

**From:** [Sea Lion](#)  
**To:** [HEE Exhibits](#)  
**Subject:** HB 4105  
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Hello, I write in support for HB 4105.

The precautionary principle generally suggests that, in the face of uncertainty, efforts to reduce impacts are prudent and reversible choices should be favored over irreversible choices (Ludwig et al).

Moreover 2019 set another record for Ocean warming according to NOAA. The study conducted by an international team of 14 scientists from 11 institutes around the world declared the past ten years have been the warmest on record for global ocean temperatures, with the last five years holding the highest record. In the last 25 years the amount of heat that we have put into our oceans would be equal to 3.6 Billion Hiroshima atom- bomb explosions says Lijing Cheng lead author on the paper published their results on Jan 13 2020 in *Advances in Atmospheric Sciences*.

“This measured ocean warming is irrefutable and is further proof of global warming. There are no reasonable alternatives aside from the human emissions of heat trapping gasses to explain this heating,” says Cheng. Two independent data sets indicate that the past five years have been the warmest on record for global ocean temperatures.

“The price we pay is the reduction in of ocean dissolved oxygen, the harmed marine lives, strengthening storms and reduced fisheries and ocean-related economies,” Cheng said.

Thanks for your time and consideration.

Ninette Jones  
Portland, Oregon

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HB 4105

Prohibits state agencies from authorizing construction of new infrastructure for exploration, development or production of oil or gas on state-owned real property or for transportation of oil or gas across state-owned real property