Table of Contents - IJRIAS Vol. 11 Issue 13

SN	Title	Authors Name	Page No.
1	Performance Assessment of Sustainable Self-Compacting Concrete Incorporating GBFS, CPA, and CSA as Cement Replacement Materials	Adeniji A.A., Ayegbusi O.A.	1-7
2	Accentuated Adsorption of Cu2+ and Pb2+ from Aqueous Solution Using Activated Macadamia Nutshell	Mokete Phele, Fanyana Mtunzi, Ikechukwu Ejidike, Futhuli Mothamaha	8-16
3	Geospatial Analysis of Crime Hotspots and Optimal Security Agency Allocation in Bauchi Metropolis, Nigeria	Victor Fredrick, Adanu Christian Oyigocho	17-36
4	Computer Science Professionals' Perspectives on Technology's Role in Climate Action	Baale, A. A, Abdulsalami, B. A, Adeyeye, A. M, Jenyo, A. A, Adeyemo I. A	37-52
5	Application of Electrical Resistivity Method for Aquifer Characterization in the Crystalline Basement Complex of Kaduna North Lga, Kaduna State, Nigeria	Ingoroko T.S, Adie D.B, Sani B.S	53-65
6	Occurrence of Microplastics in Hijo River Sediments, Davao Region, Philippines	Guillen, Jesamie S., Branzuela, Nympha E., Famor, Christopher V., Nadela, Hyde D., Bayron, Roland R.	66-72
7	Overview of the Role of Microalgae in Wastewater Management: Challenges and Opportunities.	Ukogo, Ifeoma, Ifeanyi, V. O, Ekwenye, U. N	73-83
8	Magnetic Fields from Superfast Rotating Astronomical Bodies	Saoussan Kallel-Jallouli	84-106
9	Increase Life Safety of Agri-Stakeholders Through IoT-Based Air Pollution Alarming System: Bangladesh Prospect	M.M. Musharaf Hussain, Md. Abdul Momin, Md. Ezharul Islam	107-116
10	A Comparative Epidemiological Study on the Incidence of Dengue and Chikungunya IgM Antibodies in Ile-Ife and its Environs	Oyinloye Aduragbemi Ayobami, Ogunjemisin Timilehin Precious, Adesina Olufisayo Adeyemi	117-122
11	Various Materials that can Be Harnessed from Different Package Parcels to Be Used as Support Additives	Fiona Rose A. Balala, Raiza Charine H. Galang, John Mareign B. Punzalan, Leanna Rose S. Santos, Lech Walesa M. Navarra	123-131
12	Rebuilding Under Scarcity: Economic Strategies for Post-Conflict Reconstruction in Lebanon	Dr. Mohamad H. Jichi	132-158
13	Unplanned Land Use in Lebanon: Challenges and Strategies for Sustainable Territorial Planning	Dr. Mohamad H. Jichi	159-181

Table of Contents - IJRIAS Vol. 11 Issue 13

SN	Title	Authors	Page
14	Assessing the Impact of Safety Regulations for Marine Fleets in the Niger Delta, Nigeria	Iyama, W.A, Abere, T.E, Akiagba, O.N, Itekere, S, John, E.S, Daminabo, C.B, Ordu, G.I	182-190
15	Between Planning and Informality: The Emergence of Hybrid Urbanism in Lebanese Cities	Dr. Mohamad H. Jichi, Dr. Atef A. Mechaimech	191-209
16	Beyond Climate Change: Empirical Evidence that Lagdo Dam Operations and not Rainfall Variability Drive Catastrophic Flooding in Nigeria's Niger Delta	Itoghor, Monday Ogheneruona, Onosemuode, Christopher	210-226
17	The Impact of the Absence of Organized Rest and Service Areas (RSA) on Highway Safety and Mobility in Nigeria: A Review	Abdulganiyu Olukayode Tijjani, Sitti Asmah Hassan, Samson Adelusi Oludele, Alhassan Suleiman, Aliyu Ahmad, Ismaila Hadi Sadis	227-241
18	Climate Finance and Industrial Development: Empirical Evidence from Sub-Saharan Africa's Manufacturing Sector	Shamwil Abdul-Karim	242-263
19	Descriptive Analysis of the Physicochemical, Microbial, and Functional Properties of Peel N' Crunch from Banana (Musa Acuminata X Balbisiana) Peels	Samantha I. Gumban, Jeffrey C. Serencio, Maedel Joy V. Escote	264-270
20	An Assessment of the Impact of Training, (A Case Study of Nigerian Navy Simulation Centre, Kaduna	Dr. Otakpor Ezinwa Peters, Professor Bature	271-276
21	Root Architecture and Mechanical Strength of Root-Soil Composites for Slope Protection: A Review	Jeevana Sasindu Wickramaarachchige, Daim Safeer Mughal	277-303
22	Effectiveness of Environmental Impact Assessment as a Tool for Sustainable Development.	Abaekih, Charles Emeka, Abaekih, Ifeyinwa Stella	304-314
23	Application of Enhanced Hierachical Algorithm for Base Station Energy Management in LTE Access Network of 4G Broadband System	Chukwwuenweniwe, M.N., Mbachu, C.B., Muoghalu C. N.	315-335
24	Climate Change Vulnerability and Resilience of Electricity Transmission Infrastructure: The Role of Socio-Economic Factors in Kajiado County, Kenya	Clifford Siocha, Paul Thomas Obade, Felix Ming?ate	336-352

Table of Contents - IJRIAS Vol. 11 Issue 13

SN	Title	Authors	Page
25	The Mediating Effect of Environmental Consciousness between Attitudes towards Urban Green Space and Sustainable Development	Rayconniff A. Castillo, Charlyn T. Gorgonio	353-372
26	Assessment of Barriers to Effective E-Waste Management in Hotels in Naivasha Sub-County, Kenya	Kopejo Joseph Makibia, Danice Awinda, Edwin O. Akumu	373-391
27	Towards Resilient and Carbon-Neutral Philippine Cities: A Systematic Literature Review of Blue-Green Plumbing Infrastructure and Registered Master Plumbers' Role in Climate Resilience and Urban Sustainability	Jonathan de Jesus Cabardo, EnP, RMP, PE	392-416
28	Integrated Structural and Foundation Performance Assessment of an SST-3L-52M-LIGHT Telecommunication Tower	Dyna Prasetya Riani, Aep Saepuloh, Ade Suhendar S, Nurina Yasin	417-433
29	Strengthening Food Security in Malaysia through Effective Land Use and Land Management Decisions	Nor Syamaliah Ngah, Azlina Mohd Hussain, Nor Suraya Aini Ngah	434-450
30	Artificial Intelligence for Environmental Sustainability: Air Quality Prediction, E-Waste Management and Smart Resource Optimization	Dr. T. Gnanavel, Dr. E. Padma	451-459
31	Assessment of Mangrove Sites in Four Selected Areas within the Municipality of Calabanga, Camarines Sur	Jaybee B. Belgado, Jannel Cañotal, Joe Mart B. Emerenciana, Joana Rose Mitra	460-470
32	Drivers of Urban Sprawl Along River Rupingazi Ecosystem, Embu County, Kenya	James Muthomi Riungu, Moses Kathuri Njeru	471-485
33	Knowledge and Practices of Liquid Waste (Domestic Wastewater) Management among Hostel Residents in a Nigerian Health Training Institution: A Cross-Sectional Study	Edward Onun Okoi, Christiana Eba Unoh, Fredrick Elemi Mboto, Abang Esame Ewor	486-492
34	From Resistance to Mediation: Translating Mangrove Ecosystem Principles into Site-Specific Coastal Architecture in Batang Salak, Sarawak	Joanne Ho Chui Ying, Dr. Azmah binti Arzmi, Ar. Awang Hasim bin Awang Sulong, Ar. Idr. Mervyn Wong Hsin Jyi	493-508
35	Aquifer Segmentation as a Tool for Sustainable Drinking Water Supply and Reverse-Osmosis Waste Management in the Dry Zone of Sri Lanka?s North Central Province	Inoka M. S. Peiris, Tom Brikowski	509-525

Table of Contents - IJRIAS Vol. 11 Issue 13

SN	Title	Authors	Page
36	Innovation in Food Processing: Fermentation of Seagrape (Caulerpa Lentillifera)	Pabili,Loudie G.C., Magsino, Princess P., Zantua, Rejina C., Lirag, Hope Marie R., Shirley Espiña	526-531
37	Thermal Properties of Some Local Building Materials in Nigeria: A Case Study of Ibadan	Olufunmilola A. Obakin, Abdul-Qudus A. Adeyemo, Adekunle Y. Adeoje, Adeola S. Ajayi, Joel B. Taiwo, Adekunle Adewole	532-549