

# Review of: "[Perspective] AI Is All About Typing the Right Phrase"

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In this manuscript, the author summarized some applications of AI technology in the earth science discipline and suggested ways to stay creative in the era of AI. It was an interesting read. However, I do not think the structure of this manuscript is clear enough for readers to grasp the key idea. Below please find my comments on the manuscript.

1. In the Introduction section, the author provided an example of generating images using the AI-powered image generator Dall-e. However, this example does not seem to be cohesively connected with the rest of the content.
2. In the AI in earth science section, the authors stated in the second paragraph that: *"This paper provides a comprehensive overview of the current state of artificial intelligence (AI) in Earth sciences, examining its current status, use cases, challenges, and opportunities."* The examples provided by the author were interesting. However, I believe there should be much more examples/instances of using AI in the earth science domain, as well as the challenges and opportunities. In other words, I do not think the overview is "comprehensive" enough.
3. In the same section, the author also mentioned that: *"Additionally, the paper discusses some of the challenges that must be overcome in order for AI to be fully integrated into Earth science research, including issues related to data privacy, ethical considerations, and the need for continued innovation and research."* The issues pointed out by the author are some general challenges faced by AI technology. It is not clear in what way those issues impact research specifically in the earth science domain. At the same time, this section also seems to be loosely connected with the rest of the content.
4. Relating to the above points, the biggest challenge of this manuscript is that it does not seem to have a clear objective. Does it aim to introduce daily usages of AI technology, or provide a comprehensive review of how AI is being utilized in the earth science domain, or how should we stay creative in the age of AI, or some ethical aspects of AI technology? The author might want to cover a wide range of topics. However, considering the length of the manuscript, it would be better if it had a clearer positioning with a more detailed perspective.

Thank you for letting me review your work. Good luck on your future endeavors.