

Grizzly Protocol

for Blunting Impacts of Global Warming

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Prologue: Planet Earth is the only place in the universe that 'life' is known to exist. Despite decades of sophisticated, and expensive, scientific exploring, 'life' has not been detected anywhere but on planet Earth. This fact is combined with the reality that the universe is mostly comprised of empty space, which is sparsely occupied with relatively small areas of rock and gas. Thus, global warming on Earth has a real potential of killing the human race and all other lifeforms. As the effects of global warming progress, humanity can reasonably expect secondary negative impacts such as disease pandemics, starvation, wild fires, floods, and an exacerbation of human conflict, possibly including nuclear war. The combined negative impacts may more-likely-than-not lead to the extinction of the human race by 2170. Bold, firm, and comprehensive action is needed without delay to minimize or eliminate this risk. Below are steps and actions, which if implemented, may well curb global warming in a time frame that leads to success.

Carbon Source Containment:

1. Halt all new oil/gas well installations, permits, leases, etc.
 - The oil/gas that is currently in the ground must stay in the ground to avoid further temperature rise.
2. Prohibit all new fossil fuel mining (coal, tar sands, etc.) installations, permits, leases, etc.
 - The fossil fuels now in the ground must stay in the ground to avoid further temperature rise.
3. Plug 10% of all oil/gas wells in 2022.
 - Developing alternative non-carbon energy sources will not occur until there exists an immediate shortage of carbon energy sources.
4. Close 10% of all fossil fuel mines in 2022.
 - Developing alternative non-carbon energy sources will not occur until there is an immediate shortage of carbon energy sources or unless there is a financial incentive (such as a tax credit).

5. Inventory and plug all abandoned oil/gas wells in 2022.
6. Inventory and stop gas leakage from blow out oil/gas wells, which are leaking methane in 2022.
7. Plug 5% of all oil/gas wells each year until 2042.
 - This step allows for detailed planning and implementation for the replacement of carbon energy sources by non-carbon and/or alternative energy sources.
8. Close 5% of all fossil fuel mines each year until 2042.
 - This action allows for detailed planning and implementation in the replacement of carbon energy sources with non-carbon energy sources.
9. Cap all remaining oil/gas wells by 2042.
10. Close all remaining fossil fuel mines by 2042.

Elimination of Super-Source Emitters:

11. In 2022, ban production of new single-use plastics; support the use/manufacture of recycled and biodegradable plastics only.
 - This step will reduce the pressure to produce new carbon energy raw materials for plastic and curtail the current plastic pollution. It action should force the cleanup of plastic dumping grounds and accumulation points.
12. Maintain internet data center power use at no more than 2021 levels. Future growth in this industry should be offset by increased efficiencies.
 - The internet currently consumes an inordinate quantity of energy, which applies immense pressure to produce carbon-based energy. Thus, it is recommended that the energy use of the internet not exceed 2021 levels.
13. Prohibit all crypto currency.
 - Crypto currencies are large energy consumers. Yet they are largely unregulated and seem to provide no basic service needed by humanity apart from wealth redistribution. Thus, they should be eliminated to help offset further temperature rise.
14. Halt all manned space programs.

- Manned space programs waste resources and energy because, by the laws of physics, they cannot lead to anything meaningful for humanity. Plus, the manned space programs keep the fantasy of a 'Plant B' alive and therefore hamper all Earth preservation efforts.
15. Outlaw the use of all 'virgin' natural resources: only the use of recycled resources should be allowed.
- A sustainable life system needs tight recycling of all natural resources; if the illusion of the availability of plentiful and cheap virgin natural resources is allowed to continue, then a sustainable life system will not develop.
16. Halt all migration: each person must "bloom where born."
- Migration leads to contention, which leads to conflict or war. War is by definition counter to the reduction of carbon energy use; thus, no migration can occur. NOTE: on an overpopulated planet there is no true migration; only conquest.
17. Each parent will pay a 5% additional tax for each child created; increased tax will remain for the length of each parent's life.
- Over population is a major driver in global warming; thus, any incentive that will help reduce the human reproduction rate is required to reduce global warming.

Economy System Replacement

18. Remove the current growth/wealth-based economy to allow sustainable economy to develop: Note; a growth/wealth-based economy is incompatible with the physics of a planet with finite resources.
- a. Cap personal inheritance at \$100,000/year (or equivalent).
 - Inheritance leads to a rise of a wealthy few which leads to the abandonment of laws/norms and thus, the loss of a sustainable life system.
 - b. At death; all personal wealth reverts to government ownership.

- This action changes the focus of personal wealth from blood line wealth retention to community sustainability.
- c. Cap personal income at \$50 million per year (or equivalent).
 - This action stops a wealth run a way situation from creating a person(s) with enough wealth to pay for the abandonment of laws/norms and thus, the loss of a sustainable life system.
- d. When a corporation (or equivalent) reaches one billion (or equivalent) in worth it will be split into two totally separate corporations.
 - This action stops a wealth run a way situation from creating a corporation(s) with enough wealth to pay for the abandonment of laws/norms and thus, the loss of a sustainable life system.
- e. Foreclosure on loans will require payment to loanee of full equity they have accumulated in the collateral.
 - This action halts banks (or equivalent financial institutions) from unfairly amassing enough wealth to pay for the abandonment of laws/norms and thus, the loss of a sustainable life system.
- f. All stock trades will pay 25% tax at time of trade.
 - Stock trading should not be a protected financial activity; thus, tax will be due at the time of transaction to halts stock traders (or equivalents) from unfairly amassing enough wealth to pay for the abandonment of laws/norms and thus, the loss of a sustainable life system.
- g. Stock owners will retain lifetime financial and criminal liability for the actions of the company in which they own stock, even if the companies are defunct or they have sold their stock.
 - This action guards against a corporation doing harm to humans or the environment and then going into bankruptcy to avoid paying for the damage done.

Ramifications of Global Warming

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The United Nations Intergovernmental Panel on Climate Change recently released their latest report titled "AR6 Synthesis Report: Climate Change 2022" [IPCC AR6]*. This report confirms that global warming and associated climate changes are occurring and that the main cause is the release of greenhouse gases as a result of fossil fuel burning. This report presents the data and findings in a matter-of-fact manner and without elaboration into the real-life ramifications of the data. The ramifications of this report's findings cannot be overstated---life on this planet is facing extinction. The impact of the laws of physics makes the global warming threat more dangerous than previously thought. First, the impact of 'self-reinforcing heating system' which basically means that the more the Earth heats up the more greenhouse gases are released which, in turn, leads to more heating of the planet. Second, is the alarming speed of the climate changes now being documented. For example, species populations decline much faster than early data indicated or arctic and glacial ice melts surprisingly faster than previously estimated.

The question is no longer 'if' global warming is occurring: it is, at an alarming rate. It no longer matters if global warming is 'man caused' or not; we are facing extinction, who caused it is irrelevant. How we blunt it or stop it is all important.

The Earth cannot avoid the impacts of Climate Change via actions at this late date; however, by quick action many of the impacts can be blunted and extinction avoided. What faces mankind is a changing physical world, dramatic drops in population, adoption of different economic and political systems, and a dramatic alteration in our lifestyles. Each person on the planet should understand this report and its ramifications.

Most peoples of the world have not had the opportunity to become science literate; while many others, with the opportunity, have opted to remain science illiterate. Thus, a very small proportion of the world's human beings have the scientific education required to understand the data presented in the IPCC AR6 report or understand the ramifications of those data. Trust in the findings of the scientifically educated is now required to avoid extinction. It is difficult for most to accept the grim predictions of the scientists because they do not fit the plans people had for their, or their issue's, future or the commonly held vision of what is now, fantasy Earth. In short; the peoples of the world must undertake the difficult mental task of separating their brain's fantasies from the Earth's realities. The Grizzly Protocol presented below summarizes the minimum actions needed by mankind to blunt the major impacts of global warming and avoid extinction.

**United Nations Intergovernmental Panel on Climate Change
AR6 Synthesis Report: Climate Change 2022*

https://www.ipcc.ch/report/ar6/wg1/downloads/report/IPCC_AR6_WGL_SPM.pdf