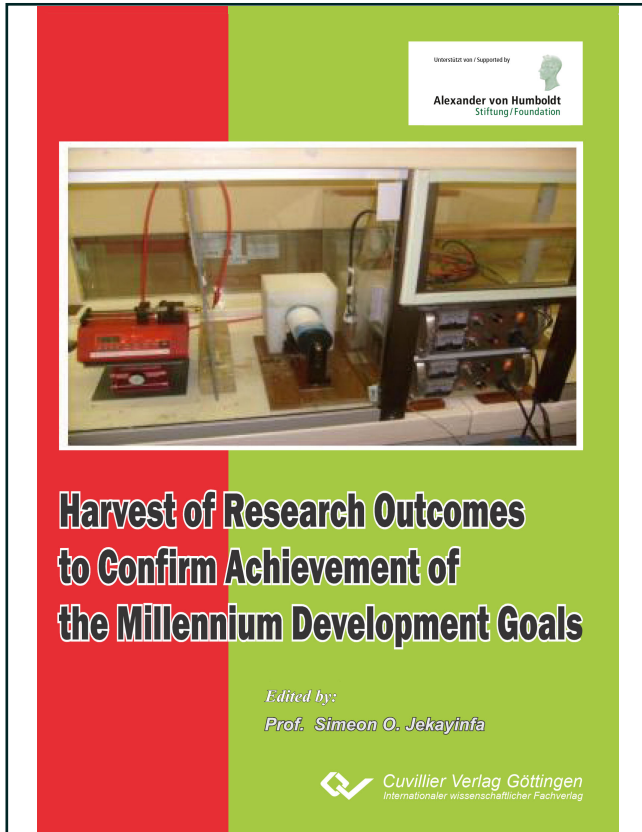




Simeon O. Jekayinfa (Herausgeber)

## **Harvest of research outcomes to confirm achievement of the millennium development goals**



<https://cuvillier.de/de/shop/publications/7615>

Copyright:

Cuvillier Verlag, Inhaberin Annette Jentsch-Cuvillier, Nonnenstieg 8, 37075 Göttingen, Germany

Telefon: +49 (0)551 54724-0, E-Mail: [info@cuvillier.de](mailto:info@cuvillier.de), Website: <https://cuvillier.de>



## INHALTSVERZEICHNIS

VEHICULAR EMISSION: CARBON SEQUESTRATION POTENTIAL OF TEAK TREE (TECTONA GRANDIS) IN ABEOKUTA METROPOLIS	
Babalola A. A, Layenia, T. N., and Lawal N.S.....	1
EFFICACY OF TOOTHPASTE PRODUCED FROM COMBINATION OF SELECTED HERBAL PLANTS IN CAUSING DENTAL CARIES	
Onigbinde I. O., Oluyeye A.O., and Fabiyi J. S. ....	12
ASSESSMENT OF LAND GRADING CUT-FILL RATIO ADJUSTMENT ON SOIL LOSSES	
Asuzu, C. C. and Orji, F. N .....	20
EVALUATION OF SOME TRACE ELEMENT CONCENTRATION IN ISSELE MKPITIME LAKE, DELTA STATE, NIGERIA	
Pearse, O. F. and Oroja, A.....	27
MILLENNIUM DEVELOPMENT GOALS: A CASE OF GREENHOUSE GASES AND BLACK CARBON EMISSIONS FROM GAS FLARED IN THE NIGER DELTA AREA OF NIGERIA	
Solomon O. G., Collins N. N. ....	33
MODELING OF TRACE GAS POLLUTION FROM INSTITUTIONAL WASTE DUMPSITES USING GABI <sub>6</sub> TOOL	
Kassim, H.T., Siyanbola, O.O. and Ojoawo S.O.....	45
HYBRID CONTEXT-CONTENT BASED INFORMATION RETRIEVAL IN PICTURE ARCHIVING AND COMMUNICATION SYSTEMS	
Alamu F. O., Emuoyibofarhe O.J., and Aworinde H. O. ....	54
THE EFFECT OF ACTIVATED CARBON FILTRATION TREATMENT FOR WATER QUALITY ASSESSMENT	
Orji, F. N.....	61
PROSPECT OF BIOCHEMICAL PROCESS FOR THE IMPROVEMENT OF MILLENNIUM DEVELOPMENT GOALS (MDGS) IN THE RURAL AREAS	
Alaofin O., Aggary S.E., and Alade A.O.....	70
COMPACTION CHARACTERISTICS AND DELINEATION OF ACCEPTABLE ZONES FOR WASTE WOOD ASH TREATED LATERITIC SOIL	
Oluremi J. R. , Eberemu A. O. and Osinubi K. J. ....	79
FINITE ELEMENT MODELING OF THERMAL STRESS AND FATIGUE LIFE IN AMORPHOUS SILICON SOLAR CELLS	
Asafa T. B. ....	90



BRIQUETTING CHARACTERISTICS OF SOME AGRICULTURAL RESIDUES USING STARCH AS A BINDER	
Alhassan E. A. and Olaoye J. O. ....	97
A STUDY OF OUTAGE PROBABILITY ANALYSIS OF DIVERSITY COMBINING OVER COMBINED RAYLEIGH AND Rician FADING CHANNELS	
Adeyemo, Z. K., Ojedokun, I. A. ....	109
ERGONOMIC DESIGN AND ENERGY UTILIZATION EVALUATION IN BAKERY OPERATION IN OGBOMOSO, OYO STATE	
Raheem W.A., Enwerem, G. C., Adebisi K.A. and Onawumi A.S. ....	119
EFFECTS OF OPERATING PARAMETERS ON PERFORMANCE AND EXHAUST GAS EMISSIONS OF SPARK IGNITION ENGINES	
Aderibigbe A.A., Fasogbon S.K., Ogunsola A.D. and Adio T.A. ....	127
AIRBORNE PARTICULATE MATTER IN THE ATMOSPHERIC ENVIRONMENT OF A TOBACCO MANUFACTURING PLANT	
Adeniran, J. A., Jimoda, L. A., Adesanmi, A. J., Fakinle, B. S. and Sonibare, J. A. ....	136
THE DEVELOPMENT OF PYROLYSIS EQUIPMENT FOR MANAGING OIL PALM BUNCH ( <i>Elaeis guineensis</i> Jacq), REFUSE	
Adeosun O.J., Olorunnisola A.O., Lucas E.B. ....	147
ECONOMIC ANALYSIS OF HEAVY METALS POLLUTION ON SOIL, OCEAN AND RICE PRODUCTION IN NIGERIA	
Ezekiel, A. A. ....	155
STUDY OF PROBABILITY OF DETECTION FOR PRIMARY USER IN COGNITIVE RADIO USING ENERGY DETECTOR	
Adeyemo Z. K., Ojo, S. I. ....	161
THE POTENTIALITIES OF THE AFRICAN WALNUT ROOT ( <i>Plukenetia conopsea</i> ) IN THE MANAGEMENT OF SOME DISEASES (CHRONIC COUGH) IN NIGERIA	
Ayoola P.B., Faboya O.O.P. and Onawumi O.O.E. ....	170
THE MODULAR PETROLEUM REFINERY ALTERNATIVE AS AN ENERGY SECURITY AND ENVIRONMENTAL SUSTAINABILITY STRATEGY IN NIGERIA: A TECHNOLOGY POLICY ASSESSMENT	
Ogundari I.O., Akinwale Y. O., Adepoju A.O., and Akarakiri J.B. ....	183
PYROLYSIS OF OIL-PALM HUSK AND OPTIMIZATION OF PYROLYTIC OIL YIELD	
Itabiyi, O. E. ....	199
IDENTIFICATION AND CHARACTERISATION OF WETLANDS FOR SUSTAINABLE DEVELOPMENT IN EDE REGION, SOUTHWESTERN NIGERIA	
Gasu, M. B. ....	206



EXPLORATION OF RENEWABLE ENERGY RESOURCES FOR SUSTAINABLE DEVELOPMENT IN NIGERIA	
Akinwale Y.O., Ogundari I.O. and Adepoju A.O. ....	218
NUTRITIONAL CHARACTERIZATION OF LEAVES AND SEEDS OF CALOTROPIS PROCERA	
Bello, M.O. and Yekeen, T.A. ....	230
TOWARDS REDUCING CHILD AND MATERNAL MORTALITY IN NIGERIA: E-PRESCRIPTION AS A CATHOLICON	
Aworinde H. O., Alamu F. O., Komolafe V. O. ....	236
CHEMICAL SPECIATION AND POTENTIAL MOBILITY OF HEAVY METALS IN THE SOIL AT TRAILER PARKS IN SOME SELECTED TOWNS IN SOUTH WESTERN NIGERIA	
Onawumi O. O. E., Akintunde E. A. and Adeoye I. O. ....	242
SOCIO-ECONOMIC CONTRIBUTIONS OF COTTAGE INDUSTRIES TO RURAL LIVELIHOOD IN NIGERIA	
Habdulakeem B. B., Jonathan C. O. and Adeoye A. I. ....	252
TOXICOLOGICAL IMPLICATIONS OF THE THERAPEUTIC USE OF ACALYPHA WILKESIANA LEAVES IN TRADITIONAL MEDICINE	
Omage K., Azeke A. M., Ihimire I. I. and Orhue N. E. J. ....	261
ASSESSMENT OF SOCIO-ECONOMIC IMPACT OF TAUNGYA PLANTATION SYSTEM IN OLUWA FOREST RESERVE, ONDO STATE, NIGERIA	
Adeoye I.A, Ajewole O.I, Agbeja B.O. ....	270
INFLUENCE OF HYDROTHERMAL TREATMENTS ON THE MECHANICAL PROPERTIES AND BIODEGRADATION OF STARCH/LDPE BIODEGRADABLE COMPOSITE	
Olusegun O. O., and Afolabi T. A. ....	281
GENDER ISSUE AND THEATRE PERFORMANCE IN PROMOTING WELLNESS AMONG ARTISTES	
Dominic, O. L., Afolabi, T. O., Musa O., M., and Oyewo, S. ....	296
EFFECT OF AUDIO INSTRUCTIONAL PACKAGE ON BASIC SCHOOL PUPILS' PERFORMANCE IN ENGLISH PRONUNCIATION SKILLS IN ILORIN, KWARA STATE	
Ogunlade, O. O. Amosa, A. A. and Onuoha, U. D. ....	304
NIGERIAN BASIC SCHOOL TEACHERS' KNOWLEDGE AND LEVEL OF USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES FOR TEACHING AND LEARNING	
Bello, G. and Abimbola, I. O. ....	311



DEPLOYING MENTAL ARITHMETIC PROGRAMME AS MATHEMATICS ABILITIES BOOSTER IN PRIMARY SCHOOL PUPILS IN NIGERIA	
Jekayinfa O. J. and Durojaiye D. S. ....	321
ASSESSMENT OF NIGERIA'S ACHIEVEMENT OF THE MILLENNIUM DEVELOPMENT GOALS OF UNIVERSAL PRIMARY EDUCATION AND GENDER PARITY BETWEEN 2000 AND 2013	
Jekayinfa, A.A. and Akanbi, G.O. ....	329
BASIC TECHNOLOGY TEACHERS' AWARENESS OF THE USE OF IMPROVISED INSTRUCTIONAL MATERIALS FOR TEACHING IN ILORIN NIGERIA	
Issa, A. I.....	336
AVAILABILITY AND TEACHERS' USE OF TEXTBOOKS FOR TEACHING BASIC SCIENCE IN ILORIN METROPOLIS	
Aderibigbe, A. E., Fakomogbon, M. A., Adegbiya, M. V. and Bola, O. O.....	344
ASSESSMENT OF AVAILABLE BASIC TECHNOLOGY INSTRUCTIONAL RESOURCES AND THEIR FREQUENCY OF USE BY BASIC SCHOOLS TEACHERS IN ILORIN, NIGERIA	
Olumorin, C. O., Obielodan, O. O, Kanmodi, G. T., Alasan, J. N. and Oladosu, K.K.....	353
RELATIONSHIP BETWEEN TEACHERS' CHARACTERISTICS AND STUDENTS' PERFORMANCE IN BASIC SCIENCE IN KWARA STATE, NIGERIA	
Mulkah A. A., Musa M. S., Rahmat B. A., Shehu A. S. and Basirat A. J. ....	363
A COMPARATIVE ANALYSIS OF GENDER EQUALITY IN ENROLMENT AND COMPLETION OF PRIMARY SCHOOL GIRLS IN NIGERIA AND USA	
Aburime, A. O., Jekayinfa, O. and Bolanle O.O.....	371
A PANACEA FOR UNEMPLOYMENT AND EXTREME POVERTY	
Ogunjemilua, E. M. ....	377
IMPROVISATION OF INSTRUCTIONAL MATERIALS FOR TEACHING SCIENCE IN BASIC SCHOOLS IN ILORIN SOUTH, KWARA STATE NIGERIA	
Soetan A. K. and Olanrewaju O. S.....	389
THE IMPERATIVE OF HOME GROWN SCHOOL FEEDING AND HEALTH PROGRAMME IN ACHIEVING THE MILLENNIUM DEVELOPMENT GOALS IN NIGERIA: A LESSON FROM OSUN STATE, 2006-2014	
Akanbi, G.O. and Jekayinfa, A.A. ....	398