Representative Ken Helm and Committee Members Oregon House Committee on Energy and Environment :

This is being written in support of a total rejection of the proposals being made from the authors and special interest groups supporting this flawed and fraudulent measure.

The arguments concerning atmospheric CO2 changing the climate have been fronted and tested after over 20 years of running climate models and their predictions pinned against reality. The results clearly show the modeling has failed and does not support the notion that atmospheric CO2 is causing the claimed climate effects of rising temperatures or any other weather events we have been able to measure. Those results have shown that temperatures have guit rising to any statistical significance in 20 years of global temperature records tracked by orbiting satellites with the exception of two back to back El Ninio events in 2015 and 2016. This means the warming linear trend line starting from the beginning of the record in 1979 when there was warming until 1998 continues to lessen, contrary to failed climate models that predicted continued steady warming as atmospheric CO2 continues to rise. The UAH satellite temperature record is included with this e-mail and it's examination self evident and proves climate modeling has failed, the only tool that supports this failed notion. Also included is the computer climate simulations initialized in 1998 that show the predicted temperatures of the surface records are off by a factor of more than 2 when compared to 2015 and there is now also reason to believe the temperature trends of all the surface data sets have been altered to closer reflect the failed modeling rather than the satellite trends which show a temperature stasis since 1998. Supporting evidence can be found concerning the unjustified temperature manipulations by watching the video presentation of quality control electrical engineer Tony Heller who has analyzed the NOAA and NASA GISS surface temperature records and compared them to the unadjusted sets.

https://www.youtube.com/watch?v=e4qqZqZbbig

Also below are several sources that discuss the historical climate records derived from geological and ice core records that clearly show there is NOTHING unusual occurring in our present day climate optimum that the earth has not experienced in prior times.

Taxpayers deserve better than to have organizations such as the taxpayer funded Oregon Climate Change Research Institute at Oregon State University providing politically biased research that their own researchers have fronted to the legislature in support of the climate being changed by human CO2 emissions, yet all of the peer reviewed work ignores the obvious that many independent researchers have discovered that proves the reports from OCCRI to the legislature are seriously flawed and wrong. As an Oregonian who is degreed in atmospheric science, I have seen no evidence the Oregon climate is changing in any way as OCCRI has claimed. They are grasping at straws and grossly exaggerating the temperature and snowfall records of this state. Please do not consider such a flawed bill that will place onerous taxes and fees onto the citizens of this state and that will drive up energy costs to unaffordable levels on this states poor, elderly and those in need of public assistance. That is wrong and unacceptable to do to Oregonians who strive to make life better for all. It should ALWAYS be Oregon citizens first and special interests last.

Thank You.

Chuck F Wiese Meteorologist Fact: Minoan, Egyptian, Roman and Medieval times were probably warmer than recently WITHOUT MAN'S CO2.

Evidence: Grootes, P.M., Stuiver, M., White, J.W.C., Johnsen, S.J., Jouzel J., Comparison of oxygen isotope records from the GISP and GRIP Greenland ice cores. Nature 366,1993, pp. 552-554. Graphed at: <u>http://www.sustainableoregon.com/temphist.html</u>

Evidence: R.B. Alley, The Younger Dryas cold interval as viewed from central Greenland. Journal of Quaternary Science Reviews 19:213-226 graphed at http://www.sustainableoregon.com/climatehistory.html

Fact: Water vapor causes most of the greenhouse effect Evidence: http://www.realclimate.org/index.php?p=142

Fact: CO2 only causes 9-26% of greenhouse effect. Evidence: "CO2 alone makes up between 9 and 26%" <u>http://www.realclimate.org/index.php?p=142</u>

Fact: Man only emits about 5% of the annual CO2 emissions, the rest is from nature. NASA Evidence: Add up the numbers on the NASA chart: <u>http://earthobservatory.nasa.gov/Features/CarbonCycle/page1.php</u>

Fact: The rate of the current warming is statistically indistinguishable from earlier warm periods. Evidence: Phil Jones, CRU head, told the BBC: "the warming rates from 1860-1880, 1910-1940 and 1975-1998 are similar and not statistically significantly different from each other." From: Phil Jones BBC interview, question A, <u>http://news.bbc.co.uk/go/pr/fr/-/2/hi/science/nature/8511670.stm</u> But man's CO2 emissions during those three warm periods were dramatically different ranging from 91 MT(1) to 4596 MT(1) See: <u>http://cdiac.ornl.gov/ftp/ndp030/global.1751_2010.ems</u>

Fact: 1920-1940 was warmer than now in the Arctic

Evidence: A NASA graph that shows that 1920-1940 was warmer than now in the Arctic: https://earthobservatory.nasa.gov/Features/Arcticlce/arctic_ice3.php

The NASA graph also shows that the rate of warming was faster in the 1920-30s than recently. In 1920 man's CO2 emissions were only 955MT compared to 5396 in 1979. This suggests that CO2 actually has NO effect on climate.

Fact: In most studies CO2 follows temperature, not leads it (a cause cannot follow the effect) Evidence: <u>http://www.realclimate.org/index.php?p=13</u> (ignore the speculation that further warming "could in fact have been caused by CO2" - it is mere speculation as shown by the word "could".)

Fact: Current ocean rise is within historical norms.

Evidence: <u>http://www.hockeyschtick.blogspot.com/.../new-paper-shows..</u>. description of Evidence: <u>http://www.hockeyschtick.blogspot.com/2014/10/new-paper-shows-global-sea-level-rise.html</u> description of <u>http://www.ocean-sci-discuss.net/11/2029/2014/osd-11-2029-2014.html</u>

Fact: Glaciers retreated FASTER in the 1930s than recently Evidence: <u>http://www.sustainableoregon.com/glaciers.html</u>

Fact: Solar cycles are a better fit to climate than CO2. Evidence: Shaviv, N. J., 2005. On climate response to changes in the cosmic ray flux and radiative budget. J. Geophys. Rsch., VOL. 110, A08105, doi:10.1029/2004JA010866, 2005 Friis-Christensen, E., and K. Lassen, Science, 254, 698-700, 1991 Links are at: <u>http://www.sustainableoregon.com/thesun.html</u>

