

# The price of photovoltaic pipeline corridor earthquake-resistant bracket is low

Which ecological corridors have the least cumulative resistance to photovoltaic projects?

Potential ecological corridors that connect every two ecological sources with and without the photovoltaic projects were built based on the LCD values, with ecological corridors being evaluated as having the least cumulative resistance. 3.2.1. Identification of ecological sources

How do PV projects affect ecological corridors?

The PV project site selection procedures are also introduced in the research framework to determine the site under multi-factor decision-making. The results showed that PV projects could have various impacts on ecological corridors on a larger spatial scale, primarily resulting in decreased corridor patency and connection strength.

Why do PV projects reduce the length of corridors?

Contrary to the previous research findings, the length of corridors is universally reduced due to the PV projects for prediction, which can guide the site selection with consideration of the regional ecological system protection.

Does photovoltaic site selection affect the value of ecological corridors?

Table A3 (see Appendix) shows that 61.00% of the potential ecological corridor LCD value increases by no more than 25% after being affected by photovoltaic site selection, and the LCD value growth rate for 32.38% of the corridors is between 25% and 35%.

How do photovoltaic projects affect corridor patency?

Effects on corridor patency The construction of the Photovoltaic projects reduced the corridor patency between the ecological sources, which is reflected in the increases in the LCD value of corridors. All potential ecological corridors have increased the LCD value after being affected by Photovoltaic projects.

How many PV projects have shortened a corridor?

It can be seen that the PV projects have, on average, shortened most of the corridor length by about 1.33 km. Only four of them increased in length, and all of them increased by less than 5%. The remaining 35 corridors were reduced in length by various levels.

@article{osti\_7040891, title = {Earthquake resistant construction of gas and liquid fuel pipeline systems serving, or regulated by, the Federal government. Earthquake hazard reduction ...

Boyue Photovoltaic Technology Co., Ltd is located in Hebei Province, China, the factory covers an area of 18,000 square meters, and 150 workers, 66 kilometers away from Beijing Airport and ...



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