No.	Co-authors	Article title	Keywords	Vol., No., pp.	DOI	Citation
1	Chimi, C.D., Noudem, J.C., Zekeng, J.C., Tientcheu Tcheugoue, L.A., Tabue Mbobda, R.B., Kabelong Banoho, L.P.R., Ngoukwa, G., Onana, D., Zapfack, L.	Modelling Carbon Stock Trends in a Previously Exploited Forest Protected Area: An Opportunity for the REDD+ Initiative?	carbon stocks, global warming, future prediction, Belabo-Diang Massif Forest, Cameroon	11, 3, 43-49	https://doi.org/10.18280/eesrj.110301	Chimi, C.D., Noudem, J.C., Zekeng, J.C., Tientcheu Tcheugoue, L.A., Tabue Mbobda, R.B., Kabelong Banoho, L.P.R., Ngoukwa, G., Onana, D., Zapfack, L. (2024). Modelling carbon stock trends in a previously exploited forest protected area: An opportunity for the REDD+ initiative? Environmental and Earth Sciences Research Journal, Vol. 11, No. 3, pp. 43-49. https://doi.org/10.18280/eesrj.110301
2	Yastrebov, A.	The Svyatskiy Stream Hypothesis: The Tunguska Event and the Future Risks of Cosmic Collisions	Siberian Fan Reliefs, SFR, Tunguska catastrophe, Tunguska Cosmic Body, TCB, noctilucent clouds, NLC, Comet 29P Schwassmann–Wachmann	11, 3, 50-60	https://doi.org/10.18280/eesrj.110302	Yastrebov, A. (2024). The Svyatskiy stream hypothesis: The Tunguska event and the future risks of cosmic collisions. Environmental and Earth Sciences Research Journal, Vol. 11, No. 3, pp. 50-60. https://doi.org/10.18280/eesrj.110302
3	Aweda, F.O., Samson, T.K., Adeola, S.O., Jegede, O.O., Ojedokun, I.A., Akinpelu, J.A.	Influence of Temperature Fluctuations on Rainfall Variations Using Statistical and Machine Learning Approaches over Selected Stations in Nigeria	atmospheric parameters, meteorology, statistical tools, machine learning algorithms, MERRA-2	11, 3, 61-71	https://doi.org/10.18280/eesrj.110303	Aweda, F.O., Samson, T.K., Adeola, S.O., Jegede, O.O., Ojedokun, I.A., Akinpelu, J.A. (2024). Influence of temperature fluctuations on rainfall variations using statistical and machine learning approaches over selected stations in Nigeria. Environmental and Earth Sciences Research Journal, Vol. 11, No. 3, pp. 61-71. https://doi.org/10.18280/eesrj.110303
4	Risnawati, M., Bintoro, A., Surnayanti, Harianto, S.P., Tsani, M.K., Santoso, T.	Analysis of C/N Ratio Content in Market Waste Compost Fertilizer	Hanura Village, C/N ratio, compost, market waste	11, 3, 72-78	https://doi.org/10.18280/eesrj.110304	Risnawati, M., Bintoro, A., Surnayanti, Harianto, S.P., Tsani, M.K., Santoso, T. (2024). Analysis of C/N ratio content in market waste compost fertilizer. Environmental and Earth Sciences Research Journal, Vol. 11, No. 3, pp. 72-78. https://doi.org/10.18280/eesrj.110304
5	Mehta, K.V.	Custard Apple Leaves: A Green and Effective Adsorbent for Colourant in Wastewater Treatment	colourant, SADBS, custard apple leaves, adsorption phenomenon	11, 3, 79-83	https://doi.org/10.18280/eesrj.110305	Mehta, K.V. (2024). Custard apple leaves: A green and effective adsorbent for colourant in wastewater treatment. Environmental and Earth Sciences Research Journal, Vol. 11, No. 3, pp. 79-83. https://doi.org/10.18280/eesrj.110305
6	Bouba, A., Njeudjang, K., Aime, M.J., Raouf, A., Ghomsi, F.E.K., Pham, L.T.	Analyzing Structural Lineaments in the Garoua Sedimentary Basin via SGG-UGM-2 Gravity Data: Enhanced Edge-Detection Techniques	gravity data, sedimentary basin, SGG-UGM-2, structural lineaments, edge detection filters	11, 2, 28-35	https://doi.org/10.18280/eesrj.110201	Bouba, A., Njeudjang, K., Aime, M.J., Raouf, A., Ghomsi, F.E.K., Pham, L.T. (2024). Analyzing structural lineaments in the Garoua sedimentary basin via SGG-UGM-2 gravity data: Enhanced edge-detection techniques. Environmental and Earth Sciences Research Journal, Vol. 11, No. 2, pp. 28-35. https://doi.org/10.18280/eesrj.110201
7	Dago, I.M., Njeudjang, K., Abakar, H.I., Sontia, D.F., Kibanya, N.N., Nouck, P.N.	Controlling Water Inflows and Optimizing Production from an Oil Well Using Chemical Injection	excessive water inflows, polymers and gels, production flow, saturation, temperature, economic report	11, 2, 36-42	https://doi.org/10.18280/eesrj.110202	Dago, I.M., Njeudjang, K., Abakar, H.I., Sontia, D.F., Kibanya, N.N., Nouck, P.N. (2024). Controlling water inflows and optimizing production from an oil well using chemical injection. Environmental and Earth Sciences Research Journal, Vol. 11, No. 2, pp. 36-42. https://doi.org/10.18280/eesrj.110202
8	Mawat, M.J., Hamdan, A.N.A.	2D Hydrodynamic and Eutrophication Modeling in the Shatt Al-Arab River, Basrah, Iraq	eutrophication, hydrodynamic modeling, HEC-RAS, Shatt Al-Arab River, water quality analysis, Water Quality Analysis Simulation Program	11, 1, 1-19	https://doi.org/10.18280/eesrj.110101	Mawat, M.J., Hamdan, A.N.A. (2024). 2D hydrodynamic and eutrophication modeling in the Shatt Al-Arab River, Basrah, Iraq. Environmental and Earth Sciences Research Journal, Vol. 11, No. 1, pp. 1-19. https://doi.org/10.18280/eesrj.110101
9	Yetkin, M.E., Özfirat, M.K., Yenice, H., Onargan, T.	Finite Element Analysis of Stress Distribution in Underground Galleries with Varying Dimensions	finite element method, stress distribution, underground galleries, mining	11, 1, 20-28	https://doi.org/10.18280/eesrj.110102	Yetkin, M.E., Özfirat, M.K., Yenice, H., Onargan, T. (2024). Finite element analysis of stress distribution in underground galleries with varying dimensions. Environmental and Earth Sciences Research Journal, Vol. 11, No. 1, pp. 20-28. https://doi.org/10.18280/eesrj.110102
10	Salman, M.A., Ahmed, F., Laboni, M., Rakib, M.H., Haque, M.E.	An Empirical Study on Disaster Vulnerability and Resilience in Char Hizla, Bangladesh	assessment, capability, Char Hizla, geohazards, vulnerability	10, 4, 118-131	https://doi.org/10.18280/eesrj.100401	Salman, M.A., Ahmed, F., Laboni, M., Rakib, M.H., Haque, M.E. (2023). An empirical study on disaster vulnerability and resilience in Char Hizla, Bangladesh. Environmental and Earth Sciences Research Journal, Vol. 10, No. 4, pp. 118-131. https://doi.org/10.18280/eesrj.100401
11	Sharma, A., Bagri, D.S.	Integrative Assessment of Geomorphic Indices and Land Cover Dynamics for Sustainable Development: A Case Study of the Asan Watershed, Doon Valley, Uttarakhand, India	geomorphic indices, terrain attributes, DEM, LULC, watershed	10, 4, 132-150	https://doi.org/10.18280/eesrj.100402	Sharma, A., Bagri, D.S. (2023). Integrative assessment of geomorphic indices and land cover dynamics for sustainable development: A case study of the Asan watershed, Doon Valley, Uttarakhand, India. Environmental and Earth Sciences Research Journal, Vol. 10, No. 4, pp. 132-150. https://doi.org/10.18280/eesrj.100402
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13	Kalindiro, R.K., Odhipio, D.A.	Ichthyological Inventory of the Kamikingi River: Identification and Classification of Predominant Species	Ichthyology, fish, Kamikingi	10, 3, 93-99	https://doi.org/10.18280/eesrj.100302	Kalindiro, R.K., Odhipio, D.A. (2023). Ichthyological inventory of the Kamikingi River: Identification and classification of predominant species. Environmental and Earth Sciences Research Journal, Vol. 10, No. 3, pp. 93-99. https://doi.org/10.18280/eesrj.100302
14	Shahriar, S.M.S., Munshi, M., Zakir, H.M., Islam, M.J., Mollah, M.M.A., Salam, S.M.A.	Assessment of Heavy Metal Pollution in Irrigation Water of Rajshahi City, Bangladesh	cadmium, chromium, heavy metals, irrigation water, lead, manganese, pollution assessment	10, 3, 100-110	https://doi.org/10.18280/eesrj.100303	Shahriar, S.M.S., Munshi, M., Zakir, H.M., Islam, M.J., Mollah, M.M.A., Salam, S.M.A. (2023). Assessment of heavy metal pollution in irrigation water of Rajshahi City, Bangladesh. Environmental and Earth Sciences Research Journal, Vol. 10, No. 3, pp. 100-110. https://doi.org/10.18280/eesrj.100303
15	Khazaal, M.M., Mohammed Shafiqu, Q.S.	Enhancement of Gypseous Soil Engineering Properties Through High-Density Polyethylene Polymer Addition: A Comprehensive Experimental Assessment	HDPE polymer, gypseous soil, engineering characteristics, collapse potential, CBR, Tikrit region	10, 3, 111-117	https://doi.org/10.18280/eesrj.100304	Khazaal, M.M., Mohammed Shafiqu, Q.S. (2023). Enhancement of gypseous soil engineering properties through high-density polyethylene polymer addition: A comprehensive experimental assessment. Environmental and Earth Sciences Research Journal, Vol. 10, No. 3, pp. 111-117. https://doi.org/10.18280/eesrj.100304
16	Hou, J.D., Zhu, K.E.	An Intelligent Control Method for Thermal Inlet of Buildings Based on Thermal Balance of Entire Heat Network	thermal balance of heat network, heat supply of buildings, thermal inlet, intelligent control	10, 2, 33-40	https://doi.org/10.18280/eesrj.100201	Hou, J.D., Zhu, K.E. (2023). An intelligent control method for thermal inlet of buildings based on thermal balance of entire heat network. Environmental and Earth Sciences Research Journal, Vol. 10, No. 2, pp. 33-40. https://doi.org/10.18280/eesrj.100201
17	Odhipio, D.A., Tamelegu, J.Z., Mulekya, M.K., Kasekete, D.K., Kawa, G.N., Wazi, R.N.	Geochemical Assessment of Mineral Occurrences in the Karibumba Region in the Territory of Beni, Democratic Republic of the Congo	Karibumba, geochemical analysis, copper, tin, gold	10, 2, 41-51	https://doi.org/10.18280/eesrj.100202	Odhipio, D.A., Tamelegu, J.Z., Mulekya, M.K., Kasekete, D.K., Kawa, G.N., Wazi, R.N. (2023). Geochemical assessment of mineral occurrences in the Karibumba region in the territory of Beni, Democratic Republic of the Congo. Environmental and Earth Sciences Research Journal, Vol. 10, No. 2, pp. 41-51. https://doi.org/10.18280/eesrj.100202
18	Xu, L., Huo, J.Y., Hu, D.H.	Application of Seismic Isolation Bearings in Aqueducts	aqueduct, isolation, dynamic response, fluid-solid coupling, seismic period	10, 2, 52-58	https://doi.org/10.18280/eesrj.100203	Xu, L., Huo, J.Y., Hu, D.H. (2023). Application of seismic isolation bearings in aqueducts. Environmental and Earth Sciences Research Journal, Vol. 10, No. 2, pp. 52-58. https://doi.org/10.18280/eesrj.100203

19	Wang, Z.L., Zhang, C.J., Zhang, D.X.	Study on Seismic Response of Aqueduct under Different Types of Seismic Waves	aqueduct, dynamic characteristic analysis, different seismic waves, high damping rubber bearing, seismic response	10, 2, 59-66	https://doi.org/10.18280/eesrj.100204	Wang, Z.L., Zhang, C.J., Zhang, D.X. (2023). Study on seismic response of aqueduct under different types of seismic waves. Environmental and Earth Sciences Research Journal, Vol. 10, No. 2, pp. 59-66. https://doi.org/10.18280/eesrj.100204
20	Qaid, A.M., Abduljabbar, A., Mohammed, B.A., Sallam, J.S.	Evaluating the Potential of Al-Selw Marble Waste as Coarse Aggregate in Concrete: A Case Study from Taiz, Yemen	Al-Selw marble waste, saws, coarse aggregate, XRD, XRF, Los Angeles test, physical properties	10, 2, 67-72	https://doi.org/10.18280/eesrj.100205	Qaid, A.M., Abduljabbar, A., Mohammed, B.A., Sallam, J.S. (2023). Evaluating the potential of Al-Selw marble waste as coarse aggregate in concrete: A case study from Taiz, Yemen. Environmental and Earth Sciences Research Journal, Vol. 10, No. 2, pp. 67-72. https://doi.org/10.18280/eesrj.100205
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22	Morales, P.V., Gómez, D.E., Vega, A.P., Nieto, F.M.	Modeling and Simulation in CFD of Mercury Contamination in the City of Guanajuato, Mexico	mercury, pollution, soil, health, CFD, simulation and modeling	10, 1, 1-6	https://doi.org/10.18280/eesrj.100101	Morales, P.V., Gómez, D.E., Vega, A.P., Nieto, F.M. (2023). Modeling and simulation in CFD of mercury contamination in the city of Guanajuato, Mexico. Environmental and Earth Sciences Research Journal, Vol. 10, No. 1, pp. 1-6. https://doi.org/10.18280/eesrj.100101
23	Ogundele, O.D., Adewumi, A.J., Oyegoke, D.A.	Phycoremediation: Algae as an Effective Agent for Sustainable Remediation and Waste Water Treatment	phycoremediation, algae, sustainable remediation, pollution cleanup, waste water treatment, heavy metals	10, 1, 7-17	https://doi.org/10.18280/eesrj.100102	Ogundele, O.D., Adewumi, A.J., Oyegoke, D.A. (2023). Phycoremediation: Algae as an effective agent for sustainable remediation and waste water treatment. Environmental and Earth Sciences Research Journal, Vol. 10, No. 1, pp. 7-17. https://doi.org/10.18280/eesrj.100102
24	Ayantola, S.O., Amigun, J.O.	Groundwater Exploration in a Heterogeneous Basement Complex Environment Using Integrated Geophysical Methods	electromagnetic method, fracture, geologic contact, vertical electrical sounding, low frequency, aquifer, water	10, 1, 18-25	https://doi.org/10.18280/eesrj.100103	Ayantola, S.O., Amigun, J.O. (2023). Groundwater exploration in a heterogeneous basement complex environment using integrated geophysical methods. Environmental and Earth Sciences Research Journal, Vol. 10, No. 1, pp. 18-25. https://doi.org/10.18280/eesrj.100103
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26	Kumar, L.K., Yadav, V., Roy, J., Yadav, R.R.	Numerical Solution for Advection-Dispersion Equation with Uniform and Varying Boundary Conditions	advection, dispersion, uniform and varying input, first-order decay, zero-order production, PDEPE	9, 4, 133-138	https://doi.org/10.18280/eesrj.090401	Kumar, L.K., Yadav, V., Roy, J., Yadav, R.R. (2022). Numerical solution for advection-dispersion equation with uniform and varying boundary conditions. Environmental and Earth Sciences Research Journal, Vol. 9, No. 4, pp. 133-138. https://doi.org/10.18280/eesrj.090401
27	unte, B., Nkimih, C.L., Josiane, K.T., Brice, E	Assessment of Ground Water Vulnerability to Pollution in the City of Bafoussam, Western Region-Cameroon	vulnerability, pollution, SINTACS method, groundwater, mapping	9, 4, 139-145	https://doi.org/10.18280/eesrj.090402	Didier, B.N.G., Nam-Yona-Gunte, B., Nkimih, C.L., Josiane, K.T., Brice, E., Sylvie, O.N.R., Hervé, A.N. (2022). Assessment of ground water vulnerability to pollution in the city of Bafoussam, western region-Cameroon. Environmental and Earth Sciences Research Journal, Vol. 9, No. 4, pp. 139-145. https://doi.org/10.18280/eesrj.090402
28	Mahadikar, A., Anand, K., Reddy, C.S.	Impact of Covid-19 Pandemic on Water Pollution in Indian Rivers-A Case Study	BOD, COVID-19, DO, FCC, pH	9, 4, 146-150	https://doi.org/10.18280/eesrj.090403	Mahadikar, A., Anand, K., Reddy, C.S. (2022). Impact of Covid-19 pandemic on water pollution in Indian rivers-A case study. Environmental and Earth Sciences Research Journal, Vol. 9, No. 4, pp. 146-150. https://doi.org/10.18280/eesrj.090403
29	Olatunji, O.A., Oluwajana, O.A.	Palynofacies Analyses of HA-001 well, Offshore Depobelt, Niger Delta Basin, Nigeria	biozones, formation, lithologic, paleodepositional, palynostratigraphic	9, 4, 151-158	https://doi.org/10.18280/eesrj.090404	Olatunji, O.A., Oluwajana, O.A. (2022). Palynofacies analyses of HA-001 well, offshore depobelt, Niger Delta Basin, Nigeria. Environmental and Earth Sciences Research Journal, Vol. 9, No. 4, pp. 151-158. https://doi.org/10.18280/eesrj.090404
30	Al-Alossy, S.M., Mustafa, A., Al-Somaydaii, J	Assessment of Some Water Quality Parameters in the Storm Sewer Network at Ramadi City, Iraq	WQI, sewer, water quality, multiple linear regression, SO4, TSS	9, 4, 159-166	https://doi.org/10.18280/eesrj.090405	Al-Alossy, S.M., Mustafa, A., Al-Somaydaii, J. (2022). Assessment of some water quality parameters in the storm sewer network at Ramadi city, Iraq. Environmental and Earth Sciences Research Journal, Vol. 9, No. 4, pp. 159-166. https://doi.org/10.18280/eesrj.090405
31	Li, J.	Research on No-bracket Construction of Building Structure Reinforcement	no-bracket construction, planting-bar technology, pull-out test, finite element simulation	9, 4, 167-173	https://doi.org/10.18280/eesrj.090406	Li, J. (2022). Research on no-bracket construction of building structure reinforcement. Environmental and Earth Sciences Research Journal, Vol. 9, No. 4, pp. 167-173. https://doi.org/10.18280/eesrj.090406
32	Shukla, A.K., Koul, K., Babu, B.	Study of Modern Air Purification and Sterilization Techniques	clean air, HEPA, air filtration, air sterilization, car purifier, COVID-19	9, 3, 79-89	https://doi.org/10.18280/eesrj.090301	Shukla, A.K., Koul, K., Babu, B. (2022). Study of modern air purification and sterilization techniques. Environmental and Earth Sciences Research Journal, Vol. 9, No. 3, pp. 79-89. https://doi.org/10.18280/eesrj.090301
33	Oyediran, I.A., Mikail, O.Y.	Geotechnical Characterization and Stabilization of Gully Erosion Soils at Auchi, Anambra Basin Southeastern Nigeria	termite reworked soil, optimum-blending ratio, binder, stabilization, cohesion	9, 3, 90-97	https://doi.org/10.18280/eesrj.090302	Oyediran, I.A., Mikail, O.Y. (2022). Geotechnical characterization and stabilization of gully erosion soils at Auchi, Anambra Basin Southeastern Nigeria. Environmental and Earth Sciences Research Journal, Vol. 9, No. 3, pp. 90-97. https://doi.org/10.18280/eesrj.090302
34	Sun, Y.D., Ru, S.R.	Application of Non-Destructive Testing in Reservoir Dam Safety Monitoring	non-destructive testing (NDT), geological radar (geo-radar), ultrasonic detection, quality inspection	9, 3, 98-103	https://doi.org/10.18280/eesrj.090303	Sun, Y.D., Ru, S.R. (2022). Application of non-destructive testing in reservoir dam safety monitoring. Environmental and Earth Sciences Research Journal, Vol. 9, No. 3, pp. 98-103. https://doi.org/10.18280/eesrj.090303
35	re, A.B., Lucien, M.M., Gloire, G.B., Robert,	Petrographic and Kinematic Analysis of the Itombwe Synclinorium Formations Exposed at Tshondo and Bugoy (South-Kivu region, Democratic Republic of the Congo)	Pan-African orogeny, metasedimentary rocks, mineral paragenesis, deformation phases, paleostress, DRC	9, 3, 104-113	https://doi.org/10.18280/eesrj.090304	Gloire, A.B., Lucien, M.M., Gloire, G.B., Robert, N.W. (2022). Petrographic and kinematic analysis of the Itombwe synclinorium formations exposed at Tshondo and Bugoy (South-Kivu Region, Democratic Republic of the Congo). Environmental and Earth Sciences Research Journal, Vol. 9, No. 3, pp. 104-113. https://doi.org/10.18280/eesrj.090304
36	Rabiu, A.G., Falodun, O.I., Adegboyega, D.A	Effect of Seasonal Changes on Groundwater Quality in Sub-Urban Ibadan, Southwest Nigeria	groundwater, physicochemical parameters, heavy metals, geographic positioning system, inverse distance weighting, water quality index	9, 3, 114-121	https://doi.org/10.18280/eesrj.090305	Rabiu, A.G., Falodun, O.I., Adegboyega, D.A. (2022). Effect of seasonal changes on groundwater quality in sub-urban Ibadan, Southwest Nigeria. Environmental and Earth Sciences Research Journal, Vol. 9, No. 3, pp. 114-121. https://doi.org/10.18280/eesrj.090305

37	Jiang, H.D.	Environmental Impact Assessment of Expressway Construction from Weining to Weizhang (Guizhou and Yunnan Boundary), Guizhou Province	highway, environmental evaluation factor, compensation method, scoring method, environmental economy	9, 3, 122-131	https://doi.org/10.18280/eesrj.090306	Jiang, H.D. (2022). Environmental impact assessment of expressway construction from Weining to Weizhang (Guizhou and Yunnan Boundary), Guizhou province. Environmental and Earth Sciences Research Journal, Vol. 9, No. 3, pp. 122-131. https://doi.org/10.18280/eesrj.090306
38	Adebowale, A.A., Anthony, B.T.	Rare Earth and Trace Elements Composition of a Residual Clay from Sosan Akoko, Southwestern Nigeria: Implications for Weathering and Provenance	acidic rocks, chemical indices, clay body, mineralogy, ternary diagrams, source area	9, 2, 21-28	https://doi.org/10.18280/eesrj.090201	Adebowale, A.A., Anthony, B.T. (2022). Rare earth and trace elements composition of a residual clay from Sosan Akoko, southwestern Nigeria: Implications for weathering and provenance. Environmental and Earth Sciences Research Journal, Vol. 9, No. 2, pp. 21-28. https://doi.org/10.18280/eesrj.090201
39	Adoua, N.K., Ali, A.H., Victor, K.J., Lucas, K., Stéphanie, D.C., Imérina, T.K., Guimolaire, N.D., Maurice, K.	Characterization of Crystalline Aquifers in Ouaddaï Division (East of Chad) Using Electrical Resistivity Method: A Case Study of Waguiré and Anourchi	fractured aquifers, electrical trailing, VES curves, geohydraulic parameters, borehole yield, groundwater potential, Chad	9, 2, 29-36	https://doi.org/10.18280/eesrj.090202	Adoua, N.K., Ali, A.H., Victor, K.J., Lucas, K., Stéphanie, D.C., Imérina, T.K., Guimolaire, N.D., Maurice, K. (2022). Characterization of crystalline aquifers in Ouaddaï division (east of Chad) using electrical resistivity method: A case study of Waguiré and Anourchi. Environmental and Earth Sciences Research Journal, Vol. 9, No. 2, pp. 29-36. https://doi.org/10.18280/eesrj.090202
40	Lei, P., Yu, Q.Y., Du, B.Y., Xiong, Z.W., Jia, S.B.	A Freeze-Thaw Fatigue Damage Model for Granite Tunnels	tunnel, granite, freeze-thaw cycles, dynamic modulus of elasticity, fatigue damage	9, 2, 37-43	https://doi.org/10.18280/eesrj.090203	Lei, P., Yu, Q.Y., Du, B.Y., Xiong, Z.W., Jia, S.B. (2022). A freeze-thaw fatigue damage model for granite tunnels. Environmental and Earth Sciences Research Journal, Vol. 9, No. 2, pp. 37-43. https://doi.org/10.18280/eesrj.090203
41	Liu, W.Y., Liu, B.X., Qiu, Z., Zheng, C.F., Luo, H.S., Lin, Z.	Road Performance of an Overlay Material Improved by Rubber Powder Dry-Processing Method in Cold Regions	road engineering, dry process, Rubber Powder (RP), thin-layer overlay material, gradation, low temperature performance	9, 2, 44-48	https://doi.org/10.18280/eesrj.090204	Liu, W.Y., Liu, B.X., Qiu, Z., Zheng, C.F., Luo, H.S., Lin, Z. (2022). Road performance of an overlay material improved by rubber powder dry-processing method in cold regions. Environmental and Earth Sciences Research Journal, Vol. 9, No. 2, pp. 44-48. https://doi.org/10.18280/eesrj.090204
42	Lyamine, B., Loucif, A.B., Noureddine, L.	Influence of Limestone Fillers on Rheological and Mechanical Performance of Concrete	limestone fillers, concrete behavior, testing, resistance, recovery, performance and durability	9, 2, 49-56	https://doi.org/10.18280/eesrj.090205	Lyamine, B., Loucif, A.B., Noureddine, L. (2022). Influence of limestone fillers on rheological and mechanical performance of concrete. Environmental and Earth Sciences Research Journal, Vol. 9, No. 2, pp. 49-56. https://doi.org/10.18280/eesrj.090205
43	Gao, F., Qiao, Y.	The Law of Endogenous Pollution Release from Reservoirs in Arid Regions	Yazidang Reservoir, endogenous pollution, orthogonal experiment, nitrogen and phosphorus; release intensity	9, 2, 57-62	https://doi.org/10.18280/eesrj.090206	Gao, F., Qiao, Y. (2022). The law of endogenous pollution release from reservoirs in arid regions. Environmental and Earth Sciences Research Journal, Vol. 9, No. 2, pp. 57-62. https://doi.org/10.18280/eesrj.090206
44	Rahman, M.M., Hasan, M.A., Ahmed, K.M.	Arsenic and Salinity Affected Groundwater in South-Western Bangladesh: An Assessment of Managed Aquifer Recharge and Sub-Surface Arsenic Removal as Mitigation Techniques	arsenic, salinity, groundwater, managed aquifer recharge, sub-surface arsenic removal	9, 2, 63-73	https://doi.org/10.18280/eesrj.090207	Rahman, M.M., Hasan, M.A., Ahmed, K.M. (2022). Arsenic and salinity affected groundwater in south-western Bangladesh: An assessment of managed aquifer recharge and sub-surface arsenic removal as mitigation techniques. Environmental and Earth Sciences Research Journal, Vol. 9, No. 2, pp. 63-73. https://doi.org/10.18280/eesrj.090207
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51	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
52	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
53	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
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56	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
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58	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
59	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
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62	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
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79	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
80	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
81	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
82	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
83	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
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85	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
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88	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
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90	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

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97	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
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99	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
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128	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
129	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
130	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
131	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
132	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
133	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
134	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
135	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
136	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
137	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
138	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
139	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
140	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
141	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
142	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
143	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
144	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