

With the intensification of global climate change, carbon neutrality has become a crucial objective for achieving sustainable development, which critically requires systematic technological ...

In the end, we identified and summarised the current research gaps, and the future directions to ensure the feasibility of ZCMES as a primary strategy towards the actualization of ...

This research proposes strategies to reduce carbon emissions and mitigate climate change effects on coastal ecosystems, focusing on evaluating CO₂ emissions from ASEAN's coastal ...

Technology Review for Carbon Neutrality (TRCN) is a multidisciplinary, open-access journal hosted by Tsinghua University to provide a global platform of communication and collaboration on carbon ...

To realize carbon neutrality, people are trying to replace fossil fuels with renewable energy. There are many potential renewable energy options including wave, tidal, wind, solar thermal, ...

To achieve the national goals of carbon peaking and carbon neutrality, the development of a new integrated transportation energy system, particularly one based on the energy ...

In recent years, improvements in energy storage technology, cost reduction, and the increasing imbalance between power grid supply and demand, along with new incentive policies, ...

Solar photovoltaic (PV) and wind energy provide carbon-free renewable energy to reach ambitious global carbon-neutrality goals, but their yields are in turn influenced by future climate...

The purpose of this study was to investigate the relative importance of determinants that should be considered first in order for container terminals to realize carbon neutrality and become an ...

Climate change, driven by human-induced greenhouse gas emissions, poses a critical threat to the planet, prompting countries worldwide to pledge carbon neutrality by the mid-century. ...

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Solar container technology and carbon neutrality



Solar container technology and carbon neutrality

