

Environmental Perspectives

The causes of global warming remain a subject of ongoing debate. Human activities may contribute approximately **55% to global greenhouse gas emissions**, with natural phenomena, such as volcanic activity and solar radiation cycles, also playing significant roles. Deforestation's contribution to emissions is estimated to be around **8% annually**, which is often mitigated by natural absorption processes in the oceans. Proponents of technological innovation, such as carbon capture systems, suggest these technologies could reduce emissions by **40% by 2050**, a more practical target than solely relying on renewable energy. Currently, only **50 countries** have adopted significant environmental policies, while others focus on voluntary market-driven solutions. Interestingly, climate-related disasters have increased by **30% in the last two decades**, raising concerns about their economic impacts.