

What is social acceptance of solar energy?

Social acceptance relates specifically to the acceptance of solar energy technologies by diverse societal stakeholders including the public, key stakeholders and consumers i.e. households, businesses, and local communities within a given country.

Does solar energy adoption affect socioeconomic development?

As countries transition from fossil fuels to sustainable energy sources, solar energy adoption has emerged as a key determinant of economic growth, social welfare, and environmental sustainability. This study examines the empirical relationship between solar energy adoption and socioeconomic development across multiple countries.

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.

Are solar energy and photovoltaic systems sustainable?

Stimulated by climate change, sustainability concerns have increased the literature on socioeconomic impact assessments of solar energy and Photovoltaic (PV) technologies. PV systems have gained prominence as a key renewable energy source since the 2000s.

Our results suggest that economic motivations, environmental concerns, and the desire to improve China's national image are the strongest predictors of adoption, followed by descriptive ...

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Discover the social benefits of solar energy, including job ...

Discover the social benefits of solar energy, including job creation, economic growth, improved public health, and energy independence. Learn how solar energy technologies contribute ...

By 2050, the cumulative mass of end-of-life photovoltaic (PV) modules may reach 80 Mt globally. The impacts could be mitigated by module recycling, repair and reuse; however, previous ...

By analyzing key indicators such as employment generation, income growth, rural electrification, and environmental impact, this article highlights the benefits and challenges ...

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Objective: This article sought to investigate the socio-environmental impacts generated by solar parks in communities neighboring the projects. To this end, it was necessary to conduct a ...

Based on China's energy policy and social management system, we will discuss justice issues in household solar PV adoption across spatial, temporal, and structural dimensions.

Solar energy technologies have evolved from simple experiments to sophisticated systems we see today. The advent of distributed solar energy marked a significant shift from ...

Socio-economic factors and technical complexities were tested to ascertain the moderating effect on solar energy and sustainability. A mixed research approach comprising ...

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