Poverty alleviation photovoltaic panel consultation

What is photovoltaic poverty alleviation (PVPA)?
Photovoltaic Poverty Alleviation (PVPA) projects,which utilize the subsidies and income from PV power to alleviate poverty in rural areas,are part of a comprehensive energy policy innovation in China. It is expected that the projects will deploy at least 10GW PV and benefit more than two million poor households in total by 2020.

Are photovoltaic poverty alleviation projects a social welfare project?
Energy poverty is a serious problem worldwide and has attracted the attention of policymakers. As a type of social welfare project,photovoltaic poverty alleviation projects (PPAPs) are expected to achieve high-quality poverty alleviation and an energy transformation in China.

Does PV improve poverty alleviation?
The PV poverty alleviation effect is stronger in poorer regions,particularly in Eastern China. Our results are robust to alternative specifications and variable definitions. We propose several policy recommendations to sustain progress in China's efforts to deploy PV for poverty alleviation.

Does photovoltaic poverty alleviation work in China?
Provided by the Springer Nature SharedIt content-sharing initiative To synergize climate mitigation with poverty alleviation, China has implemented photovoltaic poverty alleviation (PVPA) projects since 2014, with Anhui Province being among the initial pilot regions.

Who is working on PV poverty alleviation project?
Work program on implementation of PV poverty alleviation project; 2014. National Development and Reform Commission, State Council of the People's Republic of China, National Energy Administration of the People's Republic of China, China Development Bank, Agricutural Development Bank of China.

Does the PV poverty alleviation pilot policy increase per capita disposable income?
We find that the PV poverty alleviation pilot policy increases per capita disposable income in a county by approximately 7-8%. The policy effect generally grows over time two to three years following policy implementation. The PV poverty alleviation effect is stronger in poorer regions.

PV poverty alleviation effect is stronger in poorer regions, particularly in Eastern China. ... In this study, we construct a panel of 211 SEPAP pilot counties and a group of control counties from ...

Liu et al. [23] explored the role and contribution of China"s Photovoltaic Poverty Alleviation Project (PPAP) in improving the livelihoods of 735 impoverished rural households based on sample data from rural areas. However, a notable drawback is that the micro-level household survey or interview data used in the

aforementioned studies are ...

As the key goals of the United Nations" set of 17 Sustainable Development Goals (SDGs) to be achieved by 2030, eradicating poverty, increasing access to clean energy and mitigating climate warming must go hand-in-hand (Anonymous, 2020; Yang et al., 2023).Under the background of achieving carbon neutrality and eliminating absolute poverty, photovoltaic ...

China"s photovoltaic poverty alleviation projects (PPAPs) aim to help alleviate poverty by using the new energy power generation. In recent years, the PPAPs have flourished with the strong support of the Chinese government, becoming an integral strategy for the support of rural industries. ... Based on 2010-2018 panel data from a tracking ...

Is the photovoltaic poverty alleviation project the best way for the poor to escape poverty?----A DEA and GRA analysis of different projects in rural China. Energy Policy 2020, 137, 111105.

Based on 1251 household surveys collected in photovoltaic (PV) poverty alleviation areas in rural China, this paper explores the effects of PV cognition including ecological values, perceived ...

Exploring the relationship between poverty alleviation and carbon emissions can provide theoretical foundations for inclusive low-carbon development. This study empirically explores the impact of poverty alleviation on carbon emissions and its underlying mechanisms using panel data from Chinese provinces from 2007 to 2020. (1) The benchmark regression ...

Starting in 2014, PVPA is a relatively new concept in China. However, some scholars have already started studying on the combination of renewable energy promotion and poverty alleviation from different perspectives, both in China and abroad [5], [6], [7].Ürge-Vorsatz and Tirado [5] explored the synergy effect between greenhouse gas (GHG) emission ...

This paper discusses one of China"s targeted poverty alleviation programs, namely the Solar Energy for Poverty Alleviation Program (SEPAP). SEPAP is an important and innovative policy that enables poor households to earn additional income by installing solar panels and selling the generated electricity to the grid. However, there are still

Researchers assessed the effect of solar energy projects on poverty in China and determined that PV systems can play a role in reducing multiple dimensions of poverty while also contributing to ...

This study challenges this perspective with an examination of China"s photovoltaic poverty alleviation initiative (PVPA)--a policy that aims to ease poverty through a clean energy transition in rural areas. ... including public consultation conducted at the village level and the disclosure of information regarding the distribution of ...

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China"s development of photovoltaic poverty alleviation is mainly at the county level, the government and enterprises shall be the main body, and the poor families can ... conversion function of solar panels to convert renewable solar energy into electricity, and the generated electricity can be sold to the national grid at the prescribed ...

Photovoltaic-based targeted poverty alleviation (PVPA) has been established for 10 years with the mission of one of "the ten large-scale poverty relief programs" in China. This paper would firstly examine the historical conjuncture of the PVPA, followed by the current status and the analysis of policy instruments.

Photovoltaic poverty alleviation should be carried out in areas with good light resource conditions according to local conditions, which is consistent with the national strategy of precise poverty alleviation and poverty ...

Few people understand the role energy access plays in poverty alleviation better than Robert Freling, the long-time executive director of the Solar Electric Light Fund (SELF), who has spent his career expanding access to electricity across the world.. For Freling, bringing electricity to remote and impoverished communities is more than providing a pathway to modernity -- it"s a ...

To provide new understanding of China"s targeted poverty alleviation strategy, we use a panel dataset of 211 pilot counties that received targeted PV investments from 2013 to 2016, and find that ...

Photovoltaic poverty alleviation plays a remarkable role in the field of poverty alleviation and new energy in China. However, the first batch of photovoltaic poverty alleviation projects is found to have risks in practice, ...

Photovoltaic poverty alleviation (PVPA), proposed by the Chinese government, is an innovative policy combining poverty alleviation with renewable energy, which aims to achieve poverty alleviation and low-carbon development through PV power generation by creating income for poor households and communities (Lo and Broto, 2019).The initial reason for developing ...

PV poverty alleviation, covring the development and utilization of new energy and infrastructure construction in poverty-stricken areas, can not only promote the transformation of resource advantages into economic development advantages as soon as possible, but also create necessary production and living energy conditions for people in poverty- ...

To motivate enterprises to actively participate in the alleviation of poverty, three strategies are available: (1) the granting of quotas to photovoltaic enterprises for commercial ...

To understand the drivers of SEPAP -- why it was launched when it was -- it is worth understanding three major contexts: the persistence of rural poverty in China, in the context of a political push for poverty

alleviation; the overcapacity and curtailment in China"s solar energy industry, and consequent need to encourage distributed solar PV installation; and the current ...

Solar energy holds significant potential for alleviating poverty, tackling climate change and providing affordable clean energy, contributing to multiple United Nations Sustainable Development Goals. However, limited research has systematically reviewed the progress in the field of solar photovoltaics and poverty (PV-PO). To address this gap, this paper aims to ...

We find that the PV poverty alleviation pilot policy increases per capita disposable income in a county by approximately 7-8%. The policy effect generally grows over time two to three years ...

Photovoltaic Poverty Alleviation (PVPA) projects, which utilize the subsidies and income from PV power to alleviate poverty in rural areas, are part of a comprehensive energy policy innovation in ...

The photovoltaic poverty alleviation program is an innovation of sustainable development strategy by the Chinese government, which aims to promote the development of renewable energy while ...

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