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Title:

Comments: Comments Climate Change and Grizzly Bear Survival

South Plateau Needs to Address Climate Change, carbon dioxide released, carbon dioxide calculation of leaving the forest intact.

The South Plateau project should not add to carbon dioxide emissions. A calculation needs to be made that shows that the project is net neutral or better yet, net negative emissions. Net positive emissions are not acceptable.

Here is a study just released today, 11/5/2022.

The world is going to miss the totemic 1.5°C climate target

It needs to face up to the fact

<https://www.economist.com/interactive/briefing/2022/11/05/the-world-is-going-to-miss-the-totemic-1-5c-climate-target>

the amount of cumulative carbon-dioxide emissions associated with a specific amount of warming. Such budgets can be estimated pretty well from climate models; they are among their more robust products and among the most useful for policy.

According to the ipcc the budget for a 50% chance of avoiding more than 1.5°C of warming is 2,890bn tonnes of carbon dioxide. Some 2,390bn of this had already been emitted by 2019. That left a pre-pandemic carbon budget of 500bn tonnes. Since then, a further 40bn tonnes has been emitted each year, roughly, leaving less than 400bn tonnes in the budget.

Daniel Schrag, an Earth scientist at Harvard who was a White House scientific adviser during Barack Obama's presidency. "It is so completely outside the realm of the technology and economics and politics of the world. Is it technically feasible? I guess. But it's so far from reality that it's kind of absurd."

Glen Peters of Norway's Centre for International Climate Research wrote that "There exists no scenario in the [ipcc] assessment that peaks in 2025, and then reaches 1.5°C." He should know: he was one of the lead modellers involved. "Maybe it is possible," he says, "but it is really clutching at straws."

Grizzly bear survival

The South Plateau Project is incompatible with grizzly bear survival

"Schwartz and others (2010) found that grizzly bear survival in the Greater Yellowstone Ecosystem declined as road density, number of homes, and site developments increased."

Flathead National Forest Biological Assessment, December 2017 p. 104