Environmental
Sustainability. ***African***

***Journal of Technological
Policy.*** 3(1):216-

234. Published by

Ghana Institute of Certified
Public Administration,
Ghana.

- f13) **Adedeji, O.H.** (2008): Sulphate, Chloride and Nitrogen Compound Concentration in Atmospheric Deposition and Effects on Nutrient Cycling in a Rubber Plantation Agroecosystem at Ikenne, SW Nigeria. *Environmental Research Journal*. 2(2):80-87. Published by Medwell Journals. Pakistan. Available online at: <http://www.medwelljournals.com>
14. **Adedeji, O.H.** (2008): Climate Change and Energy Access in Nigeria: The Need for Sustainable and Integrated Energy Management. *Journal of Geography, Environment and Planning (JOGEP)*. 4(1):70-82. Published by Department of Geography and Planning Science, Faculty of Social Sciences, University of Ado-Ekiti, Nigeria
- f15) **Adedeji, O.H.** and Ademiluyi, I.A. (2009): Urban Agriculture and Urban Land Use Planning. Need For A Synthesis in Metropolitan Lagos, Nigeria. *Journal of Geography and Regional Planning*. 2(3):43-50. Published by

Academic Journals.
USA Available online
at:
<http://www.academicjournals.org/JGRP/>

- 16) **Adedeji, O.H.** (2011): Atmospheric Deposition of Base Cations and Soil Chemistry in Tree Crop Agroecosystems in Ogun State, SW Nigeria. *Journal of Engineering and Environmental Studies*. 2(1):23-28. Published by Faculty of Environmental Technology, Olabisi Onabanjo University, Ago-Iwoye. Nigeria.
- f17) Odufuwa, B.O., **Adedeji, O.H.**, Oladesu, J.O. and Bongwa, A. (2012): Flood of Fury in Nigerian Cities. *Journal of Sustainable Development*. 5(7):69-79. ISSN 1913-9063 E-ISSN 1913-9071. Published by Canadian Center of Science and Education Canada Available online at: www.ccsenet.org/jsd
- f18. Gbadebo, A.M., Kehinde, I.A. and **Adedeji, O.H.** (2012): Participatory Roles of Women in Quarrying Activities in Abeokuta Metropolis. *Global Journals of Human and Social Sciences*. Volume 12 Issue 13C, p.12-25 Published by Global Journals Inc., Cambridge Office Center, II Canal Park, Floor

- No. 5th, Cambridge
(Massachusetts)
USA. Available online at:
www.GlobalJournals.org
- f19). **Adedeji, O.H.**, Odufuwa,
Bashir. O and Adebayo, H.
O. (2012): Building
capabilities for flood
disaster and hazard
preparedness and risk
reduction in Nigeria: Need
for spatial planning and
land management. *Journal
of Sustainable Development
Africa*. 14(1): 45-58.
Published by Clarion
University of Pennsylvania,
Clarion, Pennsylvania,
USA Available online
at:<http://www.jsd-africa.com/>
- f20). **Adedeji, O.H.** and
Gbadegesin, A.S. (2012):
Base Cation Leaching from
the Canopy of a
Rubber (*Hevea
brasiliensis willd. Muell-
Arg*) Plantation at Ikenne,
South West Nigeria
*Ethiopian Journal of
Environmental Studies and
Management*. 5(4):384-
390. Published by
Department of Geography
and Environmental
Studies, Bahir Dar
University. Ethiopia.
Available online at:
[http://dx.doi.org/10.4
314/ejesm.v5i4](http://dx.doi.org/10.4314/ejesm.v5i4).
- 21). **Adedeji, O.H.**, Olayinka, O.O.
and Oyebanji, F.F (2013):
Assessment of Traffic Related
Heavy

Metals Pollution of Roadside Soils in Emerging Urban Centres in Ijebu-

North area of Ogun State, Nigeria. *Journal of Applied Science and*

Environmental

Management. 17(4): 509-514.

Published by World Bank

Assisted National

Agricultural Research

Project (NARP) [University of](#)

[Port-Harcourt](#).

Available online

at:www.bioline.org.br/ja

- f22). Oyebanji, F.F., Adeofun, C.O., **Adedeji, O.H.**, Ekpo, U.F., Oguntoke, O. and Ojekunle, O.Z. (2013): Assessment of Respiratory Health Impact of Fuel-Wood

Utilization on Exposed Rural Women in Odeda, Southwestern, Nigeria. *Global Journal of Science Frontier Research Environment & Earth Science*. 13(4):17-

24. Published by Global Journals Inc., Cambridge Office Center, II Canal Park,

Floor No. 5th, *Cambridge (Massachusetts)* USA

Available online

at:www.GlobalJournals.org

- f23). Olayinka, O.O., **Adedeji, O.H.** and Oladeru, I.B. (2013): Water Quality and

Bacteriological Assessment

Of Slaughterhouse Effluent On
Urban River in

Nigeria. *Journal of Applied
Science in Environmental
Sanitation.* 8(4):277-286.

Published by
Department of Environmental
Engineering, Sepuluh
Nopember

Institute of Technology (ITS)
Surabaya, and Indonesian
Society of Sanitary and
Environmental
Engineers (IATPI) Jakarta,
Indonesia. Available online at:

<http://www.trisanita.org/jases>

f24). **Adedeji, O.H.** and Olayinka,
O.O. (2013): Heavy Metal
Concentrations In Urban

Stormwater Runoff and
Receiving Stream. *Journal of
Environment and Earth
Sciences.*

3(7):141-150. Published by
International Institute for
Science,

Technology and Education
(IISTE). USA Available
online at:

<http://www.iiste.org>

f25). **Adedeji, O.H.** and Olayinka,
O.O. (2014): Concentrations of
Heavy Metals in Dumpsite
Leachate and
Effects on Adjacent Stream on
Ajakanga, Ibadan, Nigeria.

Journal of Applied Science in Environmental Sanitation.
9(2):113-122. Published by
Department
of Environmental Engineering,
Sepuluh Nopember Institute of
Technology
(ITS) Surabaya, and
Indonesian Society of Sanitary
and
Environmental Engineers
(IATPI) Jakarta, Indonesia
Available online at:

<http://www.trisanita.org/jases>

- f26). Olayinka, O.O. **Adedeji, O.H.**
and Sanni, S.S. (2014): Water
Quality of Hand-Dug Wells
at Close
Proximity to Pit Latrine and its
Health Implication in Isara-
Remo,
Nigeria. [Journal of
Environmental Science,
Toxicology and Food
Technology.](#)
[8\(6\):Ver.II:56-64. Published
by International Organization
of Scientific Research.
USA. Available online at:
\[www.iosrjournals.org\]\(http://www.iosrjournals.org\)](#)

- f27). Olayinka, O.O. and **Adedeji,
O.H.** (2014): Concentration of
heavy metals in soils and
water near
some mechanic villages in
Abeokuta Metropolis, Ogun
State, Nigeria.
[Journal of Advances in
Chemistry.](#) [8\(3\):1667-1679,
Published by Council for](#)

Innovative
Research. USA Available
online at: www.cirworld.com,

- f28). Olayinka, O.O. and **Adedeji, O.H.** and Dada, O. (2014):
Determination of
Concentrations
of Heavy Metals In
Municipal Dumpsite Soil And
Plants at Oke-Ogi, Iree,
Nigeria.

***International Research
Journal of Pure & Applied
Chemistry.***

4(6):656-669.

Published by Science Domain
International, Third Floor, 207
Regent

Street, London, W1B 3H
United Kingdom Available
online

at:

<http://www.sciencedomain.org>

- f29). **Adedeji, O.H.**, Adebayo, H. O.
and Sotayo, E.I. (2014):
Assessing environmental

impacts of inland sand
mining in parts of Ogun State,
Nigeria. ***Ethiopian Journal
of Environmental
Studies and Management.***

7(5): 478 – 487. Published by
Department

of Geography and
Environmental Studies, Bahir
Dar University.

Ethiopia. Available online
at: <http://dx.doi.org/10.4314/ejesm.v5i4>.

- f30). **Adedeji, O.H.**, Olayinka, O.O.
and Nwanya, F.C. (2014): Soil
and Water Pollution

Levels in and around
Urban Scrapyards. *Journal of
Environmental Science,
Toxicology
and Food Technology.* 8(4)
Ver. II, 01-08. Published by
International
Organization of Scientific
Research. USA Available
online

at:www.iosrjournals.org

- f31). **Adedeji, O.H.** and Olayinka,
O.O. (2014): Micro-Pollutants
in Urban Residential Roof
Runoff:
Environmental and Health
Implications. *Journal of
Environmental Science,
Toxicology and Food
Technology.* 8, (2) Ver. III: 55-
63. Published by International
Organization
of Scientific Research, USA.
Available online

at:www.iosrjournals.org

- f32). **Adedeji, O.H.** and Gbadegesin,
A.S. (2014): Comparing
Throughfall and Litterfall
Nutrient Fluxes In A
Rubber (*Hevea brasiliensis*
Willd. Muell-Arg) Plantation
Agro-
ecosystem at Ikenne, South-
west Nigeria. *Applied
Environmental Research,*
36(3): 17-28.
Published by Environmental
Research Institute,

Chulalongkorn University,
Bangkok, Thailand. Available

online at:

<http://www.tci-thaijo.org/index.php/jer>

- f33). **Adedeji, O.H.** and Gbadegesin, A.S. (2014): Dynamics and Fluxes of Nutrient in

Throughfall in Rubber Plantation (*Hevea brasiliensis* Willd. Muell-Arg) at Ikenne, SW, Nigeria. [Trends in Applied Science Research](#). 9(5): 200-218 Published by

Science Alert. New York, USA Available online at: <http://scialet.net/jindex.php>

- f34). **Adedeji, O.H.** and Adeofun, C.O. (2014): Spatial Pattern of the Land Cover Change Using Remotely Sensed Imagery and GIS: A Case Study of Omo-Shasha-Oluwa Forest

Reserve, SW. Nigeria (1986-2002). *Journal of Geographic Information System*.

6:375-385. Published by SciRes. USA. Available online at:

<http://www.scirp.org/journal/jgis>

- 35). Oladoye, A.O., **Adedeji, O.H.**, Osinowo, O.O., Basiru, A.O. and Yisau, J.A.

(2014):Phytosociological Assessment of Understorey Species in *Leuceana leucocephala* and *Gmelina arborea* stands in Federal University of

- Agriculture,
Abeokuta. ***Forests and
Forest Products Journal***. 6: 9-
17. Published by Forest
and Forest
Product Society.
Federal University Of
Technology Akure, Nigeria
- 36). **Adedeji, O.H.** (2015):
Patterns of Nitrogen
Mineralization and nitrification
in a rubber
(*Hevea brasiliensis-Willd.
Muell.-Arg*) plantation
agroecosystem in relation to
age stands in
southwestern Nigeria. ***Journal
of Environmental
Technology***.
6(1):125-134.
Published by Faculty of
Environmental Technology,
Olabisi
Onabanjo University, Ago-
Iwoye, Nigeria.
- f37). **Adedeji, O.H.** and Olayinka,
O.O. (2015): Assessment of
Groundwater Contamination
by
Textile Effluent of
Discharges in Ikorodu, Nigeria.
***Applied Environmental
Research***. 37
(1): 35-48. Published by
Environmental Research
Institute,
Chulalongkorn
University, Bangkok.,
Thailand. Available online at:

[http://www.tci-
thaijo.org/index.php/jer](http://www.tci-thaijo.org/index.php/jer)

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Nil

Books: Nil

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**Architecture,
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77. Oyegbami, A.I. and **Adedeji, O.H.** (2019): The Role of Urban Forest in Mitigating Climate Change and Creating Green Space in Nigeria. *Proceedings of the 2nd Edition of World Environmental Conservation Conference 5th - 8th June, 2019. Federal University of Technology, Akure* Agele, S.O and Oladeji, S.O (Eds) 353-358
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Technical

Reports/Exhibition/Patents: -

1. **Solanke, M.O., Adedeji, O. H., Raji, B.A., Otun, W.O. and Adebayo, O.H. (2009): Safe**

Vehicular/Pedestrian Traffic Management at Lafarge Ewekoro Plant. A Final Report

Submitted to Lafarge Cement WAPCO, Nigeria. By Centre for Transport Studies, Olabisi

Onabanjo University, Ago-Iwoye, Nigeria. 10th July 2009

Papers Submitted for Publication

9. MAJOR CONFERENCE ATTENDED WITH PAPER READ (include):
 - i. **Maiden Conference of the Centre for Biodiversity Conservation and Ecosystem Management, University of Lagos, Lagos (2019)**

Paper Presented: Residents' Perception of Urban Forest Tress in Osogbo, Nigeria: Implications on Environmental Sustainability of Africa's Biodiversity.

- i. **The 2nd Edition of World Environmental Conservation Conference, Federal University of Technology, Akure (2019).**

Paper Presented: The role of urban forest in mitigating climate change and creating green space in Nigeria.

- i. **2nd GIS Researcher in Africa (GISRAfrica 2017) Conference. BON Hotel Stratton, Bola Ige Close, Asokoro, Abuja, Nigeria. Nov. 23rd-24th 2017**

Paper Presented: Exploring Relationships between Urban Heat Island Effect and Land Use/Land Cover Types in Ibadan, Nigeria.

- i. **57th Annual Conference of the Nigerian Geographical Association (ANG) University of Lagos, 10th-15th April 2016**

Paper Presented: Urban Flood Risk and Vulnerability Mapping around Olodo River, Ibadan, Nigeria.

10. EXTRA CURRICULAR ACTIVITIES

Basketball

Scrabble

Reading

Drawing and Painting

11. REFEREES

1. Professor A.S. Gbadegesin
Department of Geography
University of Ibadan
Ibadan,
Nigeria
2. Professor T.A. Arowolo
Department of
Environmental Management and
Toxicology
Federal University of
Agriculture,
PMB 2240, Abeokuta,
Nigeria
3. Professor W.O. Alegbeleye
Department of Aquaculture
and Fisheries Management
Federal University of
Agriculture,
PMB 2240, Abeokuta,
Nigeria

Signature

Date

CONTRIBUTION TO KNOWLEDGE

My area of specialization is in the field of physical geography with emphasis on Environmental and Natural Resources Analysis with the application of Geospatial Techniques. The main focus of my research publications and which I have made contributions to knowledge has been in environmental issues such as assessment and monitoring of environmental pollution, atmospheric deposition of nutrients and pollutants, disaster risk management, and geospatial analysis of land use/land cover changes with its consequences.

Specifically, my research focus in this area have been majorly on the assessment of various form of environmental degradation with emphasis on soil and water pollution, traffic related air pollution, microbial pollution of water sources . My training in geospatial techniques have afforded me the opportunity to have conducted researches in the many diverse applications of Remote Sensing and Geographical Information System (GIS) in areas such as land use/land cover change, change detection, vegetation loss, spatial distribution of pollutants, and natural resource analysis. In view of the fact that agriculture is mostly rain-fed in Nigeria, and that nutrient supply is limiting, I have conducted studies into the analysis of atmospheric deposition and nutrient cycling in forest and plantation agroecosystem, measurement of litter decomposition. I also evaluated the amount of nutrient available naturally and find out how to ameliorate shortage in nutrient supply. I am also interested in carbon and nitrogen stock in soils under different land cover and land use types.

The rapid changes in the urban environment due to human activities is also of interest and

I have conducted studies on problems associated with urban land use such as the impact of urban agriculture on soil quality, pollution of soil and water in urban areas.

My studies have focused on building capabilities for flood disaster and hazard preparedness and risk reduction using spatial planning and flood mapping. Generally, majority of my publications were focused on application of current geographical knowledge and analytical techniques to solving contemporary environmental and natural resource problems. Therefore, the Readership should be in Geography (Environmental & Natural Resource Analysis, Geospatial Techniques - Remote Sensing and GIS).