

Review of: "Research on the uncertainty of low-carbon environmental governance system and its impact on the dual goals of carbon emission reduction"

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Potential competing interests: No potential competing interests to declare.

The paper is very well written, explore the regional heterogeneity impact of environmental uncertainty on the dual goals of carbon emission reduction. The empirical results show that as the uncertainty of the low-carbon governance environment changes from a low-zone system to a high-zone system, its negative impact on the realization of the dual goal of carbon emission reduction is gradually strengthened. However, this study has some evident problems, my specific comments are as follows.

- 1 Authors should explain why they used 2011-2019 data instead of updating it to 2022.
- 2 Authors should compared their result to other studies.
- 3 Authors should provide key study limitations and potential future recommendations in brief.