

Solar energy project acceptance

Are solar policy goals hampered by public acceptance?

Policy goals for sustainable energy will be hampered without sufficient public acceptance and public support. While there is a growing body of literature on public acceptance for solar energy, most studies tend to investigate public acceptance of new technology, and not on the policies constructed that aims to help successful deployment.

How can community acceptance of solar farms be capped?

Alternatively, the total area of land used for energy production could be capped through spatially explicit strategic planning. Finally, we highlight the role of policy and process in shaping community acceptance of solar farms.

What is the proposed solar policy acceptance framework?

Proposed Solar Policy Acceptance Framework 6. Conclusion contributing to policy acceptance around the globe. The framework proposed is constructed loosely from developed and developing countries. The significance of this framework is that it is not limited of previous literature.

Does solar policy acceptance affect environmental concerns?

policy acceptance [44,45]. Our systematic review of solar policy acceptance found only one neutral effect for environmental concern and this is from a case study in a developing country. Having said that, this shows that there is still needed literature on the acceptance of solar policies in developing countries. ii. Personal norm

Does policy influence community acceptance of solar farms?

Finally, we highlight the role of policy and process in shaping community acceptance of solar farms. We find that people's broader views on energy policy feed into their views on specific infrastructure projects such as Cleve Hill, which we describe as a 'relational' understanding of community acceptance.

How does social acceptance affect local energy consumption?

A large influence in local acceptance is citizens' expectations of a reduction of taxes and energy costs since local energy demands are satisfied. Another perceived benefit that increases social acceptance is the potential contribution to the economic development of the community and attaining energy self-sufficiency.

In contrast to the rich literature on wind energy, social acceptance of solar power has received less attention. This paper helps close this gap with the help of a large-scale survey (N = 1036 ...

Solar PV and wind will account for 95% of global renewable expansion, benefiting from lower generation costs than both fossil and non-fossil fuel alternatives. Over the coming five years, several renewable energy milestones are expected to be achieved: In 2024, wind and solar PV together generate more electricity than

hydropower.

Opinion polls indicate that solar energy enjoys a high level of socio-political acceptance and is preferred to other renewables, although it is unclear whether this acceptance persists as...

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While a general acceptance of RES is high, low local acceptance has hindered the development of renewable energy projects (hereinafter "REP"). This study assesses the determinants of local and general social acceptance of REP across Europe through a qualitative analysis from 25 case studies of the most significant social drivers ...

This study aims to analyse solar power acceptance by different methods in various knowledge domains to gain a holistic view of global, regional, and local acceptance. ...

We identify 28 determinants shaping community acceptance of large-scale solar farms. Key issues are "green-on-green"; scale; place attachment; policy; process; justice. We also propose a novel "relational" understanding of community acceptance.

This chapter assesses the utility of the energy justice framework to study and understand social acceptance of renewable energy in case studies in the Global South (wind, ...

All onshore energy projects with a capacity above 50 MW are classified as NSIPs, as well as offshore energy projects with a capacity above 100 MW (Natarajan et al., 2018). Cleve Hill has a proposed capacity of 350 MW, making it the second largest solar farm application in GB to date and the third largest application in Europe (following Pizarro ...

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We conducted 232 face-to-face interviews with the local population in Ouarzazate in Morocco, the building site of a flagship project for concentrated solar power in the MENA region. We find that community acceptance is almost universal, particularly because solar power is perceived to be environmentally friendly.

Literature about the social acceptance of solar energy projects and specifically, large ones, is still scarce. Based on a representative survey in Switzerland (n = 601), the present results reveal, through a comparison of small- and large-size solar power installations with wind power installations, that the more positive affective reactions ...

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renewable energy in case studies in the Global South (wind, hydropower, solar PV). Findings indicate a set of procedural, recognition and distributive...

However, social acceptance of solar energy could influence the feasibility of the energy as an alternative to satisfy the rising demand. Drawing from research survey and the academic literature, this paper explores the factors that could influence social acceptance of residential solar energy project in Malaysia. Data for this study were ...

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