

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 photovoltaics be used in rural areas?

In recent years, photovoltaics (PVs) have been widely promoted and adopted across the world as a renewable energy technology and climate change mitigation strategy. It is essential for PVs to enter rural areas, as the roof and land space for PV installation are much more available in rural areas than in urban areas.

Can solar panels be installed on village roofs and lands?

Author to whom correspondence should be addressed. 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.

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.

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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Our study analyzes the impact of this project on rural household clean energy transition by employing high-quality panel data from 20,709 households under the poverty monitoring system from ...

In March, China's energy authorities highlighted the triple benefits of their initiatives: accelerating power sector reforms, increasing farmers' earnings, and driving rural revitalization. As a ...

The new power generation facilities have also brought villagers a consistent stream of income with little effort. Shi earns almost 10,000 yuan (\$1,400) a year from his solar PV panels and ...

Villagers cultivate red chili plants under solar panels in the Qianxinan Bouyei and Miao autonomous prefecture, Guizhou province, in July. TAO LIANG/XINHUA Rural areas in China are ...

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

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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 ...

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