

This article relates to the research topic ^{since} ~~in that~~ it provides significant information regarding the predicted changes in the climate and how they will affect the occurrence of bushfires in the global forests. It relates to other articles through its discussion on forest fires and the climate changes caused by mismanagement of immediate environments. ✓

Eckstein, David, et al. "Global Climate Risk Index 2020." *Bonn: German watch* (2019).

Retrieved from <https://www.germanwatch.org/sites/germanwatch.org>

The article discusses the major losses which have occurred as a result of climate changes in the last twenty years. It offers comparisons between the effects of burning forests in different regions in the globe. In addition, it offers recommendations for minimizing these effects through controlling the changes in the climate. Unlike other articles, this study offers information that is relevant to climate change by elaborating how each ^{person} ~~and every individual~~ can take part in the efforts of reducing changes in the climate by helping to conserve their immediate environments. ✓

Head, Lesley, et al. "Climate change and Australia." *Wiley Interdisciplinary Reviews: Climate Change* 5.2 (2019): 175-197. Retrieved from <https://onlinelibrary.wiley.com/>

In ^{is} the article, the authors explain the changes in the Australian climate through illustrating the trends in increased rising of temperature and more rainfall in the tropical areas, whereas the temperate areas are experiencing reduced rainfall amounts. It elaborates on the causes that have led to these changes in the climate in the region and the necessary solutions that could be applied to reduce the anticipated effects of climate change in the future. ^{The article also} ✓

relates to the topic of Australia bushfires and climate change in that it offer an in-depth information on what really caused the bushfires and how the continent might experience continued loss of forests due to the effects of climate change. ^{3 b missing}

modified the mechanisms by which ecosystems function. This article relates to the research topic since ^{it} gives an in-depth explanation of how the continued bushfires, across different parts of the globe, could affect the functioning of ecosystem in the coming years and ^{about} ~~elaborates~~ the need for finding solutions to climate changes.

Bowman, David MJS, et al. "Forest fire management, climate change, and the risk of catastrophic carbon losses." *Frontiers in Ecology and the Environment* 11.2 (2018): 66-67. Retrieved from <https://esajournals.onlinelibrary.wiley.com/doi/abs/10.1890/1537-1375-005>

In ^{the} article, the authors illustrate how climate change has affected the overall composition of carbon dioxide in the globe. They elaborate the need for forest management as a way of reducing the occurrence of bushfires. The article gives insights on the research topic through explaining to the audience the effects that ~~the~~ people should expect in the near future. ^{These effects are} due to the extended burning of the Australian forest and gives solutions to how we can manage the global forests to avoid such disasters. ^{This article} ~~It~~ relates to other articles since it concentrates on the climate changes which are occurring globally.

Dowdy, Andrew J. "Climatological variability of fire weather in Australia." *Journal of applied meteorology and climatology* 57.2 (2018): 221-234. Retrieved from <https://journals.ametsoc.org/>

Dowdy discusses the variations in the fire weather conditions for the last 66 years through discussing the numerous cases of bushfires that have occurred in this period. ^{His} ~~the~~ discussion includes how climate changes have resulted in the changes in the fire weather condition. The article also forecasts the future of the Australian forests by elaborating the occurrence of bushfires in the future in relation to the increasing temperatures in the region.

Australian Bushfire and climate change - No Bold

Bushfires are common in Australia over the past century and it has been problematic because the underlying root cause of the fires is not clear. The topic is interesting because the unprecedented bushfires have continued to unfold and the principal causes of the fires are still a competing argument. In 2019, the temperatures in Australia was above average and the rising levels of the greenhouse gases into the atmosphere caused the lack of radiation balance on earth leading to less escape of heat. What are the underlying causes and negative factors that favour the occurrence of Australia's bushfires? What is the role of climate change in relation to these devastating fires? To find an answer to the questions about the major causes of bushfires in Australia, I accessed the library search engines and discovered the following valuable articles related to the topic and formulated the following annotated bibliographies:

Brennan, Karl EC, Fiona J. Christie, and Alan York. "Global climate change and litter decomposition: more frequent fire slows decomposition and increases the functional importance of invertebrates." *Global Change Biology* 15.12 (2019): 2958-2971.

Retrieved from <https://onlinelibrary.wiley.com>

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The article discusses the main effects that bushfires in the temperate forests bring along.

The authors illustrate how the pace of decompositions has been slowed by the changes in global climate. Moreover, the authors elaborate how the global climate changes have