

Geosci. Commun. Discuss., author comment AC2
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Reply on RC2

Edward G. McGowan and Lewis J. Alcott

Author comment on "The potential for using video games to teach geoscience: learning about the geology and geomorphology of Hokkaido (Japan) from playing *Pokémon Legends: Arceus*" by Edward G. McGowan and Lewis J. Alcott, Geosci. Commun. Discuss., <https://doi.org/10.5194/gc-2022-10-AC2>, 2022

Dear Jazmin,

Firstly, thank you for the positive comments and overall support, we are glad you enjoyed reading our manuscript. Given that you agreed with some of Jamie's comments and did not duplicate them in your own review, please read our response to him so make sure we address your view on the same comments.

Regarding your additional comments, we have made the following edits;

Abstract: Parts of the video game's background were removed, leaving them to the main body. The rest of the structure was edited to form a more sequentially order.

Results: Figure 1 now includes numbers on the main map of Hisui and the topographic map of Hokkaido that relate to areas mentioned within the manuscript. References to Fig 1, both in text and in figure captions, have been added to allow for easier cross referencing between text and figures.

References: Unsure why the Nintendo link was not working. This has been re-hyperlinked and should now function properly. The two references are different. The Nintendo reference is for their store site, same as how each video game was referenced in McGowan and Scarlett (2021). The Pokémon Legend reference is a specific website the Pokémon Company created to provide extra information for the game (e.g. information not found in the in-game Pokédex).

Suggested edits:

- Section 1.2. Aims and objectives have been made clearer.
- Section 2. Physical and geological characteristics have now been mentioned.
- Section 3.2.2. Unfortunately, none of the references (or any other forms of literature online) provide an exact numeric date for the volcanism. They all state "Neogene-Holocene". General dates for the periods could be provided (I.e. universally accepted age range for the periods), however, we do not feel like these would be accurate enough for publication, as they would only be a rough interpretation of the dates.
- Section 3.5. Figures of in-game Lake Valor and real Lake Kussharo have now been added to Fig 6 (c&d).
- Section 4.1. Throughout the Results, edits have been made to highlight which geoscientific topic each feature covers. This has also been incorporated into the summary table (see response to Jamie).

We look forward to hearing back from you and hope that we have correctly addressed all of your comments. We greatly appreciate your feedback to ensure we publish the best manuscript for all to read!

Ed McGowan & Lewis Alcott