

From: [ELIZABETH SHEPPARD](#)
To: [JCCR Exhibits](#)
Subject: HB 2020
Date: Wednesday, March 6, 2019 9:36:47 PM

Dear Members of the Joint Carbon Reduction Committee:

In 2005, when I first read Australian author Tim Flannery's book, "The Weather Makers," I was converted from being a denier of the possibility that humanity could effect climate disruption, to believing that we had, at most, only 12 years to avoid irreversible climate disaster. That would have been by 2017! And here it is, 2019, and I am not sure the runaway point of that "hockey stick" graph he portrayed has not already been passed.

I applaud you for attempting at this late date to avoid this outcome, but HB 2020 does not go nearly far enough in my estimation. How about aiming for just under 12 years from now .. that would be by 2030, to reach 100% reduction of 1990 GHG levels. That could get us somewhere near the 350 ppm level that Flannery proposed.

For starters, the Oregon Physicians for Social Responsibility have listed 12 steps that would strengthen the bill. These include strengthening carbon reduction goals, forming a commission to insure oversight and accountability of rulemaking, removing exemptions for garbage burning and fluorinated gases, as well as for industries such as forestry, industrial agriculture, aviation, marine and railroad industries. I believe even incorporating those would not be enough to get us where we need to be. However, if we added to emissions reduction, the implementation of regenerative agriculture and forest recovery, we could reduce the level of Green House Gases that are already in the atmosphere to an acceptable and livable level and save our civilization from extinction.

Thank you for considering my comments.

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