

Review of: "Climate Change Denial Theories, Skeptical Arguments, and the Role of Science Communication"

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I found the article very interesting and I liked that it focuses on exploring the arguments that come from climate change deniers. In conclusion, I summarize the main message and believe that it can be published.

Certainly, addressing an issue that threatens the existence of the planet, cooperation and decisive action are not only necessary but also a prerequisite. Logically, trust can only be built on reliable scientific information to ensure that this process becomes a reality. Therefore, the process of communication and the methods of communicating science must also be equally reliable and, therefore, require adequate investment.

Creating a specialized field of scientific communication for climate change issues is necessary due to the complexity and interdisciplinarity of the problem. Moreover, the trend of open science must be promoted and further encouraged because it not only enhances the credibility and persuasiveness of scientific information but also makes scientists more humble. Transparent disclosure of scientific costs will also help to prove that scientific efforts have been made and refute claims of corruption and political involvement in scientific results.

The social and humanitarian sciences have not received sufficient attention as a valuable approach to supporting the resolution of the climate change issue, although human actions mainly cause the severity of the situation. Specifically, if the current culture of ecological deficit within society is not replaced by a culture of ecological surplus values, the implementation of policies, programs, and actions to mitigate climate change will become more demanding, potentially encouraging and maintaining the denial and resistance to climate. Promoting or maintaining sustainable development initiatives, such as the semiotic principle of monetary and environmental value exchange, will be extremely difficult when a significant portion of the population continues to not believe that climate change is caused by human activities. The evidence of human-induced climate change is clear and has achieved almost universal consensus among scientists.