

**TO: OREGON LEGISLATURE
SUBJECT: TESTIMONY IN SUPPORT OF SJM5
OR SENATE ENERGY AND ENVIRONMENT COMMITTEE**

March 1, 2021

Dear Senators;

We are constantly hearing about how the planet is changing. Since 1912, scientists have documented changes that were observable in the climate due to coal consumption. As the 20th century continued, scientists documented logged data about temperature changes in the oceans and on land. Today, the Earth is 1.1degrees Celsius higher.

So what, right?

While it does not seem like very much of a change, it is enough to change ecosystems. These changes are the problem and the reason I am writing in support of the SJM5 measure. Our planet, today, is very much in a delicate state. In fact, it is dire, and we must take immediate action to correct the problem, humans have caused. Our time is running out.

We can see that every day through our changing weather patterns. We can also see the effects of climate change through natural disaster events such as floods, hurricanes, and fires.

But, it is what we don't see that alarming.

Every living creature on this planet lives within a very specific set of conditions. It is those conditions that are changing because of climate change. Scientists have been documenting the loss of animal life on this planet since the 1970s. In fact, we have entered another mass extinction event. Part of the reason is climate change. Rising temperatures are a condition animal life on this planet cannot thrive. For every creature lost, it does indeed impact humans.

We are all connected in this way because we all live on this planet together.

Senators, for years, I have worked in Oil & Energy as a scientist. I can tell you about the loss of local life because I have seen it. Entire sections of the ocean where you can no longer find fish. These areas take decades to rebound if they ever do. As a geophysicist, I have worked on the ocean for over two decades. They are heating as surly as a kettle on a stove does.

The time for action is now.

As an Oregonian, Oregon should be the nation's leader in proposing SJM5. We are impacted by rising temperatures through everything from air quality to the loss of our rivers. It is our obligation to future Oregonians to do so to provide a better future than the one they will inherit as it stands today. Everything we love about Oregon is in jeopardy and we need to push for positive changes. This planet is not ours, it is just in our care for the moment. We cannot have more fires, more air pollution, and more drought in this State and expect for us to carry on as usual.

I understand, having worked in the Energy industry, what balance needs to look like. By creating a Carbon-based initiative, we have the power to create a new system of jobs and cost reduction for businesses at the same time. Additionally, it is important not to create another tax for working people. Through SJM5, we need to put costs where costs should go.

Senators, let's create more jobs and a better future for Oregon. We can change this if we do something to try.

Kindest Regards,
Anna Pilette
Beaverton, Oregon