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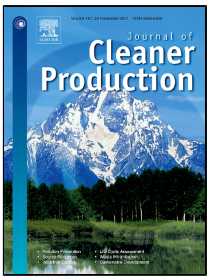

Scenario Analysis of Urban GHG Peak and Mitigation Co-benefits: A Case Study of Xiamen City, China

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Highlights

- A LEAP-based urban GHG simulation model for Xiamen City was developed;
- Both energy-related and non-energy related GHG emissions were considered;
- The environmental and economic co-benefits of GHG reduction were analyzed;
- Xiamen City might reach the CO_2 peak later than the national goal;
- Clean energy supply limitations and continued rapid growth delay Xiamen's GHG peak.