

Government Poverty Alleviation Solar Integrated Blocks



Overview

Since 2014, China's photovoltaic poverty alleviation projects (PPAPs) have developed rapidly with the strong support of the Chinese government. Nevertheless, empirical evidence on the contribution of PPAPs in improving the livelihoods of poor rural families is lacking. In order to overcome this knowledge gap, this study adopted a quasi-experimental research method based on a sample dataset of 735 poor families in Chinese rural areas before and after the project. Since 2014, China's photovoltaic poverty alleviation projects (PPAPs) have developed rapidly with the strong support of the Chinese government. Nevertheless, empirical evidence on the contribution of PPAPs in improving the livelihoods of poor rural families is lacking. In order to overcome this knowledge gap, this study adopted a quasi-experimental research method based on a sample dataset of 735 poor families in Chinese rural areas before and after the project. Using five types of livelihood capital values for poor families as poverty proxy indicators, we quantified the net contribution of PPAPs to poverty reduction in rural low-income families through probability distribution comparative analysis, mean comparison analysis, and difference-in-difference regression model. Results demonstrated that the PPAPs were able to precisely target rural families requiring relief and significantly reduced poverty in China, with the net effect on livelihood capital increases for rural families determined as 31.9%. PPAPs have effectively enhanced the economic conditions and social capital of poor families, yet increases in human and natural capital performed poorly. Differences existed in the anti-poverty effect of PPAPs across the three types of solar photovoltaic resource areas. The rural socioeconomic development and access to roads were undoubtedly important factors affecting the livelihoods of rural families. ••••We analyzed the role of solar PV to livelihood improvements in rural China. ••We quantified the poverty reduction effect...

Article Content

(PDF) GOVERNMENT SPONSORED PROGRAMMES OF POVERTY ALLEVIATION ...

PDF | On Dec 27, 2020, Soofia Fatima published GOVERNMENT SPONSORED PROGRAMMES OF POVERTY ALLEVIATION AND EMPLOYMENT GENERATION IN INDIA: A STUDY OF MULTI-DIMENSIONAL PROGRAMMES TO COMBAT RURAL ...

The major Poverty Alleviation Programmes in India since ...

- The primary goal is to distribute essential food commodities like rice, wheat and kerosene at highly subsidized rates to the people living below the poverty line. This poverty alleviation scheme helps in addressing the issue of food insecurity in rural areas of India. EMPLOYMENT RELATED : Integrated Rural Development Programme (IRDP)

Governance Challenges and Solutions of the Solar Energy for Poverty ...

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 ...

Facilitating poverty alleviation through industrial development

Facilitating poverty alleviation through industrial development ... Shanxi Province. Solar energy-based poverty reduction programs released by the government provides stable income for the impoverished through electricity sales. ... China's No.1 Central Document clearly designed a plan to develop long-term poverty alleviation industries. The ...

Evaluating poverty alleviation strategies in a developing country

This also justifies the fact that any community-demand-driven and community-managed poverty alleviation programme has to be self-sustainable in the long-term. Therefore, while a poverty alleviation programme may make use of a support structure in its initial phase, it should persist at thriving even after the support structure has been ...

two Integrated Approach

An Integrated Approach to Poverty Alleviation: Roles of the Private Sector, Government and ... traditional approaches to reduce poverty such as government expenditures, foreign aid

Solar energy for poverty alleviation in China: State ambitions ...

Since 2014, China has established poverty alleviation profiles for more than 89 million low-income households (LIHs) villagers and sent more than 255,000 government poverty alleviation workgroups ...

What contribution does the installation of solar water heaters ...

The South African government has publicized plans to install one million solar water heaters in house-holds throughout South Africa by the year 2014, with the goals of reducing strain on existing electric-ity resources, mitigating greenhouse gas emissions, creating employment and alleviating poverty. This paper examines two existing solar water ...

Rural energy poverty alleviation in OECD nations: An integrated ...

Rural energy poverty alleviation in OECD nations: An integrated analysis of renewable energy, green taxation, and the United Nations agenda 2030 ... it is essential to make a detailed assessment of rural energy poverty with an integrated approach. In so doing, we first measure rural energy poverty composite index across 38 OECD countries and ...

(PDF) An evaluation of the integrated poverty alleviation and ...

INTEGRATED POVERTY ALLEVIATION AND HOUSING SCHEME (IPAHS) IN BOTSWANA
Background The programme was conceived by the Government in the 1990s to facilitate economic empowerment of poor households that do not qualify for SHHA loans through employment creation, poverty alleviation and home ownership.

China carries out targeted poverty alleviation through energy ...

Calling energy an important impetus for poverty alleviation, China has introduced major energy projects in poverty-stricken areas to facilitate energy exploitation and ...

Policy evaluation and optimization for photovoltaic poverty ...

Recognizing the synergies within the energy-poverty-climate nexus, China has implemented photovoltaic poverty alleviation projects (PVPA) to combine renewable energy ...

Poverty Alleviation

Poverty Alleviation is the set of steps taken in an economic and humanitarian way for eradicating poverty from a country. Read more to know about the Poverty Alleviation Programmes in India. ... Government Ministry: Objectives: Integrated Rural Development Programme (IRDP) 1978: ... Solar Charkha Mission: 2018: Ministry of Micro, Small and ...

Governance Challenges and Solutions of the Solar Energy for Poverty ...

In 2014, China launched an ambitious policy to reduce rural poverty by implementing dis-tributed solar photovoltaic (PV) systems in remote rural areas. This policy is known as the Solar Energy ...

(PDF) Critical Evaluation of Poverty Alleviation ...

The most heated and debated topic not only in India but in entire world is to eradicate extreme poverty by 2030. Poverty is a socio-economic incident and it is closely related with disparity.

Impoverished villagers" solar PV adoption in rural China: A ...

China has initiated a Solar PV poverty alleviation policy (PPAP) to defuse solar PV and alliviate poverty. However, does the main approach of PPAP — providing economic ...

Evaluation of energy and environmental performances of Solar ...

Nowadays, poverty eradication is one of the top priorities of the Chinese government. For the purpose of winning the battle against poverty, the Chinese government implemented the Targeted Poverty Alleviation (TPA) strategy since 2013, aiming to lift the remaining rural poor out of poverty by 2020 (Zhou, Guo, Liu, Wu, & Li, 2018).

The effect of large scale photovoltaic-based projects on poverty ...

With these measures, the government can focus on economic and social production when developing PV projects and related industries, aiming at “hematopoietic” ...

The Impact of Government Schemes on Poverty ...

Corruption is a major challenge in the implementation of government schemes. In many instances, funds allocated for poverty alleviation are misappropriated, leading to inefficient execution and reduced benefits for ...

A scientometric review of global research on solar photovoltaics ...

3.1 Research questions and scientometric analysis. Currently, it is a common view that with increasing income per capita and decreasing poverty, there is a growing need for excessive energy-intensive products for human and economic activities (Balsalobre-Lorente et al., 2023).The application of solar technology has received an exceptional focus from policymakers ...

What is the anti-poverty effect of solar PV poverty alleviation ...

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.

Solar photovoltaic interventions have reduced rural poverty in ...

Here the authors show that solar photovoltaic poverty alleviation pilot policy increases per-capita disposable income in a county by approximately 7%-8%.

Photovoltaics can reduce economic poverty by 4.5% in China

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 ...

Evaluation of energy and environmental performances of Solar ...

According to the Chinese government's poverty alleviation standard (Table A.1), China's rural poor population decreased by 740 million, and the rural poverty incidence dropped by 94.4% from 1978 to 2017 (NBS, 2018). ... Sustainability evaluation of photovoltaic poverty alleviation projects using an integrated MCDM method: A case study in ...

(PDF) An evaluation of the integrated poverty alleviation and housing ...

This article evaluates the effectiveness of the Integrated Poverty Alleviation and Housing Scheme (IPAHS) in Ramotswa; an urban village located 32 km south-east of the capital city of Botswana ...

Social impact assessment of photovoltaic poverty alleviation program in ...

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 ...

An Analysis of Rural Poverty Alleviation Programs and ...

a) To highlight some poverty alleviation programmers launched by the govt. of India.
b) To study the challenges and problems of the poverty alleviation programs
c) The third objective of this present paper is to focus a short description of some poverty alleviation program such as IAY, MGnREA, etc
2. Research Methods

120KW government poverty alleviation project in Jinzhai

EN-DHN-72R18-DG-FS-610~630W. Full-Screen | Rectangular Cells | TOPCon| 610W to 630W. Read More

10. SOCIAL JUSTICE AND POVERTY ALLEVIATION PROGRAMMES Integrated ...

launching of the programme "Integrated Rural Development Programme (IRDP) in 1978-79, covering 2,300 development blocks and extended to all the 5011 blocks in 2nd October, 1980. For implementing the programme, DRDA was set up at district level. IRDP envisages the

(PDF) The Farmer Input Support Program and Poverty Alleviation ...

The Farmer Input Support Program (FISP) has continued to target the productivity of smallholder farmers to deal with poverty alleviation without consideration of farmers' resources, incentives ...

Sustainability assessment of individual-level solar ...

In this paper we study the Solar Energy for Poverty Alleviation Program (SEPAP) in China, which aims to increase the 3,000 Yuan annually for poor people by installing solar panels.

Solar power dawns light of prosperity in China's impoverished areas

Qinghai's solar power poverty alleviation projects have an installed capacity of 730,000 kilowatts of photovoltaic power, and are expected to generate 570 million yuan. About ...

Solar power dawns light of prosperity in China's ...

Solar photovoltaic (PV) power project, one of the major targeted poverty alleviation programs in China, has contributed greatly to the country's poverty reduction efforts, according to a white paper released by the State ...

(PDF) Poverty Alleviation in Silchar Development Block of South ...

Poverty Alleviation in Silchar Development Block of South Assam: A Case Study ... Although integrated programme for rural development was introduced for the first time in 1976 for the 20 selected ...

Chinese photovoltaic poverty alleviation: Geographic distribution ...

Of ten poverty alleviation measures, photovoltaic poverty alleviation is the one with main objectives to make use of regional solar energy resource endowments to increase income in residents (Yang and Zhao, 2018). From the results in this work, it is obvious that the GDP per capita and household savings per capita in most provinces are lower than in the ...

Evaluation of energy and environmental performances of Solar ...

The projects that combine solar photovoltaics (PV) and poverty alleviation (PA) are the explorations of sustainable development (SD) from the Chinese government, aiming at both reducing the number ...

An Analysis Of Poverty Alleviation Programmes In India With ...

The most heated and debated topic not only in India but in entire world is to eradicate extreme poverty by 2030. Poverty is a socio-economic incident and it is closely related with disparity.

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For more information, pricing, or custom solutions, please contact us:

Website: <https://www.pamacamper.it>

Email: info@pamacamper.it

Phone: +39 331 478 9250

Address: Via Roma 12, 20121 Milano, Italy

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