### INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN SOCIAL SCIENCES, ENVIRONMENTAL STUDIES & TECHNOLOGY

**ISSN Print:** 2536-6505 **ISSN Online:** 2536-6513 Vol. 9 No. 1 February, 2025

#### Published by

International Scientific Research Consortium United Kingdom

**DOI:** 10.48028/iiprds/ijarssest.v9.i1

**Impact Factor:** 1.33

Frequency: Biannually

**Open Access Policy:** This journal provides immediate open access to its content on the principle of making research freely available to the public supports for a greater global exchange of knowledge.

**Disclaimer:** The views and ideas expressed in articles/ review are those of the authors(s) and not necessarily of the Editorial Board. Articles are published in good faith and the author(s) will be liable for any copyright infringements.

#### **Editorial Contact**

International Scientific Research Consortium **Dr. Abdulazeez D. El-Ladan**The Future Institute
10 Coventry Innovation Village
Coventry University
Technology Park, CV1 2TL, United Kingdom

#### Editorial and Advisory Board Professor Adebayo Elizabeth

Department of Agricultural Economics and Extension School of Agric and Agric Tech., MAUTECH, Yola-Adamawa State, Nigeria

#### **Professor Phil Marplet**

School of Humanities and Social Sciences University of East London, UK

#### Professor A. S. Antai

Department of Economics University of Calabar, Nigeria

#### Dr. Ben Uwadiegwu

Dept of Environmental Management Nnamdi Azikiwe University, Awka, Nigeria

#### Dr. Chinelo Nwokolo

Department of General Studies Federal University of Petroleum Resources, Delta State – Nigeria

#### Dr. Esther Adebitan

Department of Hospitality Management Kenyatta University, Nairobi – Kenya

#### Abdulkadir Sarauta

Dept of Environmental Management, Faculty of Environmental Tech. Abubakar Tafawa Balewa University, Bauchi State – Nigeria

### INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN SOCIAL SCIENCES, ENVIRONMENTAL STUDIES & TECHNOLOGY

**ISSN Print:** 2536-6505 **ISSN Online:** 2536-6513 Vol. 9 No. 1 February, 2025

#### International Directorate of Policy & Research

Prof. Chukwuemeka Jude Diji

Deputy Vice Chancellor (Research, Innovations, Consultancy and Extension) Kampala International University, Kampala - Uganda

#### PT. Hussein Botchway

University of Energy & Natural Resources Sunyani, Ghana

#### ED. Jonah Ulebor

Lextra Education Ltd Leeds, LS 117HL, United Kingdom admin@internationalpolicybrief.org

#### **Editorial Objectives**

The International Journal of Advanced Research in Social Sciences, Environmental Studies & Technology (IJARSSEST), examines research articles in Social sciences, Environmental Studies and Technology. Articles examine contemporary issues that strengthen the framework for sustainable development. Papers are reviewed through a double-blind peer review process to ensure originality, relevance and quality.

#### Indexing/Abstracting/Library

The journal is processed for inclusion in,

- ◆ Google Scholar
- ◆ PIAS International Fact Sheets/Achieves
- ◆ Ulrich's Periodicals Directory (ProQuest)
- ◆ International Bibliography of the Social Sciences (IBSS)
- ♦ National Library of Nigeria cataloguing in publication data
- ◆ Brilliant International Research Library

Index, author's guidelines, ethics in publishing and ethical guidelines for journal publication see:

http://www.internationalpolicybrief.org/journals

http://www.internationalpolicybrief.org/about-us/peer-review

http://www.elsevier.com/publishingethics

http://www.elsevier.com/journal-authors/ethics

**International Copyright Law:** All right reserved under the International Copyright Law. This volume is published by the International Scientific Research Consortium UK, in research league with International Institute for Policy Review & Development Strategies. This journal-its cover page design and content may not be used or produced in any manner without written permission from the International Institute for Policy Review and Development Strategies.

**Reference:** We accept American Psychological Association (APA) and a double or triple in text citation (Stephen, 2012 or Stephen, 2012: 14)

# Contents

	Paper Title/Author(s)	Page
1	Public Expenditure and Economic Development in Selected African Countries	
	<sup>1</sup> Nwaguru, Wisdom Ezemndi, <sup>2</sup> Okafor, Chukwunyeaka Linus & <sup>3</sup> Anukam, Stephen Chidozirim	1
2	Environmental Policy and Sustainable Development in Nigeria's Niger Delta: A Critical Look at the National Oil Spill Detection and	
	Response Agency (NOSDRA)  ¹Tokpo Coronation Edward & ²Rufus, Anthony	17
3	A Study on Impact of Globalization on Literature Dr. P. Shobha	34
4	The Effect of Plastic Sachet Water Waste in Kafanchan Town, Kaduna State, Nigeria	
	<sup>1</sup> Junias Kumai Avong, <sup>2</sup> Christopher Maikano Musa, & <sup>3</sup> Mathias Dauda Amishe	40
5	The Ripple Effect of Insecurity on Tourism Development in Southern Kaduna	
	<sup>1</sup> Kachiro Leo Keziah, <sup>2</sup> Joseph Fumibugba Faith & <sup>3</sup> Idris Hamza	54
6	The Role of the Environment in Migrations and Settlements of Jukun Awanu People Along the Benue Valley	
	Bello Zakariya Abubakar	67
7	<b>Developmental Issues and Concerns of the Environment</b> Opata J. O. C.	77
8	Impact of an Improvised AC Generator System on Students' Performance in Basic Science and Technology in Lagos State Schools <sup>1</sup> Isiaka A. Raheem, <sup>2</sup> Ganiyat P. Raheem-Folayinka,	
	<sup>3</sup> Abdulsalam Abdukarim, <sup>4</sup> Afolabi Adedayo & <sup>5</sup> Ufomanefe Kayode	90
9	A Data-Oriented Approach for Outlier Detection Nripesh Trivedi	105

# Contents

	Paper Title/Author(s)	PAGE
10	Test on the Effect of Palm Kernel Shells and Seeds as Additives on the Characteristics of Cast Aluminum Pulley Using Green Sand Mold	
	<sup>1</sup> Umar Usman Maikunkele & <sup>2</sup> Idris Abubakar Yashi	111
11	Women and Sustainable Development: Examining the Role of Women in Accelerating Progress on SDG 13 (Climate Action) in Africa	
	Chioma Scholastica Ugwu	134