

Review of: "Presenting a Wind Turbine Model for Climate Change Education and Action"

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Potential competing interests: No potential competing interests to declare.

General comments:

1. The paper presents a wind turbine model for climate change education, developed through a literature review. The model is comprehensive and highlights important elements like knowledge, values, identity, actions, etc.
2. The use of the wind turbine as a metaphor is creative and helps illustrate the interconnected nature of climate change education.
3. The paper is well structured with a good flow. The literature review provides a strong basis for the model components.
4. The title is suitable and clear.
5. The abstract is comprehensive, well structured, and well written.
6. References are sufficient and recent.

Strengths:

7. The wind turbine model is holistic, covering cognitive, ethical, and action aspects related to climate change. This provides a good framework.
8. The model has been assessed by experts and found to be useful for climate change and sustainability education.
9. Prioritized climate actions for families are presented based on UN recommendations. This provides practical guidance.

Weaknesses:

10. More details could have been provided on the expert evaluation methodology and results.
11. The conceptual link of some model components like identity, values, etc., to climate change education needs more explanation.
12. The scope of the paper focuses more on model conceptualization - empirical validation is limited.

Suggestions to improve:

13. Elaborate on the methods and results of the expert evaluation of the model. Provide more details on feedback received.
14. Strengthen arguments on integrating identity, values, etc., into climate change education by citing more studies.
15. Expand the article into an empirical study - test model components through a survey and relate them to climate



actions.