No.	Co-authors	Article title	Keywords	Vol., No., pp.	DOI	Citation
1	Echendu, A.J.	Women, Development, and Flooding Disaster Research in Nigeria: A Scoping Review	gender representation, sustainable development, gender and development, Sendai framework, urban flooding, disaster risk, disaster vulnerabilities, gender analysis	8, 4, 147-152	https://doi.org/10.18280/eesrj.080401	Echendu, A.J. (2021). Women, development, and flooding disaster research in Nigeria: A scoping review. Environmental and Earth Sciences Research Journal, Vol. 8, No. 4, pp. 147-152. https://doi.org/10.18280/eesrj.080401
2	Zhang, M., Zhang, S.L., Shen, S.W., Zhang, W.L.	Study on Shear Failure and Crack Propagation Characteristics of Soil-Rock Mixture	soil–rock mixture, numerical simulation, failure characteristics, crack propagation	8, 4, 153-158	https://doi.org/10.18280/eesrj.080402	Zhang, M., Zhang, S.L., Shen, S.W., Zhang, W.L. (2021). Study on shear failure and crack propagation characteristics of soil-rock mixture. Environmental and Earth Sciences Research Journal, Vol. 8, No. 4, pp. 153-158. https://doi.org/10.18280/eesrj.080402
3	Okpalaoka, C.	Infrastructural Challenges in Nigeria and the Effect on the Nigerians Economy: A Review of Literature	economic growth, FDI, infrastructural challenges, infrastructure development, Nigerian economy	8, 4, 159-162	https://doi.org/10.18280/eesrj.080403	Okpalaoka, C. (2021). Infrastructural challenges in Nigeria and the effect on the Nigerians economy: A review of literature. Environmental and Earth Sciences Research Journal, Vol. 8, No. 4, pp. 159-162. https://doi.org/10.18280/eesrj.080403
4	He, D.W., Wang, B.X., Gao, X., Wang, X.	An Adaptive Filtering Method for Bridge Vibration Signals Based on Improved CEEMDAN and Multi-Scale Permutation Entropy	health monitoring, filtering, bridge, CEEMDAN, decomposition and reconstruction	8, 4, 163-168	https://doi.org/10.18280/eesrj.080404	He, D.W., Wang, B.X., Gao, X., Wang, X. (2021). An adaptive filtering method for bridge vibration signals based on improved CEEMDAN and multi-scale permutation entropy. Environmental and Earth Sciences Research Journal, Vol. 8, No. 4, pp. 163-168. https://doi.org/10.18280/eesrj.080404
5	Parfait, M.M., Mulumba, R., Diogo, A.B., Burhama, P.N.	Characteristics and Constraint Evidences of the Pegmatite Veins in Lubishi Mining Sector, Kalehe District, Eastern DR Congo	Lubishi pegmatites, characteristic, structural imprints, constraint stress	8, 3, 111-117	https://doi.org/10.18280/eesrj.080301	Parfait, M.M., Mulumba, R., Diogo, A.B., Burhama, P.N. (2021). Characteristics and constraint evidences of the pegmatite veins in Lubishi mining sector, Kalehe district, Eastern DR Congo. Environmental and Earth Sciences Research Journal, Vol. 8, No. 3, pp. 111-117. https://doi.org/10.18280/eesrj.080301
6	Anand, K., Raman, S.	Incorporation of Innovative Mechanisms for Greenhouse Gas Emission Reduction	carbon metrics, circular economy, greenhouse gas emissions, greenhouse model, green information system, regulatory portal, webinar	8, 3, 118-124	https://doi.org/10.18280/eesrj.080302	Anand, K., Raman, S. (2021). Incorporation of innovative mechanisms for greenhouse gas emission reduction. Environmental and Earth Sciences Research Journal, Vol. 8, No. 3, pp. 118-124. https://doi.org/10.18280/eesrj.080302
7	Ofomola, M.O., Akpolile, A.F., Anomohanran, O., Adeoye, T.O., Bawallah, M.A.	Detection of Trace Metal Contamination Around a Dumpsite in Iyara Area Warri Nigeria Using Geoelectrical and Geochemical Methods	contaminated soil, enrichment factor, multiple pollution index, resistivity, toxicity	8, 3, 125-133	https://doi.org/10.18280/eesrj.080303	Ofomola, M.O., Akpolile, A.F., Anomohanran, O., Adeoye, T.O., Bawallah, M.A. (2021). Detection of trace metal contamination around a dumpsite in Iyara area Warri Nigeria using geoelectrical and geochemical methods. Environmental and Earth Sciences Research Journal, Vol. 8, No. 3, pp. 125-133. https://doi.org/10.18280/eesrj.080303
8	Chapagai, K.K.	Sensor Network Based Testbench Implementation of Landslide Early Warning System	landslide EWS, landslide detection, prototype setup, Proteus simulation, low cost sensor network, Arduino microcontroller	8, 3, 134-139	https://doi.org/10.18280/eesrj.080304	Chapagai, K.K. (2021). Sensor network based testbench implementation of landslide early warning system. Environmental and Earth Sciences Research Journal, Vol. 8, No. 3, pp. 134-139. https://doi.org/10.18280/eesrj.080304
9	Tian, B.W., Zheng, C.F., Luo, H.S., Xun, J.P.	A New-Type Semi-Rigid Base Layer Structure for Long Service Life Pavement	asphalt pavement, finite element, reflection cracks, stress distribution, road performance	8, 3, 140-145	https://doi.org/10.18280/eesrj.080305	Tian, B.W., Zheng, C.F., Luo, H.S., Xun, J.P. (2021). A new-type semi-rigid base layer structure for long service life pavement. Environmental and Earth Sciences Research Journal, Vol. 8, No. 3, pp. 140-145. https://doi.org/10.18280/eesrj.080305
10	Siombone, S.H., Maryanto, S., Wiyono.	Land Surface Temperature and Geomorphology of Tiris Geothermal Area, Lamongan Volcano Complex, Probolinggo, East Java, Indonesia	land surface temperature, remote sensing, geomorphology, fault, lineament, geothermal manifestation	8, 2, 65-74	https://doi.org/10.18280/eesrj.080201	Siombone, S.H., Maryanto, S., Wiyono. (2021). Land surface temperature and geomorphology of Tiris geothermal area, Lamongan Volcano Complex, Probolinggo, East Java, Indonesia. Environmental and Earth Sciences Research Journal, Vol. 8, No. 2, pp. 65-74. https://doi.org/10.18280/eesrj.080201
11	Luo, Y., Teng, G.C.	Self-Healing Performance of Rubber-Modified Asphalt	road engineering, self-healing, modified asphalt, molecule simulation, rubber asphalt, molecular dynamics	8, 2, 75-80	https://doi.org/10.18280/eesrj.080202	Luo, Y., Teng, G.C. (2021). Self-healing performance of rubber-modified asphalt. Environmental and Earth Sciences Research Journal, Vol. 8, No. 2, pp. 75-80. https://doi.org/10.18280/eesrj.080202
12	Alva-Araujo, J.P., de los Ángeles Garcí a-Hernández, M., Mendoza, A.G.M., Rodríguez-Vázquez, R.	Assessment of a Photoreactor with Immobilized Nanoparticle TiO2 Films for the Purification of Rainwater	heterogeneous photocatalysis, Escherichia coli, total coliforms, titanium dioxide, UV light, disinfection, water treatment	8, 2, 81-85	https://doi.org/10.18280/eesrj.080203	Alva-Araujo, J.P., de los Ángeles García-Hernández, M., Mendoza, A.G.M., Rodríguez-Vázquez, R. (2021). Assessment of a photoreactor with immobilized nanoparticle TiO2 films for the purification of rainwater. Environmental and Earth Sciences Research Journal, Vol. 8, No. 2, pp. 81-85. https://doi.org/10.18280/eesrj.080203
13	Kuai, D.L.	Distribution Law of Three Spontaneous Combustion Zones in the Goaf Area of a Fully Mechanized Working Face under High Ground Temperature	high ground temperature, goaf, three spontaneous combustion zones, numerical simulation, field measurement	8, 2, 86-90	https://doi.org/10.18280/eesrj.080204	Kuai, D.L. (2021). Distribution law of three spontaneous combustion zones in the goaf area of a fully mechanized working face under high ground temperature. Environmental and Earth Sciences Research Journal, Vol. 8, No. 2, pp. 86-90. https://doi.org/10.18280/eesrj.080204
14	Aluru, R.R., Koyi, R., Nalluru, S., Chanda, C.	Production of Biopolymer from Bacteria - A Review	polyhydroxyalkanoates, bacteria, biopolymer, bioplastic, polyhydroxubutyrate	8, 2, 91-96	https://doi.org/10.18280/eesrj.080205	Aluru, R.R., Koyi, R., Nalluru, S., Chanda, C. (2021). Production of biopolymer from bacteria - A review. Environmental and Earth Sciences Research Journal, Vol. 8, No. 2, pp. 91-96. https://doi.org/10.18280/eesrj.080205
15	Yang, J.K., Qiu, Z., Zheng, C.F.	Noise Reduction Effect of Porous Asphalt Pavement Based on Acoustic-Structure Coupling Model	traffic noise, porous asphalt pavement, porosity, pore depth, sound absorption and noise reduction, finite element	8, 2, 97-102	https://doi.org/10.18280/eesrj.080206	Yang, J.K., Qiu, Z., Zheng, C.F. (2021). Noise reduction effect of porous asphalt pavement based on acoustic-structure coupling model. Environmental and Earth Sciences Research Journal, Vol. 8, No. 2, pp. 97-102. https://doi.org/10.18280/eesrj.080206
16	Egbo, O.K., Ehinola, O.A.	Commercially Imported Bentonite Versus Locally Derived Bentonitic Clays: A Comparative Assessment Study of Mineralogy and Geochemical properties, Anambra Basin, Southeastern Nigeria	bentonitic clay, commercially imported clay, X-ray diffration, X-ray florescence, Nontronite, ferric- smectite	8, 2, 103-109	https://doi.org/10.18280/eesrj.080207	Egbo, O.K., Ehinola, O.A. (2021). Commercially imported bentonite versus locally derived bentonitic clays: A comparative assessment study of mineralogy and geochemical properties, Anambra basin, Southeastern Nigeria. Environmental and Earth Sciences Research Journal, Vol. 8, No. 2, pp. 103-109. https://doi.org/10.18280/eesrj.080207
17	Saha, S.K., Gazi, M.Y., Tajwar, M., Kumar, S.	Soil Contamination Assessment by Trace Elements in Barapukuria Coal Mine Region, Bangladesh	soil contamination, geochemistry, trace elements, Barapukuria, coal mine, Bangladesh	8, 1, 1-10	https://doi.org/10.18280/eesrj.080101	Saha, S.K., Gazi, M.Y., Tajwar, M., Kumar, S. (2021). Soil contamination assessment by trace elements in Barapukuria coal mine region, Bangladesh. Environmental and Earth Sciences Research Journal, Vol. 8, No. 1, pp. 1-10. https://doi.org/10.18280/eesrj.080101
18	Barry, A.D., Cissé, M., Parfait, M.M., Hallarou, M.M.	Mineralogical and Geochemical Characteristics of the Sangarédi Bauxite Deposit, Boké Region, Republic of Guinea	Sangarédi-Guinea, sediment hosted, bauxite deposit, facies, laterite bauxite, chimogen bauxite	8, 1, 11-22	https://doi.org/10.18280/eesrj.080102	Barry, A.D., Cissé, M., Parfait, M.M., Hallarou, M.M. (2021). Mineralogical and geochemical characteristics of the Sangarédi bauxite deposit, Boké region, Republic of Guinea. Environmental and Earth Sciences Research Journal, Vol. 8, No. 1, pp. 11-22. https://doi.org/10.18280/eesrj.080102
19	Karim, R., Chowdhury, F.N., Rafi, T.H.	A Comprehensive Review on Environmental Factors Influencing COVID-19 Spread and Its Effects: A Global Approach	COVID-19, environment, outbreak, global, corona virus	8, 1, 23-36	https://doi.org/10.18280/eesrj.080103	Karim, R., Chowdhury, F.N., Rafi, T.H. (2021). A comprehensive review on environmental factors influencing COVID-19 spread and its effects: A global approach. Environmental and Earth Sciences Research Journal, Vol. 8, No. 1, pp. 23-36. https://doi.org/10.18280/eesrj.080103
20	Hailesilassie, W.T., Ayenew, T., Tekleab, S.	Analysing Trends and Spatio-Temporal Variability of Precipitation in the Main Central Rift Valley Lakes Basin, Ethiopia	main central rift lakes, precipitations, spatio-temporal variability, trends	8, 1, 37-47	https://doi.org/10.18280/eesrj.080104	Hailesilassie, W.T., Ayenew, T., Tekleab, S. (2021). Analysing trends and spatio-temporal variability of precipitation in the Main Central Rift Valley Lakes Basin, Ethiopia. Environmental and Earth Sciences Research Journal, Vol. 8, No. 1, pp. 37-47. https://doi.org/10.18280/eesrj.080104
21	Hidayatullah, F., Mulasari, S.A., Handayani, L.	Health Risk Analysis of Hydrogen Sulfide (H2S) and Ammonia (NH3) Exposure at Piyungan Landfill	environmental health risk analysis, exposure toxic gases, Piyungan landfill, public health problems, risk level	8, 1, 48-52	https://doi.org/10.18280/eesrj.080105	Hidayatullah, F., Mulasari, S.A., Handayani, L. (2021). Health risk analysis of hydrogen sulfide (H2S) and ammonia (NH3) exposure. Environmental and Earth Sciences Research Journal, Vol. 8, No. 1, pp. 48-52. https://doi.org/10.18280/eesrj.080105

22	Amadi, S.O., Agbor, M.E., Udo, S.O.	Analysis of Vulnerability of Calabar Rainfall to Climatic Variability Events: A Critical Factor in Integrated Water Resources Management in the Tropical Coastal Location in Southeastern Nigeria	Calabar, drought, least squares regression, rainfall variability, standardized precipitation index, trend, water resources management	8, 1, 53-60	https://doi.org/10.18280/eesrj.080106	Amadi, S.O., Agbor, M.E., Udo, S.O. (2021). Analysis of vulnerability of Calabar rainfall to climatic variability events: A critical factor in integrated water resources management in the tropical coastal location in southeastern Nigeria. Environmental and Earth Sciences Research Journal, Vol. 8, No. 1, pp. 53-60. https://doi.org/10.18280/eesrj.080106
23	Li, H.J.	Development and Application of a Novel Green Water-Based Drilling Fluid	water-based drilling fluid, treatment agent, green development, field application	8, 1, 61-64	https://doi.org/10.18280/eesrj.080107	Li, H.J. (2021). Development and application of a novel green water-based drilling fluid. Environmental and Earth Sciences Research Journal, Vol. 8, No. 1, pp. 61-64. https://doi.org/10.18280/eesrj.080107
24	Asamoah-Antwi, D., Kumi, S.A., Fianko, J.R.	Assessment of levels of mercury in human breast milk in Obuasi Municipality, Ghana	breastfeeding, total mercury, methylmercury, hazard quotient, infants	7, 3, 95-102	https://doi.org/10.18280/eesrj.070301	Asamoah-Antwi, D., Kumi, S.A., Fianko, J.R. (2020). Assessment of levels of mercury in human breast milk in Obuasi Municipality, Ghana. Environmental and Earth Sciences Research Journal, Vol. 7, No. 3, pp. 95-102. https://doi.org/10.18280/eesrj.070301
25	Gyi, K.K., Nwe, W.T., Zaw, Z.Z., San, K.K.	Seasonal variations on species composition and abundance of marine dinoflagellates in the response of environmental parameters at Rakhine, Mon and Northern Tanintharyi waters	composition, dinoflagellates, mesotrophic, monsoon, pre-monsoon	7, 3, 103-108	https://doi.org/10.18280/eesrj.070302	Gyi, K.K., Nwe, W.T., Zaw, Z.Z., San, K.K. (2020). Seasonal variations on species composition and abundance of marine dinoflagellates in the response of environmental parameters at Rakhine, Mon and Northern Tanintharyi waters. Environmental and Earth Sciences Research Journal, Vol. 7, No. 3, pp. 103-108. https://doi.org/10.18280/eesrj.070302
26	Ongen, T., Konak, G., Karakus, D.	Vibration discomfort levels caused by blasting according to gender	blast-induced vibration, vibration measurements, survey studies, discomfort levels	7, 3, 109-115	https://doi.org/10.18280/eesrj.070303	Ongen, T., Konak, G., Karakus, D. (2020). Vibration discomfort levels caused by blasting according to gender. Environmental and Earth Sciences Research Journal, Vol. 7, No. 3, pp. 109-115. https://doi.org/10.18280/eesrj.070303
27	Aluru, R.R.	Screening and biochemical characterization of PHB producing bacterium isolated from costal region of Andhra Pradesh	biopolymer, Bacillus SP, Polyhydroxtbutyratye, FT-IR, DSC	7, 3, 116-120	https://doi.org/10.18280/eesrj.070304	Aluru, R.R. (2020). Screening and biochemical characterization of PHB producing bacterium isolated from costal region of Andhra Pradesh. Environmental and Earth Sciences Research Journal, Vol. 7, No. 3, pp. 116-120. https://doi.org/10.18280/eesrj.070304
28	Liu, J., Li, G., Xia, Y.	Technical progress on environmental-friendly, high-performance water-based drilling fluids	water-based drilling fluids, environmental-friendly, high-performance, research progress, development trend	7, 3, 121-126	https://doi.org/10.18280/eesrj.070305	Liu, J., Li, G., Xia, Y. (2020). Technical progress on environmental-friendly, high-performance water-based drilling fluids. Environmental and Earth Sciences Research Journal, Vol. 7, No. 3, pp. 121-126. https://doi.org/10.18280/eesrj.070305
29	Rashid, A., Naz, T., Iqbal, M.M., Akhtar, J., Saqib, M., Anwar-ul-Haq, H.M., Ullah, R., Kabir, S., Ikram, Q.D.	Influence of organic amendments on growth and lead uptake of spinach (spinacia oleracea l.) grown in lead-contaminated soil	biochar, compost, heavy metal pollution, immobilization, Spinacia oleracea L	7, 2, 53-61	https://doi.org/10.18280/eesrj.070201	Rashid, A., Naz, T., Iqbal, M.M., Akhtar, J., Saqib, M., Anwar-ul-Haq, H.M., Ullah, R., Kabir, S., Ikram, Q.D. (2020). Influence of organic amendments on growth and lead uptake of spinach (spinacia oleracea l.) grown in lead-contaminated soil. Environmental and Earth Sciences Research Journal, Vol. 7, No. 2, pp. 53-61. https://doi.org/10.18280/eesrj.070201
30	Amjad, K.	Perception and knowledge on climate change: A study of private university students in Bangladesh	climate change, sustainable development, causes, effects, mitigation	7, 2, 62-66	https://doi.org/10.18280/eesrj.070202	Amjad, K. (2020). Perception and knowledge on climate change: A study of private university students in Bangladesh. Environmental and Earth Sciences Research Journal, Vol. 7, No. 2, pp. 62-66. https://doi.org/10.18280/eesrj.070202
31	El Hadi, M.A., Elseed, E.N.G., Elmansour, A.A.	Flow direction and source of recharge of the groundwater in nNorth Kordofan and West White Nile area, Sudan	el kheiran, direct infilteration, static water level, subsurface flow, umm rawaba	7, 2, 67-72	https://doi.org/10.18280/eesrj.070203	El Hadi, M.A., Elseed, E.N.G., Elmansour, A.A. (2020). Flow direction and source of recharge of the groundwater in nNorth Kordofan and West White Nile area, Sudan. Environmental and Earth Sciences Research Journal, Vol. 7, No. 2, pp. 67-72. https://doi.org/10.18280/eesrj.070203
32	Victor, K.J., Armand, K.D., Bernard, T., Bertrand, M.M., Romaric, M.N.P.	Physical properties and environmental impact of mine waste resulting from the exploitation of gold in Bétaré-Oya, Central Africa	Bétaré-Oya, mine waste, environmental impact, civil engineering, physical properties	7, 2, 73-81	https://doi.org/10.18280/eesrj.070204	Victor, K.J., Armand, K.D., Bernard, T., Bertrand, M.M., Romaric, M.N.P. (2020). Physical properties and environmental impact of mine waste resulting from the exploitation of gold in Bétaré-Oya, Central Africa. Environmental and Earth Sciences Research Journal, Vol. 7, No. 2, pp. 73-81. https://doi.org/10.18280/eesrj.070204
33	Amadi, S.O., Chigbu, T.O.	An assessment of the environmental impact, risk challenges and mitigation strategies in Ameka illegal mine sites and environs in Ebonyi State, Southeastern Nigeria	atomic absorption spectrometer, environmental degradation, environmental management, heavy metals concentrations, Mitigation, pH	7, 2, 82-88	https://doi.org/10.18280/eesrj.070205	Amadi, S.O., Chigbu, T.O. (2020). An assessment of the environmental impact, risk challenges and mitigation strategies in Ameka illegal mine sites and environs in Ebonyi State, Southeastern Nigeria. Environmental and Earth Sciences Research Journal, Vol. 7, No. 2, pp. 82-88. https://doi.org/10.18280/eesrj.070205
34	Oo, N.N.	Habitats, local distribution and utilization of some marine bivalves of mon coastal area in Myanmar	bivalve shells, intertidal area, hard clams, oysters, mussels, commercial species	7, 2, 89-94	https://doi.org/10.18280/eesrj.070206	Oo, N.N. (2020). Habitats, local distribution and utilization of some marine bivalves of mon coastal area in Myanmar. Environmental and Earth Sciences Research Journal, Vol. 7, No. 2, pp. 89-94. https://doi.org/10.18280/eesrj.070206
35	Falowo, O.O., Ojo, O.O., Daramola, A.S.	Groundwater resource assessment by hydraulic properties determination for sustainable planning and development in central part of Ondo State, Nigeria	aquiferous units, boreholes, drilling, groundwater, prolific, pumping test, sustainability	7, 1, 1-8	https://doi.org/10.18280/eesrj.070101	Falowo, O.O., Ojo, O.O., Daramola, A.S. (2020). Groundwater resource assessment by hydraulic properties determination for sustainable planning and development in central part of Ondo State, Nigeria. Environmental and Earth Sciences Research Journal, Vol. 7, No. 1, pp. 1-8. https://doi.org/10.18280/eesrj.070101
36	Amubieya, O.E., Oloruntoba, E.O., Adejumo, M., Sridhar, M.K.C.	Correlates of pollution load and assessment of water quality index of a major stream along Yemetu community in Ibadan Nigeria	water quality, correlation, Yemetu stream, pollution, sampling points, water quality index, physico-chemical parameters	7, 1, 9-17	https://doi.org/10.18280/eesrj.070102	Amubieya, O.E., Oloruntoba, E.O., Adejumo, M., Sridhar, M.K.C. (2020). Correlates of pollution load and assessment of water quality index of a major stream along Yemetu community in Ibadan Nigeria. Environmental and Earth Sciences Research Journal, Vol. 7, No. 1, pp. 9-17. https://doi.org/10.18280/eesrj.070102
37	Raza, M., Khan, F., Khan, M.Y., Riaz, M.T., Khan, U.	Reservoir characterization of the B-interval of lower goru formation, miano 9 and 10, miano area, Lower Indus Basin, Pakistan	success, seismic, wells, elastic, corresponding	7, 1, 18-32	https://doi.org/10.18280/eesrj.070103	Raza, M., Khan, F., Khan, M.Y., Riaz, M.T., Khan, U. (2020). Reservoir characterization of the B-interval of lower goru formation, miano 9 and 10, miano area, Lower Indus Basin, Pakistan. Environmental and Earth Sciences Research Journal, Vol. 7, No. 1, pp. 18-32. https://doi.org/10.18280/eesrj.070103
38	Kanojiya, N.C., Shahare, A.S., Sambare, R.K.	Design of modified storage mechanism for daily wastage	households waste, slider mechanism, heat transfer, environment, dustbin	7, 1, 33-38	https://doi.org/10.18280/eesrj.070104	Kanojiya, N.C., Shahare, A.S., Sambare, R.K. (2020). Design of modified storage mechanism for daily wastage. Environmental and Earth Sciences Research Journal, Vol. 7, No. 1, pp. 33-38. https://doi.org/10.18280/eesrj.070104
39	Barkat, E., Abou-Zeid, D.M.M., Sabry, S.A.	Biodegradation of two synthetic polyesters (PCL, BTA) under salt stress	clear zone method, fungi, synthetic polymers, scanning electron microscopy, saline environment	7, 1, 39-46	https://doi.org/10.18280/eesrj.070105	Barkat, E., Abou-Zeid, D.M.M., Sabry, S.A. (2020). Biodegradation of two synthetic polyesters (PCL, BTA) under salt stress. Environmental and Earth Sciences Research Journal, Vol. 7, No. 1, pp. 39-46. https://doi.org/10.18280/eesrj.070105
40	Qian, S.Y.	Analysis for dynamic and static load test of prestressed concrete simply supported bridge	static load test, dynamic load test, finite element, stress, deflection	7, 1, 47-51	https://doi.org/10.18280/eesrj.070106	Qian, S.Y. (2020). Analysis for dynamic and static load test of prestressed concrete simply supported bridge. Environmental and Earth Sciences Research Journal, Vol. 7, No. 1, pp. 47-51. https://doi.org/10.18280/eesrj.070106
41	Forje, G.W., Martin, T., Nfornkah, B.N., Djomo, C.C., Fokeng, R.M.	Bush mango (Irvingia spp.) as an important alternative livelihood source for the indigenes of the Korup national park communities, South West Cameroon	bush mango, value chain, protected areas, constraints, livelihood, natural resources, non timber forest products, bush mango exploitation rights	6, 4, 141-148	https://doi.org/10.18280/eesrj.060401	Forje, G.W., Martin, T., Nfornkah, B.N., Djomo, C.C., Fokeng, R.M. (2019). Bush mango (Irvingia spp.) as an important alternative livelihood source for the indigenes of the Korup national park communities, South West Cameroon. Environmental and Earth Sciences Research Journal, Vol. 6, No. 4, pp. 141-148. https://doi.org10.18280/eesrj.060401
42	Kafisanwo, O.O., Abe, J.S., Falade, A.O.	Generating pseudo-synthetic seismogram with resistivity logs considering the effect of gas: Application to Bizzy field, onshore, Niger-delta, Nigeria	resistivity, crossplot, transforms, geology, seismogram, pseudo-synthetic, petrophysics, gas, linear	6, 4, 149-161	https://doi.org/10.18280/eesrj.060402	Kafisanwo, O.O., Abe, J.S., Falade, A.O. (2019). Generating pseudo-synthetic seismogram with resistivity logs considering the effect of gas: Application to Bizzy field, onshore, Niger-delta, Nigeria. Environmental and Earth Sciences Research Journal, Vol. 6, No. 4, pp. 149-161. https://doi.org10.18280/eesrj.060402

43	Hailesilassie, W.T., Tegaye, T.A.	Comparative assessment of the water quality deterioration of Ethiopian rift lakes: The case of lakes Ziway and Hawassa	environmental change ethiopian rift, water quality, hawassa, ziway	6, 4, 162-166	https://doi.org/10.18280/eesrj.060403	Hailesilassie, W.T., Tegaye, T.A. (2019). Comparative assessment of the water quality deterioration of Ethiopian rift lakes: The case of lakes Ziway and Hawassa. Environmental and Earth Sciences Research Journal, Vol. 6, No. 4, pp. 162-166. https://doi.org10.18280/eesrj.060403
44	Tehna, N., Sababa, E., Bessa, A.Z.E., Etame, J.	Mine waste and heavy metal pollution in Betare-Oya mining area (eastern Cameroon)	betare-oya, mining, pollution indices, pollution, soil, tailing	6, 4, 167-176	https://doi.org/10.18280/eesrj.060404	Tehna, N., Sababa, E., Bessa, A.Z.E., Etame, J. (2019). Mine waste and heavy metal pollution in Betare-Oya mining area (eastern Cameroon). Environmental and Earth Sciences Research Journal, Vol. 6, No. 4, pp. 167-176. https://doi.org10.18280/eesrj.060404
45	Al-Shawabkeh, A.F., Abu-Hamatteh, Z.S.H., Saadeh W.H., Omar, W.S.	Calcium hydroxide washing treatment of Jordanian phosphogypsum for utilization as raw material in cement industry	hydrate calcium sulfate, radioactivity, uranium, hydration, phosphogypsum, impurities, Jordan	6, 4, 177-184	https://doi.org/10.18280/eesrj.060405	Al-Shawabkeh, A.F., Abu-Hamatteh, Z.S.H., Saadeh W.H., Omar, W.S. (2019). Calcium hydroxide washing treatment of Jordanian phosphogypsum for utilization as raw material in cement industry. Environmental and Earth Sciences Research Journal, Vol. 6, No. 4, pp. 177-184. https://doi.org10.18280/eesrj.060405
46	Hudeček, V., Zubíček, V., Zapletal, P.	Escape of firedamp in urban development areas in Ostrava - Karviná coal district, Czech Republic	firedamp, abandoned mines with escaping firedamp, protection of undermined areas, active prevention, passive prevention	6, 4, 185-189	https://doi.org/10.18280/eesrj.060406	Hudeček, V., Zubíček, V., Zapletal, P. (2019). Escape of firedamp in urban development areas in Ostrava - Karviná coal district, Czech Republic. Environmental and Earth Sciences Research Journal, Vol. 6, No. 4, pp. 185-189. https://doi.org10.18280/eesrj.060406
47	Undie, U.U., Eneji, I.S., Khan, M.E.	Assessment of heavy metals in water and fishes of Oyo field and ilaje coastal waters, Ondo state, Nigeria	water quality, toxic metals, fish, AAS analysis, bioaccumulation, contamination, coastal water	6, 3, 97-102	https://doi.org/10.18280/eesrj.060301	Undie, U.U., Eneji, I.S., Khan, M.E. (2019). Assessment of heavy metals in water and fishes of Oyo field and ilaje coastal waters, Ondo state, Nigeria. Environmental and Earth Sciences Research Journal, Vol. 6, No. 3, pp. 97-102. https://doi.org10.18280/eesrj.060301
48	Selma, K., Kaddour, K., Dihia, A.	Vulnerability to the pollution of the superficial aquifer of boulimat area (North Algeria) by DRASTIC method	algeria, aquifer, area, boulimat, DRASTIC, pollution, risk map, vulnerability	6, 3, 103-111	https://doi.org/10.18280/eesrj.060302	Selma, K., Kaddour, K., Dihia, A. (2019). Vulnerability to the pollution of the superficial aquifer of boulimat area (North Algeria) by DRASTIC method. Environmental and Earth Sciences Research Journal, Vol. 6, No. 3, pp. 103-111. https://doi.org10.18280/eesrj.060302
49	Anazoba, C.J., Eneji, I.S., Sha'Ato, R.	Water quality and heavy metals contamination of artificial lakes in Heipang and Rayfield, Plateau State, Nigeria	lake, warter quality, heavy metal, bioaccumulation, toxic	6, 3, 112-118	https://doi.org/10.18280/eesrj.060303	Anazoba, C.J., Eneji, I.S., Sha'Ato, R. (2019). Water quality and heavy metals contamination of artificial lakes in Heipang and Rayfield, Plateau State, Nigeria. Environmental and Earth Sciences Research Journal, Vol. 6, No. 3, pp. 112-118. https://doi.org10.18280/eesrj.060303
50	Peng, Y.L., Liu, X.G., Zhu, Y.F., Yang, Q.L.	Effects of pressure heads and soil bulk density on infiltration characteristics of vertically inserted moistube irrigation	moistube irrigation, pressure head, soil bulk density, infiltration rate, cumulative infiltration, regression analysis	6, 3, 119-124	https://doi.org/10.18280/eesrj.060304	Peng, Y.L., Liu, X.G., Zhu, Y.F., Yang, Q.L. (2019). Effects of pressure heads and soil bulk density on infiltration characteristics of vertically inserted moistube irrigation. Environmental and Earth Sciences Research Journal, Vol. 6, No. 3, pp. 119-124. https://doi.org10.18280/eesrj.060304
51	Falade, A.O., Amigun, J.O., Kafisanwo, O.O.	Application of electrical resistivity and very low frequency electromagnetic induction methods in groundwater investigation in Ilara-Mokin, Akure Southwestern Nigeria	Groundwater Exploration, Vertical Electrical Sounding (VES), Very Low Frequency Electromagnetic Method (VLF-EM), aquifer, resistivity, conductivity	6, 3, 125-135	https://doi.org/10.18280/eesrj.060305	Falade, A.O., Amigun, J.O., Kafisanwo, O.O. (2019). Application of electrical resistivity and very low frequency electromagnetic induction methods in groundwater investigation in Ilara-Mokin, Akure Southwestern Nigeria. Environmental and Earth Sciences Research Journal, Vol. 6, No. 3, pp. 125-135. https://doi.org10.18280/eesrj.060305
52	Lan, Z.G., Zhang, W., Yang, G., Chen, D.H., Chen, J.Q.	A new method for determining the critical slip surface of fractured rock slope	fractured rock slope, critical slip surface, floyd algorithm, persistence	6, 3, 136-140	https://doi.org/10.18280/eesrj.060306	Lan, Z.G., Zhang, W., Yang, G., Chen, D.H., Chen, J.Q. (2019). A new method for determining the critical slip surface of fractured rock slope. Environmental and Earth Sciences Research Journal, Vol. 6, No. 3, pp. 136-140. https://doi.org10.18280/eesrj.060306
53	Edewede, D.B., Onojiede, E.D., Peace, N.	Effect of urban centre growth on vegetation cover: A case study of ebony state, south-eastern, Nigeria	built-up areas, effects, growth, urban centre, vegetation cover	6, 2, 51-58	https://doi.org/10.18280/eesrj.060201	Edewede, D.B., Onojiede, E.D., Peace, N. (2019). Effect of urban centre growth on vegetation cover: A case study of ebony state, south-eastern, Nigeria. Environmental and Earth Sciences Research Journal, Vol. 6, No. 2, pp. 51-58. https://doi.org10.18280/eesrj.060201
54	Ajayi, T., Awotuyi, B., Bello, R.	Geoelectric assessment of groundwater potential in Supare Akoko, southwestern, Nigeria	groundwater potential, geoelectric, vertical electrical sounding, overburden, basement	6, 2, 59-71	https://doi.org/10.18280/eesrj.060202	Ajayi, T., Awotuyi, B., Bello, R. (2019). Geoelectric assessment of groundwater potential in Supare Akoko, southwestern, Nigeria. Environmental and Earth Sciences Research Journal, Vol. 6, No. 2, pp. 59-71. https://doi.org10.18280/eesrj.060202
55	Aluvihara, S., Premachandra, J.K.	Contingency of the destruction of metals in petroleum oils	crude oils, corrosive properties, ferrous metals, destruction, weight loss, corrosion	6, 2, 72-77	https://doi.org/10.18280/eesrj.060203	Aluvihara, S., Premachandra, J.K. (2019). Contingency of the destruction of metals in petroleum oils. Environmental and Earth Sciences Research Journal, Vol. 6, No. 2, pp. 2-77. https://doi.org10.18280/eesrj.060203
56	Peng, X.D., Yang, C.Q., Bian, X.Q., Wang, L.C., Luo, J., Ruan, H.J.	Experimental analysis on depletion production with long-core displacement for abnormally high-pressure gas reservoir	Abnormally High-pressure (AHP) gas reservoir, depletion production, recovery ratio, long-core displacement, Production Index Curve (PIC)	6, 2, 78-82	https://doi.org/10.18280/eesrj.060204	Peng, X.D., Yang, C.Q., Bian, X.Q., Wang, L.C., Luo, J., Ruan, H.J. (2019). Experimental analysis on depletion production with long-core displacement for abnormally high-pressure gas reservoir. Environmental and Earth Sciences Research Journal, Vol. 6, No. 2, pp. 78-82. https://doi.org10.18280/eesrj.060204
57	Abija, F.A.	Assessment of coastal modification and surf zone induced erosion in Itak Abasi Beach, Eastern Niger Delta, Nigeria	beach, volumetric change, erosion, accretion, surf scaling index	6, 2, 83-88	https://doi.org/10.18280/eesrj.060205	Abija, F.A. (2019). Assessment of coastal modification and surf zone induced erosion in Itak Abasi Beach, Eastern Niger Delta, Nigeria. Environmental and Earth Sciences Research Journal, Vol. 6, No. 2, pp. 83-88. https://doi.org10.18280/eesrj.060205
58	Onyango, J.A., Zhang, C.Y.	Numerical analysis of slope stability by strength reduction in finite elements using ANSYS a case study of Qinglong-Xingyi expressway contract section T1(K11+790~K11+875)	slope safety factor, landslide, slip zone, deep-seated failure, reinforcement, piles	6, 2, 89-96	https://doi.org/10.18280/eesrj.060206	Onyango, J.A., Zhang, C.Y. (2019). Numerical analysis of slope stability by strength reduction in finite elements using ANSYS a case study of Qinglong-Xingyi expressway contract section T1(K11+790~K11+875). Environmental and Earth Sciences Research Journal, Vol. 6, No. 2, pp. 89-96. https://doi.org10.18280/eesrj.060206
59	Peace, N., David, E.	Regional assessment of population and warming of a tropical country, Nigeria, from 2006 to 2036	heat island, Nigeria, population, population density, states, regional population	6, 1, 1-7	https://doi.org/10.18280/eesrj.060101	Peace, N., David, E. (2019). Regional assessment of population and warming of a tropical country, Nigeria, from 2006 to 2036. Environmental and Earth Sciences Research Journal, Vol. 6, No. 1, pp. 1-7. https://doi.org10.18280/eesrj.060101
60	Hamouda, A., El-Gharabawy, S.	Impacts of neotectonics and salt diaper on the nile fan deposit, Eastern Mediterranean	neotectonics, subduction, hellenic arc, cyprean arc, seismic strain, nile delta	6, 1, 8-18	https://doi.org/10.18280/eesrj.060102	Hamouda, A., El-Gharabawy, S. (2019). Impacts of neotectonics and salt diaper on the nile fan deposit, Eastern Mediterranean. Environmental and Earth Sciences Research Journal, Vol. 6, No. 1, pp. 8-18. https://doi.org10.18280/eesrj.060102
61	Daful, M.G., Ezeamaka, C.K., Ogbole, M., Sani, H., Sadiq, Q.O.	The application of remote sensing and geographic information system in assessing probable tsetse flies habitats in Ikom LGA, cross river state, Nigeria	breeding sites, probable, tsetse flies, trypanosomes, trypanosomiasis, remote sensing and GIS	6, 1, 19-23	https://doi.org/10.18280/eesrj.060103	Daful, M.G., Ezeamaka, C.K., Ogbole, M., Sani, H., Sadiq, Q.O. (2019). The application of remote sensing and geographic information system in assessing probable tsetse flies habitats in Ikom LGA, cross river state, Nigeria. Environmental and Earth Sciences Research Journal, Vol. 6, No. 1, pp. 19-23. https://doi.org10.18280/eesrj.060103
62	Samuel, S.A.	The Geology, petrography, and economic potential of parts of nassarawa-eggon and environs, North Central Nigeria	Nigerian basement complex, precambrian geology, petrographic studies, geologic structures, economic geology	6, 1, 24-34	https://doi.org/10.18280/eesrj.060104	Samuel, S.A. (2019). The Geology, petrography, and economic potential of parts of nassarawa-eggon and environs, North Central Nigeria. Environmental and Earth Sciences Research Journal, Vol. 6, No. 1, pp. 24-34. https://doi.org10.18280/eesrj.060104
63	Yadav, R.R., Roy, J.	Numerical solution for one-dimensional solute transport with variable dispersion	advection, dispersion, aquifer, porous medium, crank-nicolson method	6, 1, 35-42	https://doi.org/10.18280/eesrj.060105	Yadav, R.R., Roy, J. (2019). Numerical solution for one-dimensional solute transport with variable dispersion. Environmental and Earth Sciences Research Journal, Vol. 6, No. 1, pp. 35-42. https://doi.org10.18280/eesrj.060105

64	Zhou, Z.F., Li, J.J., Zhao, W.T., Zeng, H.X.	Optimal tax rate and its effect on copper mine resource tax in China: A computable general equilibrium model	Ad valorem duty, CGE model, copper resource tax, macroeconomic impact, optimal tax rate	6, 1, 43-50	https://doi.org/10.18280/eesrj.060106	Zhou, Z.F., Li, J.J., Zhao, W.T., Zeng, H.X. (2019). Optimal tax rate and its effect on copper mine resource tax in China: A computable general equilibrium model. Environmental and Earth Sciences Research Journal, Vol. 6, No. 1, pp. 43-50. https://doi.org10.18280/eesrj.060106
65	Kafisanwo, O.O., Falade, A.O., Bakare, O.V., Oresanya, A.A.	Reservoir characterization and prospect identification in Onka field, offshore, Niger Delta	seismic, reservoir characterization, Niger-Delta, prospect evaluation, petrophysics, onka field, offshore, geology	5, 4, 79-86	https://doi.org/10.18280/eesrj.050401	Kafisanwo, O.O., Falade, A.O., Bakare, O.V., Oresanya, A.A. (2018). Reservoir characterization and prospect identification in Onka field, offshore, Niger Delta. Environmental and Earth Sciences Research Journal, Vol. 5, No. 4, pp. 79-86. https://doi.org10.18280/eesrj.050401
66	Mawarni, L.W., Maryanto, S., Nadhir, A.	Magnetic method used in geothermal reservoirs identification in Kasinan-Songgoriti, East Java, Indonesia	magnetic method, reservoir, geothermal, kasinan, songgoriti	5, 4, 87-93	https://doi.org/10.18280/eesrj.050402	Mawarni, L.W., Maryanto, S., Nadhir, A. (2018). Magnetic method used in geothermal reservoirs identification in Kasinan-Songgoriti, East Java, Indonesia. Environmental and Earth Sciences Research Journal, Vol. 5, No. 4, pp. 87-93. https://doi.org10.18280/eesrj.050402
67	Elmansour, A.A., Elseed, E.G.	Groundwater dynamics in Ennuhud Basin, Kordofan Region, Sudan	ennuhud basin, groundwater fluxes, hydraulic gradient, hydraulic parameters, rechadge	5, 4, 94-100	https://doi.org/10.18280/eesrj.050403	Elmansour, A.A., Elseed, E.G. (2018). Groundwater dynamics in Ennuhud Basin, Kordofan Region, Sudan. Environmental and Earth Sciences Research Journal, Vol. 5, No. 4, pp. 94-100. https://doi.org10.18280/eesrj.050403
68	Liu, T.Y., Zhang, W., Tan, C., Ma, Z.F.	Numerical simulation of gravity dam seepage field based on UDEC – with Datengxia hydropower station as an example	seepage, stability, UDEC, discrete element	5, 4, 101-106	https://doi.org/10.18280/eesrj.050404	Liu, T.Y., Zhang, W., Tan, C., Ma, Z.F. (2018). Numerical simulation of gravity dam seepage field based on UDEC – with Datengxia hydropower station as an example. Environmental and Earth Sciences Research Journal, Vol. 5, No. 4, pp. 101-106. https://doi.org10.18280/eesrj.050404
69	Diagi, B.E.	Analysis of rainfall trend and variability in Ebonyi state, South Eastern Nigeria	rainfall, trend, variability, pattern, agriculture	5, 3, 53-57	https://doi.org/10.18280/eesrj.050301	Diagi, B.E. (2018). Analysis of rainfall trend and variability in Ebonyi state, South Eastern Nigeria. Environmental and Earth Sciences Research Journal, Vol. 5, No. 3, pp. 53-57. https://doi.org10.18280/eesrj.050301
70	Isa, Z., Danjuma, B.	Regressive vegetation cover status in river Kaduna catchment area Kaduna, Nigeria	vegetation, depletion, remote sensing, NDVI, KC, river Kaduna, regression	5, 3, 58-65	https://doi.org/10.18280/eesrj.050302	Isa, Z., Danjuma, B. (2018). Regressive vegetation cover status in river Kaduna catchment area Kaduna, Nigeria. Environmental and Earth Sciences Research Journal, Vol. 5, No. 3, pp. 58-65. https://doi.org10.18280/eesrj.050302
71	Tersoo, A., Isah, B.	The geology and petrography of the Arikya Tsauni quartzite and pegmatite ridges, central Nigeria	Arikya Tsauni, geology, pegmatite, petrography, quartzite	5, 3, 66-73	https://doi.org/10.18280/eesrj.050303	Tersoo, A., Isah, B. (2018). The geology and petrography of the Arikya Tsauni quartzite and pegmatite ridges, central Nigeria. Environmental and Earth Sciences Research Journal, Vol. 5, No. 3, pp. 66-73. https://doi.org10.18280/eesrj.050303
72	Mamman, M.B., Bello, A.A., Usman, A.A.	Analysis of rainfall variation over northern parts of Nigeria	rainfall, northern Nigeria, skewness, kurtosis, coefficient of variation	5, 3, 74-78	https://doi.org/10.18280/eesrj.050304	Mamman, M.B., Bello, A.A., Usman, A.A. (2018). Analysis of rainfall variation over northern parts of Nigeria. Environmental and Earth Sciences Research Journal, Vol. 5, No. 3, pp. 74-78. https://doi.org10.18280/eesrj.050304
73	Bello, A.A., Mamman, M.B.	Monthly rainfall prediction using artificial neural network: A case study of Kano, Nigeria	artificial neural network, monthly rainfall, climate indices, El Niño–southern oscillation	5, 2, 37-41	https://doi.org/10.18280/eesrj.050201	Bello, A.A., Mamman, M.B. (2018). Monthly rainfall prediction using artificial neural network: A case study of Kano, Nigeria. Environmental and Earth Sciences Research Journal, Vol. 5, No. 2, pp. 37-41. https://doi.org10.18280/eesrj.050201
74	Zhang, J.Y., Luo, Z.S., Duan, G.Y.	Model test study on cracking condition and propagation path of main structural plane tip in compression-shear type of perilous rock	perilous rock, compression-shear damage, main structural plane; model test, crack condition	5, 2, 42-47	https://doi.org/10.18280/eesrj.050202	Zhang, J.Y., Luo, Z.S., Duan, G.Y. (2018). Model test study on cracking condition and propagation path of main structural plane tip in compression-shear type of perilous rock. Environmental and Earth Sciences Research Journal, Vol. 5, No. 2, pp. 42-47. https://doi.org10.18280/eesrj.050202
75	Vishnoi, M., Kumar, A.N.V., Murugan S.S.	Parameter optimization of micro ECDM process of borosilicate glass	Electro Chemical Discharge Machining (ECDM), Material Removal Rate (MRR), Tool Wear Rate (TWR), Taguchi Method	5, 2, 48-52	https://doi.org/10.18280/eesrj.050203	Vishnoi, M., Kumar, A.N.V., Murugan S.S. (2018). Parameter optimization of micro ECDM process of borosilicate glass. Environmental and Earth Sciences Research Journal, Vol. 5, No. 2, pp. 48-52. https://doi.org10.18280/eesrj.050203
76	Dou, W.	Motivation mechanism and motivation analysis of social responsibility of oil and gas enterprises	oil and gas enterprises, social responsibility, motivation mechanism	5, 1, 1-6	https://doi.org/10.18280/eesrj.050101	Dou, W. (2018). Motivation mechanism and motivation analysis of social responsibility of oil and gas enterprises. Environmental and Earth Sciences Research Journal, Vol. 5, No. 1, pp. 1-6. https://doi.org10.18280/eesrj.050101
77	Ademila, O., Saloko, B.	Hydrogeoelectrical evaluation of groundwater flow pattern in a Basement Complex terrain, Southwest Nigeria	hydrogeologic measurement, electrical resistivity, groundwater flow pattern, groundwater head, transmissivity, aquifer	5, 1, 7-14	https://doi.org/10.18280/eesrj.050102	Ademila, O., Saloko, B. (2018). Hydrogeoelectrical evaluation of groundwater flow pattern in a Basement Complex terrain, Southwest Nigeria. Environmental and Earth Sciences Research Journal, Vol. 5, No. 1, pp. 7-14. https://doi.org10.18280/eesrj.050102
78	Ogunyele, A.C., Akingboye, A.S.	Tin Mineralisation in Nigeria: A review	mineral resources, pegmatite belt, tin mineralisation, younger granite	5, 1, 15-23	https://doi.org/10.18280/eesrj.050103	Ogunyele, A.C., Akingboye, A.S. (2018). Tin Mineralisation in Nigeria: A review. Environmental and Earth Sciences Research Journal, Vol. 5, No. 1, pp. 15-23. https://doi.org10.18280/eesrj.050103
79	Xu, Y.F., Zhao, X.Z., Wang, W.H.	Business model target map based on grounded theory methodology	business model, business model target map, grounded theory methodology	5, 1, 24-28	https://doi.org/10.18280/eesrj.050104	Xu, Y.F., Zhao, X.Z., Wang, W.H. (2018). Business model target map based on grounded theory methodology. Environmental and Earth Sciences Research Journal, Vol. 5, No. 1, pp. 24-28. https://doi.org10.18280/eesrj.050104
80	Abdullahi, N.K., Ahmad, M.S., Abubakar, A.	Application of electrical resistivity tomography technique for delineation of gold mineralization in Bugai town, Birnin Gwari, Kaduna, North Western Nigeria	electrical resistivity tomography, dipole-dipole array, mineralization, silification, quartz veins, bugai	5, 1, 29-35	https://doi.org/10.18280/eesrj.050105	Abdullahi, N.K., Ahmad, M.S., Abubakar, A. (2018). Application of electrical resistivity tomography technique for delineation of gold mineralization in Bugai town, Birnin Gwari, Kaduna, North Western Nigeria. Environmental and Earth Sciences Research Journal, Vol. 5, No. 1, pp. 29-35. https://doi.org10.18280/eesrj.050105
81	Liu, W., Xue, Y.J.	A static load test study for one continuous beam bridge	Continuous Beam Bridge (CBB), load distribution plan, static load test, strain, deflection	4, 4, 87-92	https://doi.org/10.18280/eesrj.040401	Liu, W., Xue, Y.J. (2017). A static load test study for one continuous beam bridge. Environmental and Earth Sciences Research Journal, Vol. 4, No. 4, pp. 87-92. https://doi.org10.18280/eesrj.040401
82	Xue, Y. J., Liu, W.	Research on application of grey system theory in construction monitoring of continuous rigid frame bridge	continuous rigid frame, grey theory, construction monitoring	4, 4, 93-96	https://doi.org/10.18280/eesrj.040402	Xue, Y. J., Liu, W. (2017). Research on application of grey system theory in construction monitoring of continuous rigid frame bridge. Environmental and Earth Sciences Research Journal, Vol. 4, No. 4, pp. 93-96. https://doi.org10.18280/eesrj.040402
83	Tirmizi, S.T., Ul Haq Tirmizi, S.R.	GIS based risk assessment of oil and gas infrastructure in Sindh, Pakistan	oil and gas industry, GIS, spatial analysis	4, 3, 55-59	https://doi.org/10.18280/eesrj.040301	Tirmizi, S.T., Ul Haq Tirmizi, S.R. (2017). GIS based risk assessment of oil and gas infrastructure in Sindh, Pakistan. Environmental and Earth Sciences Research Journal, Vol. 4, No. 3, pp. 55-59. https://doi.org10.18280/eesrj.040301
84	Chen, B.B.	Finite element strength reduction analysis on slope stability based on ANSYS	Ansys software, strength reduction, slope stability analysis, safety factor	4, 3, 60-65	https://doi.org/10.18280/eesrj.040302	Chen, B.B. (2017). Finite element strength reduction analysis on slope stability based on ANSYS. Environmental and Earth Sciences Research Journal, Vol. 4, No. 3, pp. 60-65. https://doi.org10.18280/eesrj.040302

85	Ademila, O.	Aeromagnetic characterization of parts of Ondo and Ekiti States, Southwestern Nigeria	aeromagnetic, Lkole sheet, magnetic intensity, geological mapping, depth to magnetic sources	4, 3, 66-75	https://doi.org/10.18280/eesrj.040303	Ademila, O. (2017). Aeromagnetic characterization of parts of Ondo and Ekiti States, Southwestern Nigeria. Environmental and Earth Sciences Research Journal, Vol. 4, No. 3, pp. 66-75. https://doi.org10.18280/eesrj.040303
86	Wahid, A., Madden, M.	Evaluation of environmental sensitivity of the coastal plains shoreline to oil spills: Southwestern Sinai coastal plain, Egypt	geospatial, GIS, oil spills, environmental sensitivity index, sinai egypt, coastal plains	4, 3, 76-86	https://doi.org/10.18280/eesrj.040304	Wahid, A., Madden, M. (2017). Evaluation of environmental sensitivity of the coastal plains shoreline to oil spills: Southwestern Sinai coastal plain, Egypt. Environmental and Earth Sciences Research Journal, Vol. 4, No. 3, pp. 76-86. https://doi.org10.18280/eesrj.040304
87	De, S.	Faster numerical weather forecasting using parallel computing with multi-mesh topology	multi-mesh topology, parallel computing, weather forecasting	4, 2, 29-32	https://doi.org/10.18280/eesrj.040201	De, S. (2017). Faster numerical weather forecasting using parallel computing with multi-mesh topology. Environmental and Earth Sciences Research Journal, Vol. 4, No. 2, pp. 29-32. https://doi.org10.18280/eesrj.040201
88	Sil, I., Mukherjee, S., Biswas, K.	A review of energy harvesting technology and its potential applications	energy harvesting, piezoelectric, thermal, thermoelectric, vibration	4, 2, 33-38	https://doi.org/10.18280/eesrj.040202	Sil, I., Mukherjee, S., Biswas, K. (2017). A review of energy harvesting technology and its potential applications. Environmental and Earth Sciences Research Journal, Vol. 4, No. 2, pp. 233-38. https://doi.org10.18280/eesrj.040202
89	Rudra, J.P., Chakraborty, M.	Increase in lifetime by harvested energy and analysis of RC5 along with efficient energy consumption in WBAN	cluster head, cluster members, cryptography, health care	4, 2, 39-44	https://doi.org/10.18280/eesrj.040203	Rudra, J.P., Chakraborty, M. (2017). Increase in lifetime by harvested energy and analysis of RC5 along with efficient energy consumption in WBAN. Environmental and Earth Sciences Research Journal, Vol. 4, No. 2, pp. 239-44. https://doi.org10.18280/eesrj.040203
90	Bhattacharya, T., Chakraborty, S., Roy, R., Sarkar, A., Bhattacharyya, S.	Self-controlled irrigation system	farming, irrigation, iot, sensors, pump, water resources, automation	4, 2, 45-48	https://doi.org/10.18280/eesrj.040204	Bhattacharya, T., Chakraborty, S., Roy, R., Sarkar, A., Bhattacharyya, S. (2017). Self-controlled irrigation system. Environmental and Earth Sciences Research Journal, Vol. 4, No. 2, pp. 245-48. https://doi.org10.18280/eesrj.040204
91	Chen, B.B., Fu, Z.H., Chen, T.	Stability analysis and evaluation of a landslide area in Sichuan	landslide, landslide geological conditions, stability analysis and evaluation	4, 2, 49-54	https://doi.org/10.18280/eesrj.040205	Chen, B.B., Fu, Z.H., Chen, T. (2017). Stability analysis and evaluation of a landslide area in Sichuan. Environmental and Earth Sciences Research Journal, Vol. 4, No. 2, pp. 249-54. https://doi.org10.18280/eesrj.040205
92	Liu, X.G., Han, Z.H., Hao, K., Yu, N., Yang, Q.L.	Progresses and prospects in the coupling effects of water-saving irrigation and shade cultivation on Arabica Coffee at Dry-hot Valley in Southwest China	arabica coffee, water-saving irrigation, shade cultivation, coupling effects	4, 1, 1-6	https://doi.org/10.18280/eesrj.040101	Liu, X.G., Han, Z.H., Hao, K., Yu, N., Yang, Q.L. (2017). Progresses and prospects in the coupling effects of water-saving irrigation and shade cultivation on Arabica Coffee at Dry-hot Valley in Southwest China. Environmental and Earth Sciences Research Journal, Vol. 4, No. 1, pp. 1-6. https://doi.org10.18280/eesrj.040101
93	Sanjeev, R.	Geophysical resistivity survey (VES) for selection of appropriate artificial recharge (Ar) structures for augmentation of groundwater resources in Gwalior, M.P, India	Rainwater Harvesting, Artificial Recharge (AR), Vertical Electrical Sounding (VES), well-siting, ABEM Terrameter –SAS 300, litholog, morar shales, schlumbger configuration	4, 1, 7-11	https://doi.org/10.18280/eesrj.040102	Sanjeev, R. (2017). Geophysical resistivity survey (VES) for selection of appropriate artificial recharge (Ar) structures for augmentation of groundwater resources in Gwalior, M.P, India. Environmental and Earth Sciences Research Journal, Vol. 4, No. 1, pp. 7-11. https://doi.org10.18280/eesrj.040102
94	Bao, Z.B.	Construction of the evaluation system of regional agricultural circular economy and TOPSIS application	regional ACE, index system, TOPSIS	4, 1, 12-16	https://doi.org/10.18280/eesrj.040103	Bao, Z.B. (2017). Construction of the evaluation system of regional agricultural circular economy and TOPSIS application. Environmental and Earth Sciences Research Journal, Vol. 4, No. 1, pp. 12-16. https://doi.org10.18280/eesrj.040103
95	Mukherjee, S.	Simulation of daylight and artificial lighting integration and energy savings	integrated lighting simulation, uniformity of illuminance, dimming value, isolux diagram, lighting-load, average illuminance	4, 1, 17-22	https://doi.org/10.18280/eesrj.040104	Mukherjee, S. (2017). Simulation of daylight and artificial lighting integration and energy savings. Environmental and Earth Sciences Research Journal, Vol. 4, No. 1, pp. 17-22. https://doi.org10.18280/eesrj.040104
96	Pal, S., Ghosh, S., Bhattacharya, S.	Study and implementation of environment monitoring system based on MQTT	MQTT protocol, internet of things, mobile technology, embedded systems, communication	4, 1, 23-28	https://doi.org/10.18280/eesrj.040105	Pal, S., Ghosh, S., Bhattacharya, S. (2017). Study and implementation of environment monitoring system based on MQTT. Environmental and Earth Sciences Research Journal, Vol. 4, No. 1, pp. 23-28. https://doi.org10.18280/eesrj.040105