

PUBLICATIONS

a) BOOKS ALREADY PUBLISHED:

- 1). Oluyide, P.O. and **Okunlola, O.A.** 2007. An integrated approach to the study of mineralization in Jibiya area, of Katsina state, Nigeria. **Occasional publication No11, Nigerian Geological Survey Agency, Federal Ministry of Mines and Steel Development publication 81p. ISBN: 978-30187-1-X**
- 2 **Okunlola, O.A.** Ayoade, E.A., and Oluyide, P.O. 2011. Geology of Shaki area. **Explanation of 1: 250,000 Sheet 49. Bulletin 45. Nigerian Geological Survey Agency, Federal Ministry of Mines and Steel Development. 148p. ISBN: 978-978-088-472-7**

b) CHAPTERS IN BOOKS ALREADY PUBLISHED:

3. Elueze, A.A. and **Okunlola, O. A.**, 2003. Industrial projects in non metallic minerals in Southwestern Nigeria. 2003. In A.A. Elueze (ed) **Prospects for investment in mineral resources of Southwestern Nigeria. Nigerian Mining and Geosciences Society publication. 27–39.**
- 4) Elueze, A. A. and **Okunlola, O.A.**, 2003. Potential for rock polishing enterprises in Southwestern Nigeria. In A. A. Elueze (Ed). **Prospects for Investment in Mineral resources of Southwestern Nigeria. 55 – 59. Nigerian Mining and Geosciences Society publication.**
5. **Okunlola, O. A.** and Ogedengbe, O., 2003. Investment potential of gemstone occurrence in Southwestern Nigeria. In A.A. Elueze (Ed) **Prospects for investments in mineral resources of Southwestern Nigeria. Nigerian Mining and Geosciences Society Publication. 41-47**
6. **Okunlola O.A.** and Owoyemi K.A. 2011: Compositional Characteristics of Geophagic clays in parts of southern Nigeria. Book of proceedings. **1st International Conference on clays in Africa and 2nd conference on geophagic clays in South Africa pp290-305.**
7. **Okunlola.O.A** 2015: Geochemistry of Geophagic clays of Africa 2015 **Geophagia in Africa eds G.E Ekose. Lambert Academic Publishing, Germany.**
8. Ezoura E., Scheinder G., Nassir E., Hassana N.R., Abdulrahname B., Abdelmajid N., Noeman .V., Allan .M., Vasconcenlos .L., Costa .L., Al-wosabi .M., Alsubhary .A., Mabunton Nguru .P., **Okunlola .O.A.**, Hellum S., Andrianaus .L., Soby S., Beatrice .K., Garby .M., Mohsen H., Anki .F., Tee .J., Lattreche K., Omulo .M., Bohrowsky .P. 2015: Geoheritage and Geoparks in Africa and Middle East: challenges and perspective. Erraimi et al eds from **Geoheritage to Geoparks. Geoheritage, Geoparks, Geotourism, Springer International Publishing. Switzerland 2015**

c) ARTICLES IN REFEREED/EDITED CONFERENCE PROCEEDINGS

- 9). **Okunlola, O. A.** 1993 Geochemical Anomalies as potential hazards instigators, perspective for a regional appraisal in Nigeria In: M. E. Offodile K. M. Onuoha (eds) Natural and Manmade hazards. **Proceedings of international workshop on Natural and Man made Hazards. 183 – 197.**

10) Oluyide, P. O. and **Okunlola, O. A.** 1993 Hill slope wash and rock avalanche on Nandu area Gwantu district Jemaa L.G.A. Kaduna. In: M. E. Offodile and K. M. Onuoha (eds). Natural and Man made hazards. **Proceedings of international workshop on Natural and Man Made Hazards. 199 – 213.**

11) **Okunlola, O. A.**, 1995 A synoptic survey of some alternate industrial usages of Nigerian Carbonate Deposits. In: **E. O. Damisa (ed) Coll. of Engineering Conf. Series 2: 143 – 150.**

12) **Okunlola, O. A.** 1998: Specialty metal Potential of Nigeria. In: **Uche, J., Ohiwherei F. and Bassey E. (eds) Proceedings first mining in Nigeria conf. Fed. Ministry of Solid Minerals Nigeria publication. 67-90.**

13) **Okunlola O.A** and Omitogun A. 2014 Inventory and environmental effects of active and abandoned artisanal mining sites of rare metals and gold mineralization in parts of Southwestern Nigeria. **Proceedings of the closing workshop of the IGCP /SIDA projects 594 and 606 Prague, Czech Republic, May 26-28 2014 pp155-159**

PATENT: Nil

d) ARTICLES THAT HAVE APPEARED IN LEARNED JOURNALS:

14) **Okunlola, O. A.** and Ocan, O.O., 2002. The expected environmental impact and mitigation studies of organized mining of rare metal (Ta-Sn-Nb) pegmatites around Keffi area, Central Nigeria. **Journal of Environmental Extension 3: 64-68**

15) Elueze, A.A. and **Okunlola, O.A.**, 2003 Petrochemical and Petrogenetic Characteristics of metasedimentary rocks of Lokoja – Jakura Schist belt Central Nigeria. **Journal of Mining and Geology 39.1: 21 – 28.**

16). **A. Okunlola** and P. A. King. 2003. Process test work for the recovery of tantalite-columbite concentrates from rare metal bearing pegmatites of Nasarawa area central Nigeria. **Global Journal of Geological Sciences 1.1: 95-103.**

17) **Okunlola, O.A.**, Ogedengbe, O. and Ojutalayo, A., 2003. Compositional features and industrial appraisal of the Baba Ode talc occurrence, south western Nigeria. **Global Journal of Geological sciences 1:1: 63-72.**

18) Elueze, A.A. and **Okunlola, O. A.**, 2003. Geochemical features, petrogenetic affinity of Precambrian amphibolites of Burum area, central Nigeria. **Journal of Mining and Geology 39.2: 1 – 9.**

19) Abimbola A. F., Ojo A. M., **Okunlola O. A.** and Oguntoyinbo F. I. 2002. Agrogeological studies of limestone, phosphate, gypsum occurrences in the Dahomey Basin, SW Nigeria in relation to soil acidity amelioration. **Nigerian Journal of Science 36.2: 119-128.**

20) Elueze, A.A. and **Okunlola, O. A.**, 2003. Compositional features and industrial appraisal of metamorphosed carbonate rocks of Burum-Jakura Area, central Nigeria. **Mineral Wealth 128: 41-54.**

21) **Okunlola, O. A.** 2005. Metallogeny of tantalum–niobium Mineralization of Precambrian pegmatites of Nigeria. **Mineral Wealth 137/2005:38-50.**

22) **Okunlola, O.A.** and Udoudo, O. B. 2005 Geological setting, Petrochemical features and age of rare metal mineralization of Pegmatites of Komu area South western Nigeria. **UNESCO –ANSTI African Journal of Science and Technology Engineering Series 7.1: 96-110.**

23) **Okunlola, O. A.** and Soetan, O. 2006. Geoenvironmental assessment of surface water and stream sediments in the area around iron ore mining site of Itakpe Okene, Central Nigeria. **Mineral Wealth 141/2006: 27-35.**

- 24) Okunlola, O. A., Akintola, A. I. and Egbeyemi, R.O. 2006. Compositional features Petrogenetic affinity of Precambrian amphibole – Schist of Sepeteri Area – Southwestern Nigeria. **Global Journal of Geological Sciences** 4.2. 199-207
- 25) Okunlola, O. A. and Somorin, E. B. 2006. Compositional features of Precambrian Pegmatites of Itakpe Area, Central Nigeria. **Global Journal of Geological Sciences** 4.2: 2006.
- 26). Tijani, M.N., Okunlola, O.A. and Abimbola, A.F., 2006. Lithogenic Concentrations of trace metals in soils and saprolites over crystalline basement rocks: A case study from SW Nigeria. **Journal of African Earth Sciences** 46: 427-438.
- 27) Okunlola, O.A. and Jimba, S. 2006. Compositional trends in relation to Ta-Nb mineralization in Precambrian pegmatites of Aramoko –Ara – Ijero area, Southwestern Nigeria. **Journal of Mining and Geology** 42.2: 113-126.
- 28). Okunlola, O. A. and Anikulapo, F.A. 2006. Compositional characteristics and industrial qualities of talcose rock of Erin Omu area, south western Nigeria. **Journal of Mining and Geology** 42.2: 105-112.
- 29) Okunlola, O.A., Oladunjoye, M.A. and Osinowo, O. 2007. The geological setting and integrated geophysical investigation for Pb-Zn Mineralisation at Izom, Central Nigeria. **European Journal of Scientific Research** 18:3. 269-388
- 30) Tijani, M.N., Okunlola, O.A., and Ikpe, E.U. 2007. Geochemical assessment of water and bottom sediments contaminations of Eleyele lake catchment, Ibadan. Southwestern Nigeria. **European journal of Scientific Research** 19:1.105-120
- 31) Okunlola, O.A., and Akintola, A.I., 2007 Geochemical features and rare metal (Ta-Nb) potentials of Precambrian pegmatites of Sepeteri area, Southwestern Nigeria. **Ife Journal of Science** 9:2:203-214
- 32) Okunlola, O.A., Akintola, A.I., and Egbeyemi, R.O., 2007 Geological setting, petrochemistry and petrogenetic affinity of Precambrian amphibolite of lema Ndeji area, Central Nigeria. **Mineral wealth** 144/2007: 47-55
- 33) Okunlola, O.A., 2008 Compositional characteristics and functional industrial application of Itakpe clay occurrence, Central Nigeria. **European Journal of scientific research** 19:3. 453-461
- 34) Okunlola, O.A and Akintola, A.I., 2008 Compositional features and rare metal Ta-Nb potentials of Precambrian pegmatite of Lema-Ndeji area Central Nigeria. **Mineral Wealth** 149/2008 pp 43-53
- 35) Elueze, A.A., Kehinde-Phillips, O.O., and Okunlola, O.A., 2008 Geochemical and petrogenetic trends of syenite and charnockitic rock of Oke Iho and Osuntedo areas, Southwestern Nigeria. **Journal of Mining and Geology** Vol.44 (1) pp21-35
- 36) Okunlola, O.A. and Oyedokun, O.M., 2009 Compositional trends and rare metal (Ta-Nb) mineralization potential of pegmatite and associated lithologies of Igbeti area, Southwestern Nigeria.. **RMZ Materials and Geoenvironment**. Vol 56 no.1 p38-53
- 37) Okunlola, O.A. and Ocan O.O., 2009 Rare metal (Ta-Sn-Li-Be) distribution in Precambrian Pegmatites of Keffi area, Central Nigeria. **Nature and Science** ;7(7) pp90-99
- 38) Olorunfemi, A.O., Olarewaju, V O. Okunlola, O.A., and Adesiyani, T.A., 2009 Compositional features and industrial appraisal of talcose rocks of Esie area, Southwestern Nigeria. **Mineral wealth** 150/2009: 33-42
- 39) Okunlola, O.A. and Okoroafor R.E., 2009 Geochemical and petrogenetic features of schistose rocks of the Okemesi fold belt, Southwestern Nigeria. **RMZ Materials and Geoenvironment** Vol 56, No2, pp148-162

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- 41) Olorunfemi A.O, Olarewaju, V.O., and **Okunlola, O.A.**, 2010 Petrochemistry and genetic indicators of talcose rocks of Esie area, Southwestern Nigeria. **RMZ- Materials and Geo environment. Vol.57 No3 pp363-386**
- 42) **Okunlola, O.A** and Akinola O. 2010 Petrochemical characteristics of Precambrian rare metal pegmatite of Oke Asa area, Southwestern Nigeria: Implication for Ta-Nb mineralization. **RMZ- Materials and Geo environment Vol .57 No. 4 525-538**
- 43) **Okunlola, O.A.**, and P.O.Oluyide 2009. Physicochemical features and industrial appraisal of Nahuta Clay deposit, Northwestern Nigeria. **Records of Nigerian Geological Survey Vol 12**
- 44) **Okunlola O.A.**, and P.O.Oluyide, 2009. Lithostructural, compositional features and industrial potential of Precambrian carbonate deposits of the Federal Capital Territory, Nigeria. **Records of Nigerian Geological Survey Agency. Vol.12**
- 45) **Okunlola, O.A.** and A.A. Sosanya 2011 Functional industrial appraisal of Shale deposits of Dahomey basin, Southwestern Nigeria. **Mineral Wealth 161/2011 p33-42**
- 46) **Okunlola O.A.** Akinola, O.A and Olorunfemi A.O., 2011. Petrochemical characteristics and industrial features of talcose rocks in Ijero Area, Southwestern Nigeria. **Ife Journal of Science .Vol. 13 No 2**
- 47) Akintola, A.I., Omosanya, K.O., Ajibade. O.M, **Okunlola, O.A.**, Kehinde- Philips O.O. 2011 Petrographic evaluation of Precambrian Pegmatites of Awo area, Southwestern Nigeria. **International Journal of basic and applied sciences IJBAS-IJENS vol 11 No 4**
- 48) Lapworth, D.J., knights, K.V., key, R.M., Johnson. C.C., Ayoade, E., Adekanmi M.A., Arisekola T.M. **Okunlola O.A.**, Backman, B., Eklund M., Everett P.A., Lister T.R., Ridgway., Watts J.M., Kemp S.J., Pitfield E.J., 2012: Geochemical mapping using stream sediments in west central Africa: Implications for environmental studies and mineral exploration in West Africa. **Applied Geochemistry, Elsevier, Vol 27. 1035-1052**
- 49) Akintola A.I., Ikhane P.R., **Okunlola, O.A.**, Akintola G.O., Oyebolu O.O., 2012: Compositional features of Precambrian pegmatites of Ago Iwoye area, Southwestern Nigeria. 2012. **Journal of Ecology and Natural Environment Vol 4(3) pp71-87**
- 50) **Okunlola, O.A** and Idowu ,O. 2012 The Geochemistry of claystone-shale deposits from the Maastrichian Patti Formation, Southern Bida Basin. **Earth Sciences Research Journal Vol. 16 No 2, pp 57-67**
- 51) **Okunlola, O.A.** and Akinola, O.A 2012 Physicochemical characteristic and industrial potentials of in situ clay occurrence around Ijero Ekiti area Southwestern Nigeria. **Journal of Science Research Vol. 11(1): 99-100**
- 52) Tubosun, I.A., Tchokossa, P., **Okunlola, O.A**, Balogun, F.A., Fasasi, M.K., Ekhaeyemhe. 2013. Natural radioactivity associated with mining of rare metal pegmatite of Oke-Ogun field, Sepeteri, Southwestern Nigeria. 2013. **International Journal of Science and Technology. Vol 3 (10). Pp 350-356.**
- 53) Tubosun, I.A., Tchokossa, P., Balogun, F.O., **Okunlola, O.A.**, Owoade, L.A., and Adesanmi, C.A. 2014 Measurement of radiation exposure due to natural radionuclides in gemstone mining area in Olode,

Ibadan, Southwestern Nigeria. 2014. **British Journal of Applied Science and Technology**. Vol. 4(18). pp 2620-2630.

54) **Okunlola, O. A.** and Egbulem .C. 2015: Geological setting, compositional and economic appraisal of clay shale occurrence in the Itu-Mbonuso/Iwere area, Southeastern Nigeria. **Journal of Geophagy and Geology**, vol. 7: no 1

55) **Okunlola, O. A.** and Afolabi .A.A. 2015: Geochemical characteristics and quality of groundwater around Okemesi fold belt, Southwestern Nigeria. **Environment and natural resources research vol 5, No 1.CCSE Canada**

56). **Okunlola, O. A.** and Owoyemi K.A. 2015: Compositional characteristics of Geophagic clays of parts of southwestern Nigeria. **Earth Sciences Research Vol. 4 No 2. Canadian Center of Science and Education Canada**

57) **Okunlola,O.A and Muritala, H.** 2015 Geological setting, compositional features and economic evaluation of marble deposits around Alaguntan, southwestern Nigeria **MATERIALI in GEOOKOLJE . RMZ -Materials and Geoenvironment. Vol.62 No.3 Slovakia**

PUBLISHED MONOGRAPHS/TECHNICAL REPORTS:

58) Elueze A.A., Bolarinwa A.T., Nton M.E, **Okunlola O.A**, 2002: Report on the Preliminary Investigation of alleged earth tremors in Odo-Ona Elewe, Ibadan. National Technical Committee on Earthquake Phenomenon, Federal Ministry of Science and Technology Abuja, 6p

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**61) OKUNLOLA, O. A. 2005.
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SOUTHWESTERN NIGERIA.
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62) Elueze A.A., Oshin O., Abimbola A.F, Bolarinwa A.T., **Okunlola O.A**, Nton M.E,2006: Field training manual in gold and pegmatite exploration in Ilesha area. **Nigerian Geological Survey Agency. Ministry of Solid Minerals Development, Abuja, 42pp**