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To: [City Council](#)
Subject: [EXTERNAL] August 1 Council Meeting Resolution 494 Climate Emergency
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We live on a living entity we call our planetary home in which every living Being breathes. That means Air, Water and Soil breathe. What humans create does not breathe. (Except of course our babies)

The role of the respiratory system in humans is to breathe in oxygen and breathe out carbon dioxide. This is known as respiration. The cells of our body use oxygen to perform functions that keep us alive. The waste product created by our cells once they have performed these functions is carbon dioxide which we breathe out.

Just like humans, trees also breathe. But, **while we as humans inhale oxygen and exhale carbon dioxide**, trees do the opposite: their leaves pull in carbon dioxide, water, and energy from the sun to turn into sugars that feed the tree. This process, known as photosynthesis, emits the oxygen that humans need to breathe.

Gasses diffuse from the atmosphere into the soil and back out again, like breathing.

Covering the soil with huge buildings, concrete parking lots and roads of asphalt affects soil's ability to breathe, which creates Heat issues. The large plots of buildings also keeps soil from another natural function of absorbing water and creating excess water run off.

Today July 31, 2022 marked an intense heat event for our area.

Then cutting down the Tree Canopy that breathes for us humans and soil seems like a very bad choice and a sure way to create more climate chaos.

We humans in Shoreline need You ...

who make this decisions to
Save a Lot More Trees!
Thank you
Isis Charest
Shoreline resident

https://en.m.wikipedia.org/wiki/Soil_respiration