



Odunayo C. Adebooye (Autor)

Food, Health and Environmental Issues in Developing Countries: The Nigerian situation.

Alexander von Humboldt Stiftung/Foundation
Bonn, Germany




Food, Health and Environmental Issues in Developing Countries: The Nigerian Situation



Edited by

**Odunayo C. Adebooye
Kehinde A. Taiwo
Andrew A. Fatufe**

 Cuvillier Verlag Göttingen

<https://cuvillier.de/de/shop/publications/1261>

Copyright:

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

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

Table of Contents

Dedication

Foreword

From the Editors

Comparative Analysis Of The Livestock Numbers And Productivity In Nigeria And Some Selected Countries Of The World

Oluwasola Agbede Adegbenro Muyiwa, Amos T. Taiwo and Aletor V. Ayobore 13

The food situation in Nigeria: Issues and Perspectives.

Odunayo C Adebooye and Funmilayo M. Oloyede 20

Soil Fertility Management Strategies For Peri-Urban Vegetable Production In The Southwestern Nigeria.

Mary K Idowu 29

Commercial farm credit support programmes and agricultural growth in Nigeria.

Akeem A. Tijani, and Kehinde O. Osotimehin 37

Fruit Production and Processing: Option For Rural Industrialization And Poverty Alleviation In Nigeria

Babatunde A. Adewumi 43

Management Strategies Against Mycotoxin Contamination Of Food In Sub Saharan Africa

Samuel A Bankole, O.O. Mabekoje, A. Adenusi, and A. Osho 53

Radionuclide in foodstuffs: the Nigerian situation in the estimation of internal exposure from incorporated uranium and thorium.

Adeseye M. Arogunjo 71

Source Apportionment Of Respirable Fraction Of Airborne Particulates In Lagos, Nigeria

Felix S. Olise, O. K. Owoade and H. B. Olaniyi 77

Conversion Of Abattoir Wastes Into Livestock Feed: Evaluation Of Sun-Dried Wheat Offal Blood Meal As An Alternative Feedstuff For Broiler Chickens

Olukayode A Makinde E. B. Sonaiya, J. O. S. Adeyeye, and O. A. Atunbi 85

Role Of Plant Pathogens In Declining Crop Production In Nigeria

Ojo K. Adekunle 94

Hot water treatment for the control of some post-harvest rot pathogens of sweet potato (*Ipomea batatas* l.)

Olusola A. Salami and Olumide Popoola 104

Studies On Fufu Production From Cassava Chips

Irinkoyenikan O., K.A. Taiwo and S. O. Gbadamosi 117

Comparative Utilisation Of Organic Acids And Probiotics In Starting Chicks

I. Opes Matanmi and Andrew A. Fatufe 133

Variation In Seed Yield And Nutrients Contents In African Yam Bean (*Sphenostylis stenocarpa*)

Remi S. Akande and Balogun M.O 140

Evaluation Of Flamboyant Seed Meal As An Alternative Feedstuff (Protein Source) For Rabbit Feeding

Andrew A. Fatufe and I. Opes Matanmi 145

The potential of biotechnology in legume processing: the African yambean (*Sphenostylis stenocarpa* l.) Example

Marshall A. Azeke 153

Financial Potential of Rainwater Harvesting Technology for Agricultural Production in Osun State, Nigeria

Osotimehin, Kehinde O.; Tijani, A.Akeem and Michael O. Faborode 167

Toxicity of Cutback (MCO) Bitumen to African catfish *Clarias gariepinus*(Burchell 1822)

Nwanna, L. C, F. O. Agbebi and O. T. Oyewo 175

Water hyacinth (*Eichhornia crassipes* (Mart.) Solms : A sustainable protein source for fish feed in Nigeria.

Nwanna, L. C, A. E. Falaye and A.O. Sotolu 187

Effects of illegal activities on sustainable forest resources management: a case study of Ekiti State, Nigeria.

Victor A. J. Adekunle 195

Assessment of fish farming profitability and viability in osun state: implication for extension services and food security at household level.

Akinloye J. Farinde and Adedapo S. Adesoji 205

Training Challenges Of Extension Agents In Promoting Sustainable Rural Environment:
Experience From Rural Food Processing Cottage Industries In Oyo State

Adedayo O. Ajayi 215

Pharmaceutical And Microbial Qualities Of Herbal Medicinal Products In The Nigerian
Market

Oluwatoyin A. Odeku 226

Production Of Diacetoxyscirpenol, Fumonisin B₁, B₂, B₃ And Neosolaniol By Rice Culture
Of *Fusarium species* From Nigerian Maize

Timothy O. Adejumo, U. Hettwer and P. Karlovsky 236

In Vitro Activities Of Quinolones Against Respiratory And Urinary Tracts Bacterial
Pathogens In Lagos

Kabir O. Akinyemi and S. O. Ehima 242

Maternal age at first birth, infant and child feeding practices and trends in under-5
mortality in Nigeria (1990-2003 as a case study).

Titilayo Ayotunde 252

Household headship, household size and child health in south-western Nigeria.

Obiyan Mary O. and Ogunjuyigbe P. O. 261

Gender analysis of the knowledge, attitude and practice of HIV/AIDS preventive
strategies among the youth in Nigerian farming communities.

Olanike F. Deji, Francis O. Adereti, and Toyin F. Ojo 269

Farm Youth And Usage Of HIV/AIDS Prevention Strategies: Implication For Food
Security In Nigeria

Dixon O. Torimiro, V. O. Okorie, B. O. Adisa and Famuyiwa, B. S 276

Emergency Contraceptive Use Among Secondary School Adolescents In Ile-Ife, Osun
State, Nigeria

Adenike A. Ogunfowokan and Adebayo R. Abimbola 290

Conflict Theory, Revenue Allocation And The Niger Delta Crisis

A. Sat Obiyan 297

Oil and youth restiveness in the Niger Delta: economic and socio-politico-cultural
implications and imperatives for rural community development in Nigeria.

Olanike F. Deji and V. O. Okorie 310

Selected Fuel Properties Of Biodiesel Produced From Shea Butter Oil And Palm Kernel Oil

Jekayinfa, S.O and Waheed M.A 326

Sorghum and sugar cane as additives to guinea grass (*Panicum maximum* jacq.) In silage making

Adeolu J. Odedire and A.E. Adeleke 335

Decline In Crop Productivity In Nigeria: A Review Of Possible Strategies To Promote Self Reliance, Sustained Production And Environmental Security

Bamidele J. Amujoyegbe 341

Effect Of Women Indigenous Practices Of Fruits And Vegetables Preservation On Their Socio-Economic Status In Oyo State

John O.Oladeji and O.O. Ayeye 350

Eye diseases amongst children in rural communities of Southwestern Nigeria.

Onakpoya O. H. and Adeoye A. O. 360

Brittle Fracture in Soil Cutting and Tilth Development Processes

Olabanjo B. Aluko 370

EDXRF elemental assay of airborne partic: a case study of an iron and steel smelting industry, Lagos, Nigeria.

Kayode Owoade F. S. Olise, I. B. Obioh, H. B. Olaniyi, L. Ferrero and E. Bolzacchini 387

Growth, biomass production and grain yield of a quality protein maize (*Zea mays* L.) Hybrid alley-cropped with *Leucaena leucocephala* (Lam) de Wit and *Gliricidia sepium* (Jacq) Walp

Jelili T. Opabode, and Oluyemisi A. Akinyemiju 397

Complementation between protein of *Acacia coleii* seeds and some carbohydrate sources in West Africa.

O. S. Falade, Steve R. A. Adewusi, A. A. Akindahunsi, and C.E. Harwood 408

Food Choice and Meal Consumption Pattern Among Undergraduate Students In A Nigerian University - Obafemi Awolowo University, Ile - Ife

Ayodele Dare, Olusola Ogunlana, Israel O. Otemuyiwa and Steve R. A. Adewu 426

Seed of under-exploited *Cola millenii* (K. Schum) : a rich source of nutrients and fatty acid

Muibat .O. Bello, N.O. Olawore, O.O. Fapojuwo, I.A. Oladosu, O.S. Falade and S.R.A. Adewusi 437

Ante Mortem Examination Of Cattle At Abattoir In Ile-Ife

B.O. Oyebanji 444

Food Security In Nigeria: The Way Forward

Olu Oluwasola and Steve R.A. Adewusi 448

Gearing quality of tropical fruits and vegetables towards U.S. and E.U. markets

M. Janssens, M. Blanke, A. Keutgen, N. Keutgen and J. Pohlen 471

Kinetic, equilibrium and thermodynamic studies of the biosorption of cadmium (II) and nickel (II) by *Basella alba* L (Malabar spinach)

J. O. Babalola, N. A. A. Babarinde, V. O. Oninla and O. A. Popoola 482