



The Most Dangerous Climate Catastrophe Delusions

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Human activities have unequivocally overheated our planet (Lee et al., 2023). According to the sixth and latest report of the United Nations Intergovernmental Panel on Climate Change (IPCC), without radical changes, the current global trajectory of greenhouse gas emissions will lead to an average global temperature increase of 3.2°C above pre-industrial levels by the end of the 21st century (Lee et al., 2023). If this occurs, the lives of almost half of the human population would be threatened (Lee et al., 2023), as large areas of the planet would become uninhabitable. Even though we have had a solid scientific consensus for decades on the causes and consequences of the climate crisis, the increase in emissions has not been slowed (Stoddard et al., 2021). Every year, emissions and temperature records are broken, and increasingly extreme weather events hit us. In order to change the trajectory we are on, it is necessary to debunk several myths that proliferate, which are listed below.



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1. "The crisis can be stopped at any time"

Several climate and biological systems have tipping points, points of no return, or breakpoints. These points are thresholds that, once crossed, would lead to irreversible changes in these systems on human time scales, even if global warming were slowed (Wunderling et al., 2021; Wunderling et al., 2024) (Figure 1). Among the systems with breakpoints