

Please pass Senate Bill 1559.

- It changes terms from “global warming” to “climate change,” which is good, but not enough. “Climate disaster” or “population collapse” are more accurate terms.
- It raises goals for greenhouse gas emissions by 2030, 2040, and 2050, but “Nothing ... creates any additional regulatory authority for an agency of the executive department.” We will depend on future legislation to do that, and we must do it.

Few people recognize the human disaster facing us. SB 1559 improves that. Most believe technology will let humanity continue as before. Just develop a much-faster-than-light space drive, like in Star Wars or Star Trek. Keep accelerating the momentum of development; capitalism will save us. Ignore the laws of physics and thermodynamics ; they are too hard to understand anyway. Besides, messages on my phone demand my time.

In 1972, *The Limits to Growth (LTG)* published 12 scenarios of what to expect for life on earth until 2100, using the new discipline of systems dynamics. Nearly all scenarios showed similar growth in major sectors of society until about 2020. Then they began to diverge as natural resources were used, requiring deeper digging to get them, with more pollution to refine them for use. One pollution source, carbon dioxide, was included in general pollution, but was not specifically identified for its ability to trap solar energy into Earth’s climate. President Reagan repudiated it. *LTG* was repeated in 1992 and 2004, with even clearer results, and was renewed again recently. Humanity is in trouble, but we remain blindly optimistic. We don’t connect increasing climate disaster, spreading civil wars, pandemics, starvation, social collapse and uncontrollable migration with our desire for constant “economic growth.”

Mass, energy, momentum and some other things are “conserved” and constrained to the laws of thermodynamics (i.e. “entropy”), but *information* does not seem to be similarly limited. If we follow the information we have, and what we are learning, there is hope for humanity. But we must understand how Nature works. Legislation, like computer code, defines how things work, but often has errors. Capitalism’s assumed perpetual growth violates Nature’s laws, so will collapse. It’s time to taper off and get sustainable. That means fewer people, by voluntary action or by Four Horsemen of the Apocalypse. A misbehaving Supreme Court denied voluntary action to slow population growth, so we must accept Nature’s ways: War, Starvation, Pandemic and Strife. Either that, or impeach certain Court members for misbehavior. Early recognition of our future allows us to improve it.

We must quickly move to the next steps SB 1559 recognizes.

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