

Earth Syst. Dynam. Discuss., author comment AC1  
<https://doi.org/10.5194/esd-2022-16-AC1>, 2022  
© Author(s) 2022. This work is distributed under  
the Creative Commons Attribution 4.0 License.

## Reply on RC1

Nusrat Molla et al.

---

Author comment on "Governing change: a dynamical systems approach to understanding the stability of environmental governance" by Nusrat Molla et al., Earth Syst. Dynam. Discuss., <https://doi.org/10.5194/esd-2022-16-AC1>, 2022

---

Thank you for your thoughtful and constructive comments. We have attached a point-by-point response to your feedback. In summary, we have added discussion to clarify the conceptual and mathematical meaning of stability in the introduction and modeling approach sections, and restructured the introduction and renamed a section to make those definitions more prominent. Additionally, to make the concepts discussed throughout the paper more concrete, we have added an example system that is introduced through the first figure, and refer to that figure throughout the paper. Finally, we have included a more detailed discussion of modeling assumptions, including high-level structural assumptions and those about actors' behavior. We hope these revisions improve the clarity and interpretability of the study.

Please also note the supplement to this comment:

<https://esd.copernicus.org/preprints/esd-2022-16/esd-2022-16-AC1-supplement.pdf>