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Dr. Denny Taylor
Professor Emerita, Hofstra University
Distinguished Alumna, Columbia University
Distinguished Scholar, NCRL
Co-Founder and CEO, Garn Press (Philanthropic)
Nominated for the Nobel Peace Prize in 2018 & 2019

To the Honorable Members of the U.S. House of Representatives and the U.S. Senate

The greatest responsibility of the U.S. Congress is to save the planet for our children and young people. Each of you carries the weight of the world on your shoulders and the life of every child on the planet is in your hands. Congress cannot abandon them.

This is not a Democrat or Republican issue. However uncertain life has become because of the January 6 insurrection, the Covid pandemic, and Putin's war, these catastrophic events do not come close to the cataclysmic disasters that will confront us in the coming decades because of the continued use of fossil fuels that is exacerbating the destructive power of the climate crisis.

Every Member of Congress must step up and protect the future lives of children and young people. To renege on this responsibility will make the U.S. House and Senate guilty of killing the future of children and young people and placing in jeopardy the life of every American. The continued use of fossil fuels will mean the disintegration of commerce and epic losses in financial sectors. Given the indicators of financial, economic, and political disintegration, it behooves all Members of the House and Senate to approve the trillions of dollars that are needed annually to finance the American real net-zero energy transition by 2030.

If the Congress doesn't act children and young people born in 1990s and the 21st century will have drastically reduced life expectancy. The American people are already experiencing stressors that overwhelm them, but the physical, psychological, and emotional stressors that children and young people are experiencing are exponential. And it is highly likely many children and young people will live only half as long as

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their parents, because of the impact on human societies of the rapidly rising temperatures caused by the continued use of fossil fuels.

Do not be deceived. Over the past 50 years the fossil fuel industry has built a global infrastructure of lies and deception across all social, economic, and political sectors to inculcate unwarranted doubt in global warming and to contradict the scientific evidence that burning fossil fuels is causing the climate crisis. The fossil fuel industry is now using this nefarious global infrastructure to promote the idea that the world can continue to burn fossil fuels and reduce the emissions of carbon dioxide that are causing global warming. We cannot.

Big Oil is spending billions of dollars to gaslight governments and the public into believing we can go on burning fossil fuels and capture the carbon dioxide through the process of Carbon Capture and Sequestration (CCS) and Carbon Capture Utilization and Sequestration (CCUS) and stop the temperature rising. The science is unequivocal. It is not possible to develop this technology in time, at scale, without risks to communities, and it will require trillions in public funding. The bottom line is that for children and young people to survive we must end our use of fossil fuels and do it fast.

For economic decarbonization to be effective, subsidies for fossil fuel production and consumption and the CCS/CCUS tax credit must all be eliminated. This will take the co-leadership and partnering capabilities in and across the public, private and civil society sectors. The financing options for real net-zero carbon renewable energy sources must be rapidly established and diversified, with innovative financing models developed. It is imperative that Congress make every effort to finance the decarbonization of the U.S. industrial and energy sectors and the necessary technology transfer to less developed countries as well.

The IPCC AR6 report warned that we will breach 1.5°C by 2030. However, IPCC scientists are now warning that the rise in temperatures is accelerating faster than anticipated and it is highly likely we will breach 1.5°C by 2026. When this happens many countries in the world will experience extreme temperatures, and wet-bulb heat will make entire regions of the planet uninhabitable. Agricultural lands will be lost, food systems will be interrupted, and many societies will collapse because of forced displacement.

Even if these forecasts are wrong, the IPCC AR6 report predicts that one billion people will be displaced by 2050, with some scientific studies anticipating displacement of 1.2 billion people by 2050. The revised

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forecast predicting the rapid acceleration of rising temperatures makes it highly likely that the displacement of vast populations of people - close to three times the populations of the United States -- could occur much sooner than 2050.

And yet the fossil fuel industry is still perversely privileged by the U.S. Congress. It is no secret that many representatives in both the Senate and House receive millions of dollars from Big Oil for their political campaigns, and that in return Congress awards massive subsidies and tax credits paid for with public money. It is the mothers and fathers of the children whose lives will be in jeopardy that are paying the taxes that will be used for Congress to award these tax credits and subsidies to the fossil fuel industry.

These collusive practices are a betrayal of the public trust and will ensure the continued burning of fossil fuels at least until 2050, which constitutes a future crime against humanity. Put bluntly, the continued financing of the fossil fuel industry by the U.S. Congress will kill the future lives of many children and young people born in the 21st century

The science is unequivocal: fossil fuels are causing global warming and we must respond quickly if our children are going to survive. The open access Interim Report is granular and expansive. The report is entitled The Carbon Clock is Ticking: Children Will Live the Future that Burning Fossil Fuels is Setting on Fire. It provides a broad sweep of the scientific evidence and factual documentation that unravels the fossil fuel industry's two big lies, the first denying climate change and the second promoting carbon capture. The report counters the subterfuge and deception of the powerful elites, lobbyists, and PACs, who are actively misleading the public into believing that we can continue to burn increasing amounts of fossil fuels without emitting more CO2 into the atmosphere.

Part Two of The Carbon Clock is Ticking will be available by June 30, 2022. It includes a deep analysis of the October 28, 2021, House of Representatives, Committee on Oversight and Reform hearing on the fossil fuel industry entitled: Fueling the Climate Crisis: Exposing Big Oil's Disinformation Campaign to Prevent Climate Action. Part Two also includes a deep analysis of the little-known gassing of a U.S. community, and what Congress and the public can learn from this actual high-pressure CO2 pipeline disaster. Part Two also provides Congress and the public with a recently completed groundbreaking study and assessment of the leakage risk of high-pressure CO2 pipeline transportation. This trustworthy real-life evidence provides indisputable verification that Big

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Oil, including ExxonMobil, Chevron, BP, Shell, and API are lying about carbon capture (CCS/CCUS) and enhanced oil recovery (EOR). The scientific analysis demonstrates that CCS/CCUS is a Big Oil boondoggle that will inevitably increase CO2 generation and advance ecological destruction. Carbon capture will not save the future for children and young people, and it will not save any of us.

All Americans are the victims of this second big lie by the fossil fuel industry. CCS/CCUS won't work in time to stop the temperature rising and carbon capture will result in crippling economic costs. Billions of dollars are being spent on propaganda about CCS/CCUS to deceive the public and hoodwink us into believing we can continue to use fossil fuels and stop the temperature rising. We cannot.

ExxonMobil, Chevron, BP, and Shell are holding humanity's feet to the fire by lying about CCS/CCUS. A data driven analysis confirms that it is financially viable to end fossil fuel use and make the transition to clean energy. In fact, it is much more feasible than giving trillions in tax dollars to the fossil fuel industry. Do not let ExxonMobil, Chevron, BP, and Shell fool you with their big lies and unrealistic pie in the sky expectations for carbon capture.

Knowing the deadly consequences for children and young people of the fossil fuel industry's moral bankruptcy, it is important the public finds ways to inform the decision-making process to ensure policymakers remove all subsidies for fossil fuels and develop renewable energy and electrification plan to reach net zero by 2030 to prevent further avoidable global warming. We must alter course and we must do it now.

A Fossil Fuel Divestment Plan to save the planet for children and young people is presented in Part Two of The Carbon Clock is Ticking, in which you will have an opportunity to consider the scientific evidence and the analysis of lived experience that has gone into the development of the plan. This is a last call. Both Congress and the public must act. There is no more time. The future lives of children and young people depend on you.

Sincerely,
Dr. Denny Taylor

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