

Exploring solar and wind energy resources in North Korea using
satellite data coupled with numerical weather prediction

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#	ARTICLE	IF	CITATIONS
1	Energy Cooperation With North Korea: Conditions Making Renewable Energy Appropriate. <i>Journal of Environment and Development</i> , 2020, 29, 449-468.	1.6	3
2	Evolutionary artificial neural networks for accurate solar radiation prediction. <i>Energy</i> , 2020, 210, 118374.	4.5	58
3	Taxonomy research of artificial intelligence for deterministic solar power forecasting. <i>Energy Conversion and Management</i> , 2020, 214, 112909.	4.4	186
4	Investigating the all-sky surface solar radiation and its influencing factors in the Yangtze River Basin in recent four decades. <i>Atmospheric Environment</i> , 2021, 244, 117888.	1.9	17
5	Light at the End of the Tunnel: The Gaza Strip and the Interplay Between Geopolitical Conflict and Renewable Energy Transition. <i>New Political Economy</i> , 2022, 27, 1-18.	2.7	11
6	Techno-economic analysis of wind energy potential in Kazakhstan. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , 2021, 235, 1563-1576.	0.8	8
7	Fast Numerical Wind Turbine Candidate Site Evaluation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2953.	1.3	1
8	Performance Evaluation of Neural Network-Based Short-Term Solar Irradiation Forecasts. <i>Energies</i> , 2021, 14, 3030.	1.6	6
9	Forecasting energy generation in large photovoltaic plants using radial belief neural network. <i>Sustainable Computing: Informatics and Systems</i> , 2021, 31, 100578.	1.6	20
10	Seasonal characteristics of PM1 in Seoul, Korea, measured using HR-ToF-Aerosol Mass Spectrometer in 2018. <i>Atmospheric Environment</i> , 2021, 266, 118717.	1.9	8
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14	Wind Speed Prediction Model Based on Improved VMD and Sudden Change of Wind Speed. <i>Sustainability</i> , 2022, 14, 8705.	1.6	5
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16	Data visualization and descriptive statistics of solar energy system. , 2023, , 33-75.		0
17	Solar Power Forecasting Using CNN-LSTM Hybrid Model. <i>Energies</i> , 2022, 15, 8233.	1.6	46
18	Spatial integration framework of solar, wind, and hydropower energy potential in Southeast Asia. <i>Scientific Reports</i> , 2023, 13, .	1.6	16

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19	Downscaling Surface Albedo to Higher Spatial Resolutions With an Image Super-Resolution Approach and PROBA-V Satellite Images. IEEE Access, 2023, 11, 5558-5577.	2.6	0
20	The spatial data of renewable solar energy resources over Korean Peninsula using COMS MI and physical model. , 2020, 2, 19-23.		0
22	Optimization Study of Wind Speed Prediction Based on Combined Model of Neural Network Optimization Algorithm. Lecture Notes on Data Engineering and Communications Technologies, 2023, , 9-16.	0.5	0