

INTERNATIONAL JOURNAL OF RESEARCH FINDINGS IN ENGINEERING,
SCIENCE AND TECHNOLOGY

ISSN Print: 2315-8417

ISSN Online: 2489-0138

Vol. 3. No. 1 Nov., 2019

Published by

International Scientific Research Consortium
United Kingdom

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

Engr. (Dr.) Diji Chukwuemeka
Deputy Vice - Chancellor
Research Innovations, Consultancy and Extension
Kampala International University

Dr. Manoj Shukla

Department of Electronic Engineering
Harcourt Butler Technological Institute

Dr. Babajide Veronica Folasade T.

Faculty of Education
University of Lagos, Akoka, Nigeria

Dr. Yakubu Yeldu

College of Science and Technology,
Waziri Umaru Federal Polytechnic,
Birnin Kebbi, Kebbi State, Nigeria

PT. Hussein Botchway

University of Energy & Natural Resources,
Sunyani, Ghana

Engr. Sani M. Lawal

Department of Electrical and Electronics Engineering,
College of Engineering, Kaduna Polytechnic, Kaduna - Nigeria

INTERNATIONAL JOURNAL OF RESEARCH FINDINGS IN ENGINEERING,
SCIENCE AND TECHNOLOGY

ISSN Print: 2315-8417

ISSN Online: 2489-0138

Vol. 3. No. 1 Nov., 2019

International Directorate of Policy & Research

c/o Engr. (Dr.) Diji Chuks

Department of Mechanical Engineering

Faculty of Technology, University of Ibadan, Ibadan - Nigeria

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 Research Findings in Engineering, Science and Technology (IJRFEST) promotes and publishes high quality original research papers, reviews, and short communications, in the fields of Engineering, Science and Technology. Issues published provides a framework for advancing the service sciences in their theoretical and practical aspects, serving as a vehicle for the development of service sciences, management and engineering as a broad, multi-disciplinary research areas including disciplines as computer science, software engineering, operations research, management sciences, marketing, and psychology, among others.

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

<u>Paper Title/ Author(s)</u>		
1	Feasibility Studies and Design of a Solar Farm to Supply 4000gwh/Year of Electrical Energy to the Nigerian National Grid <i>¹Onyishi H. O. & ²Ononiwu H. N.</i>	1
2	Impact of Climate Change on Rainfall Pattern and Distribution in Afikpo North Local Government Area of Ebonyi State, Nigeria <i>¹Oga, I. O., ²Oga, M.O. & ³Ukpai Obinna</i>	15
3	Accessible and Universal Buildings: A Review of Special Design Needs Towards Sustainability in Nigeria <i>¹Dauda Ali Madu, ²Yerima Mohammed, ³Oluwasseun Olayemi & ⁴Osunkunle Abdulmageed</i>	29
4	Engineering Application of Locally Source Technology: The Reversed Engineering of Groundnut Oil Extractor <i>¹Maina, M. N., ²Hammajam, A. A. ³Abubakar, A. B. & ⁴Mshelia, Z. A.</i>	39
5	Bus Rapid Transit Services and System: A Remedy to Public Transport Challenges and National Development in Nigeria <i>¹Babatope Andrew Ogundare & ²Dominic Chukwuka Ndulue</i>	52