
OZEBO, Vitalis Chidi

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Department: Physics

Academic Rank: Lecturer I

Current position:

Research Interest: Solid Earth Physics



DETAILED RESUME

ACADEMIC DEGREES WITH DATE

- Ph.D 2001 – 2006
- M.Sc. 1999-2000
- Technical Teachers' certificate 1995-1996
- B.Sc.(Hons) 1987-1991

INSTITUTIONS ATTENDED WITH DATE

- University of Ibadan, Ibadan, Nigeria. 2001 – 2006
- University of Ibadan, Ibadan, Nigeria. 1999-2000
- Federal College of Education (Tech) Gusau, Zamfara State 1995-1996
- University of Lagos Akoka, Nigeria 1987-1991

MEMBERSHIP OF PROFESSIONAL BODIES

- i. Member, Nigeria Institute of Physics (NIP)
- ii. Member, Society for Exploration Geophysicist (SEG) Tulsa, USA

PRIZES, HONOURS, NATIONAL AND INTERNATIONAL RECOGNITIONS.

NIL

COURSES TAUGHT

RESEARCH CONDUCTED

PUBLICATIONS

F1.Thesis/dissertation

- (i) V.C. Ozebo (2006). Electromagnetic Modeling with wave tilt and reflection coefficient: Application to stratified earth media using radio and very low frequencies. (Ph.D. Thesis, Department of Physics, University of Ibadan).
- (ii) V.C. Ozebo (2000). Gravity Interpretation using the Mellin transform: Application to the older granite suite in Zaria area of Kaduna state (M.Sc Dissertation, Department of Physics, University of Ibadan, Ibadan).
- (iii) V.C. Ozebo (1991). Design and construction of a Kitchen timer. (B.Sc. dissertation, Department of Physics, University of Lagos, Akoka).

F2. Books

- (i) Kola Odunaike and **V.C. Ozebo** (2008). Kinematics: Chapter 2 of Concise General Physics for colleges, Polytechnic and Universities. Edited by Odunnaike Kola, Jibiri Nnamdi and Laoye Bidemi. Vol. 1. pp 34-60. ISBN 978086370 - 8
- (ii) **V.C. Ozebo** (2008). Sound waves: Chapter 2 of Introductory Remedial Physics. Edited by Odunaike Kolawole, Fasunwon Olusola and Laoye Abidemi Vol. 2.pp 10-21. ISBN 978086371 - 5

F3. Published Journal Articles

- (i) Olowofela, J.A and **Ozebo, V.C** (2002): The Mellin Transform Interpretation of the Zaria Older Granite suite Gravity Anomaly. *Nigerian Journal of Science* **36 (2)** 221 -228.
- (ii) Olowofela, J.A. and **Ozebo, V.C.** (2006): Electromagnetic Modeling With Wave Tilt And Reflection Coefficient: An Application to Stratified Earth Media Using Radio And Low Frequencies. *J. Geophys. Eng.* **3** 160 – 168 (Institute of Physics, Publishing, U.K.) www.iop.org/EJ/article/1742-2140/3/2007/jge6_2_007.pdf
- (iii) O.O. Fasunwon, **V.C. Ozebo**, G. Omisore, J.A. Laoye, R.K. Odunaike, V.U. Chukwuma and G. Ijeoma (2005): Correlation of VES and Magnetic Survey Results in Groundwater Delineation of a Part of Southwestern Nigeria *Nig Journal of Physics* **17S** 145 – 157. www.ajol.info/index.php/njphy/article/new/38035/0
- (iv) **V C Ozebo**, R.K. Odunaike and A. A. Balogun (2008): Identification of depth to top of limestone body within a concession at Ibese, Southwestern Nigeria, using vertical electric sounding. *Medwell Online Journal of Earth Sciences* **2 (3)** 99-107. ISSN 1991-7708 www.medwellonline.net/fulltext/ojes/2008/99-107.pdf
- (v) R.K. Odunaike, **V.C. Ozebo**, S.K. Alausa and I.M. Alausa (2008) Radiation Exposure to Workers and Villagers in and Around Some Quarry Sites in Ogun State of Nigeria. *Medwell Environmental Research Journal* **2 (6)** 348-350. ISSN 1994-5396 www.medwellonline.net/fulltext/erj/2008/348-350.pdf
- (vi) O.O. Odusote and **V.C. Ozebo** (2008): Electromagnetic fields and Biotissue Interactions *Journal of Nigerian Assoc. of Mathematical Physics* Vol. 12 (May, 2008) 161-164. www.ajol.info>Home>Vol.12 (2008)> Odusote

- (vii) **V.C. Ozebo**, O.O. Odusote, G. Omisore and A.I. Ibiyemi (2008): A geophysical Study of Structural foundations in Omolayo Area, Ibadan, Nigeria. Journal of Nigerian Assoc. of Mathematical Physics, Vol. 12 (May, 2008), 267 - 278
www.ajol.info>Home>Vol.12 (2008> Ozebo

F4: Published Articles in Refereed Proceedings

- (viii) **Ozebo, V.C.** (2002): The Quest for Environmental Friendly Designs and Innovations: A case for Renewable Energy In: Oladimeji, T.A.G, Ibeneme, O.T, Akinseinde, S.L, Ogunyemi, M.A, and Tukura, H.M (Eds.) *Technology Education and Environmental Issues in Nigeria*. Nigerian Association of Teachers of Technology (NATT). ISBN: ISSN 1119 - 4278
- (ix) **V.C Ozebo** and F.M. Shofoluwe . Application of Electrical Resistivity method to environmental investigations in Akobo, Ibadan, Nigeria. Refereed Proceedings, Physics for sustainable environment and economic empowerment
ISBN 978-978-086-373-9
- (x) **V.C. Ozebo**; O.O. Odusote and I.O. Oseni. Geophysical and Geotechnical Evaluation of Foundation Conditions in Lagos area, South Western Nigeria.
Refereed Proceedings, Physics for sustainable environment and economic empowerment
ISBN 978-978-086-373-9
- (xi) O.O. Odusote, **V.C. Ozebo** and Z.T. Adaraloye. Briquettes from Sawdust and Plastic Waste. Refereed Proceedings, Physics for sustainable environment and economic empowerment ISBN 978-978-086-373-9

F6 Unpublished Conference / Workshop papers and Public Lectures

- (i) **V.C. Ozebo** (2000): Strategies for Effective Communication in Physics In a Classroom A paper presented at a Seminar organized by the Research and Publication Committee Federal College of Education Gusau.
- (ii) **V.C. Ozebo** (2000): Resources for Communicating Science, Technology and Mathematics (STM) : The Physics Experience. A paper presented at the National Conference of Science Teachers Association of Nigeria (**STAN**) held at Awka, Anambra State 21st – 26th August.
- (iii) **V.C. Ozebo** (2001): Nigerian Women and their Attitude toward Physics Education (A case Study of some selected Schools in Zamfara State). A paper presented at National Conference of **STAN** held at Ilorin, Kwara State, 20th – 25th August.
- (iv) **V.C. Ozebo** and S.A.Ajiroba Groundwater Assessment in Apapa Coast-line Area of Lagos Using Electrical Resistivity Method. A paper presented at the National Conference of the Nigerian Institute of Physics (NIP) held at the Federal University of Technology Owerri, Imo State, 15 -18 October, 2008

G. CONFERENCES ATTENDED WITH PAPERS READ.

- (i) **V.C. Ozebo** (2000): Strategies for Effective Communication in Physics In a Classroom. A paper presented at a Seminar organized by the Research and Publication Committee Federal College of Education Gusau.
- (ii) **V.C. Ozebo** (2000): Resources for Communicating Science, Technology and Mathematics (STM) : The Physics Experience. A paper presented at the National Conference of Science Teachers Association of Nigeria (**STAN**) held at Awka,

Anambra State 21st – 26th August.

- (iii) **V.C. Ozebo** (2001): Nigerian Women and their Attitude toward Physics Education

(A case Study of some selected Schools in Zamfara State). A paper presented at National Conference of **STAN** held at Ilorin, Kwara State, 20th – 25th August.

- (iv) **V.C. Ozebo** (2002) Science, Technology and Mathematics Education for Sustainable Development: The Political and Social Implications In Nigeria. A paper presented at the National Conference of **STAN** held at Port Harcourt Rivers State, 18th – 24th August

- (v) O.O. Fasunwon, **V.C. Ozebo**, G. Omisore, J.A. Laoye, R.K. Odunaike, V.U.

Chukwuma and G. Ijeoma (2005): Correlation of VES and Magnetic Survey Techniques in Groundwater Delineation of a Part of Southwestern Nigeria. A paper presented at the National Conference of the Nigerian Institute of Physics (NIP) held at Obafemi Awolowo University Ile-Ife, Oshun State.

- (vi) **V.C Ozebo** and F.M. Shofoluwe . Application of Electrical Resistivity method

to environmental investigations in Akobo, Ibadan, Nigeria A paper presented at the Conference of the Department of Physics, Olabisi Onabanjo University, Ago-Iwoye 5th – 8th August 2008. Book of Abstract pp 26

- (vii) **V.C. Ozebo**; O.O. Odusote and I.O. Oseni. Geophysical and Geotechnical Evaluation

of Foundation Conditions in Lagos area, South Western Nigeria. A paper presented at the Conference of the Department of Physics, Olabisi Onabanjo University, Ago-Iwoye, 5th – 8th August 2008. Book of Abstract pp 26

- (vii) O.O. Odusote, **V.C. Ozebo** and Z.T. Adaraloye. Briquettes from Sawdust and Plastic Waste. A paper presented at the Conference of the Department of Physics, Olabisi Onabanjo University, Ago-Iwoye 5th – 8th August 2008. Book of Abstract pp 29

(viii) **V.C. Ozebo** and S.A.Ajiroba Groundwater Assessment in Apapa Coast-line Area of Lagos Using Electrical Resistivity Method. A paper presented at the National Conference of the Nigerian Institute of Physics (NIP) held at the Federal University of Technology Owerri, Imo State, 15 -18 October, 2008..