

Does solar photovoltaics have a socio-economic impact assessment?

1. This paper aims to expose the bibliometrics on the socio-economic impact assessment (SIA) of solar photovoltaics (PV) to make systematic review. Stimulated by climate change, Europe and the rest...

Do solar energy and PV technologies have a socioeconomic impact?

For the research design, we adopted a non-traditional review method and used scientometric analysis tools using HistCite and VosViewer programs. According to the findings, there has been a significant increase in publications on the socioeconomic impact assessment of Solar Energy and PV technologies from the 2000s to 2020.

Is residential solar PV a socio-demographic issue?

Residential solar photovoltaic (PV) power is a crucial component of the energy transition. However, the distribution of residential solar PV has been unequal in the United States, with deployment disparities emerging along multiple socio-demographic axes, including wealth, race and rurality 1,2,3,4.

Are solar photovoltaic panels a threat to the environment?

As more solar photovoltaic panels are expected to be introduced globally to promote the stabilization and decarbonization of electricity supply, concerns have been raised about the associated resource constraints and the environmental impacts.

This article evaluates a critical and extensive review of the contributions of solar photovoltaic systems to national development. The approach follows all steps, starting with capturing ...

Abstract This literature review examines the key factors influencing the adoption of residential photovoltaic (PV) rooftop systems. Economic research approaches this topic from both ...

Lessons have been reviewed for the technology of PV and CSP with their kinds and uses. Emphasis was given on the enactment of technology of solar PV for both of grid-joined and of-grid ...

This article presents a crosscountry empirical analysis to assess the socioeconomic impact of solar energy adoption, exploring how varying levels of solar investments influence national ...

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Abstract Stimulated by climate change, sustainability concerns have increased the literature on socioeconomic impact assessments of solar energy and Photovoltaic (PV) technologies. ...

Solar photovoltaic systems vary in quality, which may result in energy generation differences. New research investigates these disparities among installed PV systems in Connecticut, ...

Through the simulation and analysis of geographical and weather conditions, solar energy resources, building shadowing conditions, and subsidy policies, this paper explored the economic ...

This chapter presents the socioeconomic impacts of solar electricity and therefore goes beyond conventional life cycle assessment methods with the aim to advance towards a more global ...

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