

Review of: "Connection Between Climate Change and Wildfires"

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Potential competing interests: No potential competing interests to declare.

Thank you for the opportunity to review your interesting work on the linkages of wildfires and climate change in the US. I am familiar with the wildfires of the Himalayan Region but have no knowledge of the North American context. The growing incidents of wildfires in this region are closely linked with the extended droughts during the pre-rainy season, which are tied to growing piles of biomass, specifically of pine species. Nevertheless, I believe that there are certain common elements such as the intensity and duration of droughts, the accumulation of biomass, and the fire volatility of the dominant plant species.

The overall write-up is quite appealing, relevant, and highly demanding in the context of the changing climate across the globe. The flow of writing without complex technical terms will be equally interesting to readers outside the technical field. There is sufficient room to improve the quality of the manuscript on two major aspects: methods and analysis of the contents. On the first, you may like to explain the approach to selecting literature for review, the scope, and the cutoff date to ensure the adoption of a bias-free process. For example, you may like to define your research questions and the key terms for searching literature, limit the geographic coverage (e.g., a specific ecological or landscape of the US), and qualify the technical terms in such a way that would be highly relevant and authentic to the scope of this study. On the second, you may like to narrow down your analysis to highlight real cases with data, graphs, or tables, then open up the same to relate other parts of the region or world. A good paper on the topic should adequately illustrate the cases of forest fires, putting them in the broader contexts of specific climatic parameters, namely, temperature, precipitation, wind, and/or humidity patterns.