

What factors influence the acceptance of solar PV panels in rural landscapes?

Conversely, renewable energy-related factors, such as economic stakes and moral desirability, were found to contribute to the acceptance of PV panels. This study contributes to the strategic planning and design of solar PV panels in rural landscapes, taking into consideration social acceptance and local contexts.

Can PV panels be used as a rural landscape?

cepting PV panels as a rural landscape, but the study also has some limitations. (1) At power requires further refinement. (2) Only professionals were selected as respondents. study, with no further discussion of scenarios such as PV car parks and PV pavements. (4) ered.

Can solar panels be used in rural areas of China?

In the context of climate change and rural revitalization, numerous solar photovoltaic (PV) panels are being installed on village roofs and lands, impacting the enjoyment of the new rural landscape characterized by PV panels. However, the visual acceptance of PV panels in rural areas of China is not yet fully understood.

Are solar panels a good choice for rural areas?

Overall, the results confirm that nostalgic emotions, moral desirability, and eco- of PV panels in rural areas. When faced with severe challenges such as climate change, challenges and solutions, and consequently have less nostalgia for the past [99,100]. The to positive visual evaluation.

In recent years, Huzhu County has harnessed the plentiful sunlight through the development of distributed photovoltaic energy, with villagers affectionately calling the solar panels ...

This study contributes to the strategic planning and design of ...

The results show that currently the photovoltaic power generation technology is relatively mature and widely applied, and passive photovoltaic technology can play a greater role in reducing ...

Panels put rural homes on energy map Villagers benefit from "whole-county" pilot program's encouragement of distributed solar photovoltaic development. Hou Liqiang, Yuan Hui and ...

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Yuanlong village is one of the villages that has benefited early from the income generated by photovoltaic power stations. Ha was among the first residents to install solar panels on ...

Modern photovoltaic (PV) panels used in rural installations typically have efficiency ratings ranging from 15% to 22%. High-efficiency monocrystalline silicon panels are often preferred for their superior ...

Rooftop solar panels are pictured in Huzhu Tu Autonomous County, northwest China's Qinghai Province, on

Aug. 8, 2025. (Xinhua) Bathed in radiant sunlight, the rooftops of Dongshan ...

Picture this: a farmer in Nebraska checks his photovoltaic panels installed in rural areas while sipping morning coffee, knowing his cornfields now double as a power plant. This isn't sci-fi - it's today's ...

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Viewed from a distance, Lianxing looks more like a solar energy farm than a rural village of 457 households. There are solar photovoltaic panels on almost all its rooftops and in every ...

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