

Review of GHG emissions in Pakistan compared to SAA

Renewable and Sustainable Energy Reviews

80, 990-1016

DOI: [10.1016/j.rser.2017.04.022](https://doi.org/10.1016/j.rser.2017.04.022)

Citation Report

#	ARTICLE	IF	CITATIONS
1	A thermosyphon solar water heating system for sub zero temperature areas. Cold Regions Science and Technology, 2017, 143, 81-92.	1.6	34
2	Does agricultural ecosystem cause environmental pollution in Pakistan? Promise and menace. Environmental Science and Pollution Research, 2018, 25, 13938-13955.	2.7	81
3	Natural and synthetic refrigerants, global warming: A review. Renewable and Sustainable Energy Reviews, 2018, 90, 557-569.	8.2	262
4	Markov Chain model for solar farm generation and its application to generation performance evaluation. Journal of Cleaner Production, 2018, 186, 905-917.	4.6	38
5	Adapting to Engineering Education Vision 2020. Proceedings (mdpi), 2018, 2, .	0.2	5
6	Net Zero Energy Buildings (NZEB): A Case Study of Net Zero Energy Home in Pakistan. , 2018, , .		17
7	Technological and economic evaluation of conversion of potential flare gas to electricity in Nigeria. Procedia Manufacturing, 2018, 17, 444-451.	1.9	13
8	Climate Change-Induced Conflicts in Pakistan: From National to Individual Level. Earth Systems and Environment, 2018, 2, 573-599.	3.0	7
9	Thermal performance analysis of net zero energy home for sub zero temperature areas. Case Studies in Thermal Engineering, 2018, 12, 789-796.	2.8	39
10	The role of renewable and non-renewable energy consumption in CO ₂ emissions: a disaggregate analysis of Pakistan. Environmental Science and Pollution Research, 2018, 25, 31616-31629.	2.7	115
11	Shale gas: A solution for energy crisis and lower CO ₂ emission in Pakistan. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 1647-1656.	1.2	13
12	Regional and sectoral assessment on climate-change in Pakistan: Social norms and indigenous perceptions on climate-change adaptation and mitigation in relation to global context. Journal of Cleaner Production, 2018, 200, 791-808.	4.6	79
13	Dynamic simulation of solar water heating system using supercritical CO ₂ as mediating fluid under sub-zero temperature conditions. Applied Thermal Engineering, 2019, 161, 114152.	3.0	16
14	Indus Water Treaty in the Doldrums Due to Waterâ€™Power Nexus. European Journal for Security Research, 2019, 4, 201-242.	2.0	11
15	Enhanced photocatalytic performance of CdO-WO ₃ composite for hydrogen production. International Journal of Hydrogen Energy, 2019, 44, 24690-24697.	3.8	67
16	Evaluation of Carbon Emission Reduction via GCIP Projects: Creating a Better Future for Pakistan. Earth Systems and Environment, 2019, 3, 19-28.	3.0	5
17	Greenhouse gas emission estimation of flaring in a gas processing plant: Technique development. Chemical Engineering Research and Design, 2019, 123, 289-298.	2.7	18
18	A comprehensive review of sectorial contribution towards greenhouse gas emissions and progress in carbon capture and storage in Pakistan. , 2019, 9, 617-636.		28

#	ARTICLE	IF	CITATIONS
19	Modeling of Future Electricity Generation and Emissions Assessment for Pakistan. Processes, 2019, 7, 212.	1.3	31
20	Cooperative control of regional transboundary air pollutants. Environmental Systems Research, 2019, 8, .	1.5	35
21	Review of energy storage and transportation of energy. Energy Storage, 2019, 1, e49.	2.3	141
22	Water, energy and food nexus of Indus Water Treaty: Water governance. Water-Energy Nexus, 2019, 2, 10-24.	1.7	61
23	GREENHOUSE GAS EMISSIONS AND ENERGY TRANSITION IN PAKISTAN. International Journal of Big Data Mining for Global Warming, 2019, 01, 1950006.	0.5	3
24	A comprehensive city-level GHGs inventory accounting quantitative estimation with an empirical case of Baoding. Science of the Total Environment, 2019, 651, 601-613.	3.9	27
25	Energy transition from molecules to atoms and photons. Engineering Science and Technology, an International Journal, 2019, 22, 185-214.	2.0	23
26	Addressing the sustainable development through sustainable procurement: What factors resist the implementation of sustainable procurement in Pakistan?. Socio-Economic Planning Sciences, 2019, 68, 100671.	2.5	51
27	Understanding the divergences between farmerâ€™s perception and meteorological records regarding climate change: a review. Environment, Development and Sustainability, 2020, 22, 1-16.	2.7	44
28	Analysis of coal-related energy consumption in Pakistan: an alternative energy resource to fuel economic development. Environment, Development and Sustainability, 2020, 22, 6149-6170.	2.7	28
29	Forecasting Nitrous Oxide emissions based on grey system models. Environmental Geochemistry and Health, 2020, 42, 915-931.	1.8	23
30	Green supply chain coordination considering government intervention, green investment, and customer green preferences in the petroleum industry. Journal of Cleaner Production, 2020, 246, 118984.	4.6	131
31	Cleaner and Sustainable Energy Production in Pakistan: Lessons Learnt from the Pak-TIMES Model. Energies, 2020, 13, 108.	1.6	25
32	Addressing environmental knowledge and environmental attitude in undergraduate students through scientific argumentation. Journal of Cleaner Production, 2020, 252, 119928.	4.6	34
33	Review of carbon dioxide (CO ₂) based heating and cooling technologies: Past, present, and future outlook. International Journal of Energy Research, 2020, 44, 1408-1463.	2.2	56
34	A comprehensive review of climate change impacts, adaptation, and mitigation on environmental and natural calamities in Pakistan. Environmental Monitoring and Assessment, 2020, 192, 48.	1.3	108
35	Nonrenewable energyâ€™ environmental and health effects on human capital: empirical evidence from Pakistan. Environmental Science and Pollution Research, 2020, 27, 2630-2646.	2.7	25
36	Energy substitution effect on transport sector of Pakistan: A trans-log production function approach. Journal of Cleaner Production, 2020, 251, 119606.	4.6	42

#	ARTICLE	IF	CITATIONS
37	Optimal Selection of Integrated Electricity Generation Systems for the Power Sector with Low Greenhouse Gas (GHG) Emissions. <i>Energies</i> , 2020, 13, 4571.	1.6	7
38	Estimation of the energy consumption of battery driven electric buses by integrating digital elevation and longitudinal dynamic models: Malaysia as a case study. <i>Applied Energy</i> , 2020, 280, 115873.	5.1	25
39	The potential of coupled carbon storage and geothermal extraction in a CO ₂ -enhanced geothermal system: a review. <i>Geothermal Energy</i> , 2020, 8, .	0.9	52
40	Energy Scenario in South Asia: Analytical Assessment and Policy Implications. <i>IEEE Access</i> , 2020, 8, 156190-156207.	2.6	15
41	Power Quality Improvement Using Dynamic Voltage Restorer. <i>IEEE Access</i> , 2020, 8, 164325-164339.	2.6	69
42	Demand side management in hybrid rooftop photovoltaic integrated smart nano grid. <i>Journal of Cleaner Production</i> , 2020, 258, 120747.	4.6	28
43	Strategy on coal consumption and GHGs emission analysis based on the LEAP model: a case study. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-20.	1.2	7
44	The Journey of Pakistan's Banking Industry Towards Green Banking Adoption. <i>South Asian Journal of Business and Management Cases</i> , 2020, 9, 208-218.	0.8	13
45	Investigating biodiesel production strategies as a sustainable energy resource for Pakistan. <i>Journal of Cleaner Production</i> , 2020, 259, 120729.	4.6	28
46	The dynamic relationship between economic growth and life expectancy: Contradictory role of energy consumption and financial development in Pakistan. <i>Structural Change and Economic Dynamics</i> , 2020, 53, 257-266.	2.1	65
47	Revisiting the Dynamics of Tourism, Economic Growth, and Environmental Pollutants in the Emerging Economies Sustainable Tourism Policy Implications. <i>Sustainability</i> , 2020, 12, 2533.	1.6	55
48	Role of energy storage systems in energy transition from fossil fuels to renewables. <i>Energy Storage</i> , 2021, 3, e135.	2.3	288
49	Technical and environmental efficiency of agriculture sector in South Asia: a stochastic frontier analysis approach. <i>Environment, Development and Sustainability</i> , 2021, 23, 9260-9279.	2.7	20
50	Students with severe anxiety during COVID-19 lockdown "exploring the impact and its management. <i>Journal of Mental Health Training, Education and Practice</i> , 2021, 16, 153-163.	0.3	19
51	Chronological change of resource metabolism and decarbonization patterns in Pakistan: Perspectives from a typical developing country. <i>Journal of Industrial Ecology</i> , 2021, 25, 144-161.	2.8	6
52	Does the prevailing Indian agricultural ecosystem cause carbon dioxide emission? A consent towards risk reduction. <i>Environmental Science and Pollution Research</i> , 2021, 28, 4691-4703.	2.7	20
53	Analysing Energy Efficiency of Rail and Road Transport in Pakistan Through Data Envelopment Analysis. <i>Contemporary South Asian Studies</i> , 2021, , 85-102.	0.4	0
54	Steady-state and time-varying harmonics in distribution system. , 2021, , 485-539.		1

#	ARTICLE	IF	CITATIONS
55	Optimization of Photovoltaic Energy Systems for Residential Customers in Hot Climate Areas Based on Seasonal and Average Daily Load Profile. <i>Energy Technology</i> , 2021, 9, 2100036.	1.8	4
56	Air pollution and hospitalization in megacities: empirical evidence from Pakistan. <i>Environmental Science and Pollution Research</i> , 2021, 28, 51384-51390.	2.7	28
57	The role of income level and institutional quality in the non-renewable energy consumption and life expectancy nexus: evidence from selected oil-producing economies in Africa. <i>OPEC Energy Review</i> , 2021, 45, 341-364.	1.0	16
58	Investigation of possible solid waste power potential for distributed generation development to overcome the power crises of Karachi city. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 143, 110882.	8.2	18
59	Transport energy consumption and carbon emissions: The role of urbanization towards environment in SAARC region. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 1286-1292.	1.6	35
60	Asymmetric effects of premature deagriculturalization on economic growth and CO2 emissions: fresh evidence from Pakistan. <i>Environmental Science and Pollution Research</i> , 2021, 28, 66772-66786.	2.7	25
61	Unveiling the asymmetric impact of energy consumption on environmental mitigation in the manufacturing sector of Pakistan. <i>Environmental Science and Pollution Research</i> , 2021, 28, 64586-64605.	2.7	21
62	Emerging challenges of air pollution and particulate matter in China, India, and Pakistan and mitigating solutions. <i>Journal of Hazardous Materials</i> , 2021, 416, 125851.	6.5	64
63	Do natural gas, oil, and coal consumption ameliorate environmental quality? Empirical evidence from Russia. <i>Environmental Science and Pollution Research</i> , 2022, 29, 4540-4556.	2.7	69
64	Travelers' Adoption Behavior towards Electric Vehicles in Lahore, Pakistan: An Extension of Norm Activation Model (NAM) Theory. <i>Journal of Advanced Transportation</i> , 2021, 2021, 1-14.	0.9	15
65	Gas Valorization in the Republic of Congo: Production of Electricity from National Gas Reserves. <i>Natural Resources</i> , 2021, 12, 164-180.	0.2	0
66	Growing green? Sectoral-based prediction of GHG emission in Pakistan: a novel NDGM and doubling time model approach. <i>Environment, Development and Sustainability</i> , 2021, 23, 12169-12191.	2.7	28
67	The future of smallholder farming in developing countries in the face of climate change: a perspective with a focus on Pakistan. <i>Animal Production Science</i> , 2021, , .	0.6	0
68	Holistic and Scientific Perspectives of Energy Sector in Pakistan: Progression, Challenges and Opportunities. <i>IEEE Access</i> , 2020, 8, 227232-227246.	2.6	10
69	Analysis and Selection Criteria of Lakes and Dams of Pakistan for Floating Photovoltaic Capabilities. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2020, 142, .	1.1	15
70	The role of food crop production, agriculture value added, electricity consumption, forest covered area, and forest production on CO2 emissions: insights from a developing economy. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 747.	1.3	16
71	The Grid Connection of Linear Machine-Based Wave Power Generators. , 2019, , 303-341.		7
72	Using an asymmetrical technique to assess the impacts of CO2 emissions on agricultural fruits in Pakistan. <i>Environmental Science and Pollution Research</i> , 2022, 29, 19378-19389.	2.7	12

#	ARTICLE	IF	CITATIONS
73	Assessment of long-term energy and environmental impacts of the cleaner technologies for brick production. Energy Reports, 2021, 7, 7157-7169.	2.5	13
74	Validation of environmental Philips curve in Pakistan: a fresh insight through ARDL technique. Environmental Science and Pollution Research, 2022, 29, 25060-25077.	2.7	14
75	Emission reduction energy model of Punjab: A case study. Journal of Cleaner Production, 2021, 329, 129755.	4.6	7
76	The role of consumption of energy, fossil sources, nuclear energy, and renewable energy on environmental degradation in top-five carbon producing countries. Renewable Energy, 2022, 184, 871-880.	4.3	133
77	Pathways towards Green Banking adoption: moderating role of top management commitment. International Journal of Ethics and Systems, 2022, 38, 286-315.	0.7	15
78	An integrated future approach for the energy security of Pakistan: Replacement of fossil fuels with syngas for better environment and socio-economic development. Renewable and Sustainable Energy Reviews, 2022, 156, 111978.	8.2	68
79	Coordinated interactions between economy and atmospheric environment: temporalâ€“spatial comparisons from China. Environment, Development and Sustainability, 2022, 24, 13887-13916.	2.7	13
80	Multi-Objective Optimal Power Sharing Model for Futuristic SAARC Super Smart Grids. IEEE Access, 2022, 10, 328-351.	2.6	6
81	Impacts of Paris agreement, fossil fuel consumption, and net energy imports on CO2 emissions: a panel data approach for three West European countries. Clean Technologies and Environmental Policy, 2022, 24, 1521-1534.	2.1	19
82	Abandoned oil and gas wells for geothermal energy: Prospects for Pakistan. , 2022, , 315-340.		1
83	Towards a clean production by exploring the nexus between agricultural ecosystem and environmental degradation using novel dynamic ARDL simulations approach. Environmental Science and Pollution Research, 2022, 29, 53768-53784.	2.7	28
84	Investigating the Role of Ethical Self-Identity and Its Effect on Consumption Values and Intentions to Adopt Green Vehicles among Generation Z. Sustainability, 2022, 14, 3015.	1.6	11
85	Community Wellbeing Under China-Pakistan Economic Corridor: Role of Social, Economic, Cultural, and Educational Factors in Improving Residentsâ€™ Quality of Life. Frontiers in Psychology, 2021, 12, 816592.	1.1	52
86	Transition from fossilized to defossilized energy system in Pakistan. Renewable Energy, 2022, 190, 19-29.	4.3	26
87	KOORDÄ°NELÄ° PÄ°YASA EKONOMÄ°LERÄ°NDE TARIM, ORMAN ALANLARI VE ENERJÄ° TÄ°KETÄ°MÄ°NÄ°N Ä°EVRESEL KALÄ°TE Ä°ZERÄ°NDEKÄ° ETKÄ°SÄ°: AMPÄ°RÄ°K BÄ°R ANALÄ°Z. Mehmet Akif Ersoy Ä°niversitesi Ä°ktisadi Ve Ä°dari Bilimler FakÄ°ltesi Dergisi, 0, , .		0
88	Investigating realistic anode off-gas combustion in SOFC/ICE hybrid systems: mini review and experimental evaluation. International Journal of Engine Research, 2022, 23, 876-892.	1.4	6
89	An overview of the production and prospect of polyhydroxyalkanote (PHA)-based biofuels: Opportunities and limitations. Scientific African, 2022, 16, e01233.	0.7	3
90	Thermal Modelling of Battery Pack of an Electric Vehicle using Computational Fluid Dynamics. , 2021, 1, pp61-68.		0

#	ARTICLE	IF	CITATIONS
91	Novel research methods on the net-zero economy of climate finance in the energy sector. <i>Economic Research-Ekonomika Istrazivanja</i> , 2023, 36, 2389-2399.	2.6	0
92	Understanding Pre-Chamber Combustion Performance in a Closed-Cycle Model of a Novel Rotary Engine. , 0, , .		0
93	Specifying the Domineering Role of Governance in the Long Term Environmental Excellence: A Case Study of Pakistan. <i>SAGE Open</i> , 2022, 12, 215824402211217.	0.8	4
94	Multi-Variable Governance Index Modeling of Government's Policies, Legal and Institutional Strategies, and Management for Climate Compatible and Sustainable Agriculture Development. <i>Sustainability</i> , 2022, 14, 11763.	1.6	1
95	Multi-Disciplinary Characteristics of Double-Skin Facades for Computational Modeling Perspective and Practical Design Considerations. <i>Buildings</i> , 2022, 12, 1576.	1.4	5
96	On the Issues of NOx as Greenhouse Gases: An Ongoing Discussion . <i>Applied Sciences (Switzerland)</i> , 2022, 12, 10429.	1.3	11
97	The paradigms of transport energy consumption and technological innovation as a panacea for sustainable environment: is there any asymmetric association?. <i>Environmental Science and Pollution Research</i> , 2023, 30, 20469-20489.	2.7	12
98	Floods across Pakistan: a wake-up call to the world. <i>Natural Hazards</i> , 0, , .	1.6	0
99	Towards sustainable agriculture in SAARC countries: exploring the long-run impact of GHG emissions on agricultural productivity. <i>International Journal of Environmental Science and Technology</i> , 2023, 20, 10049-10060.	1.8	2
100	Do climate technologies and recycling asymmetrically mitigate consumption-based carbon emissions in the United States? New insights from Quantile ARDL. <i>Technological Forecasting and Social Change</i> , 2023, 186, 122138.	6.2	40
101	Mitigation of air pollution and corresponding impacts during a global energy transition towards 100% renewable energy system by 2050. <i>Energy Reports</i> , 2022, 8, 14124-14143.	2.5	34
102	Hurdles on the Way to Sustainable Development in the Education Sector of China. <i>Sustainability</i> , 2023, 15, 217.	1.6	1
103	Role of pH and Eh in geothermal systems: Thermodynamic examples and impacts on scaling and corrosion. <i>Geothermics</i> , 2023, 111, 102710.	1.5	3
104	Extreme flood in Pakistan: Is Pakistan paying the cost of climate change? A short communication. <i>Science of the Total Environment</i> , 2023, 880, 162973.	3.9	8
105	Pressures and responses to stationary waste gas emissions: evaluation of a moderated chain mediating model using Chinese empirical data. <i>Environment, Development and Sustainability</i> , 2024, 26, 7255-7283.	2.7	0
106	Projected changes in surface air temperature over Pakistan under bias-constrained CMIP6 models. <i>Arabian Journal of Geosciences</i> , 2023, 16, , .	0.6	0
107	Input significance ranking of microalgae continuous culture models. <i>Journal of Chemical Technology and Biotechnology</i> , 0, , .	1.6	0
114	Energy Audit in Buildings for Sustainable Economic Development. <i>Springer Proceedings in Business and Economics</i> , 2023, , 587-612.	0.3	0

#	ARTICLE	IF	CITATIONS
---	---------	----	-----------