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Global Climate Change is rife with catastrophic problems paired with significant opportunities. It requires answering the following complex questions: “What technologies and economic policies can address Global Climate Change’s most dangerous short- and long-term dangers, and what are those dangers? And how might our economies thrive, and individuals profit, from various solutions? My goal, along with The Economic Utility Group, is to help people navigate and profit from these complexities while mitigating Global Climate Change’s effects.

Integrating the levels listed below can put Global Climate Change into context and can help sort through the various consequences, mitigations, and potential profits. e.g., How should we price Carbon Fees and what solutions might be efficacious, with what values, and when?

Science: **GCC costs:** What might be the most dangerous short-term GCC consequences?
Technology: **Costs of green alternatives:** What are the possibilities for greener energy?
Economics: **Manage impacts:** How might we manage transitions to greener energy, while improving living standards, growing economies, and generating profits?
Education: **Politics:** How might we educate the general public and legislators regarding the GCC threats to them, their families, and to businesses?
Action: **Personal:** What practical actions can individuals take to address GCC?
Morality: **Ultimate:** How might we instill stewardship of the Earth into general morality and religion, such that it becomes as important as helping others (which it is)?

There have been tangible improvements at all of these levels, even as we have only just begun. There are plausible and profitable solutions on the horizon, but which ones, how, and when?

Prior to addressing Global Climate Change, I have spent my career simplifying, improving and optimizing complex systems. For example:

A design and implementation for an early microcomputer (before the Apple II, PCs and Macs):
 Silicon Valley Homebrew Computer Club

A protocol for parallel computing across nineteen university campuses:
 Computer-science professor in the California State University

Computational fluid dynamics (initial simulations of airplanes flying to optimize their designs):
 NASA

Simplifications of personal computing (including intuitive features in Apple’s Mac OS X):
 Advanced Technology Group (i.e., “Apple Labs”)

Improvements to the performance of the fastest supercomputers (six different times):
 NASA; Apple; Cray Research; SGI; Compaq; HP; and IBM

Improvements for protein identification, employing advanced spectral analysis and genetic algorithms to improve mass-spectrometer resolution:
 Veritomyx (founder and CEO)

On other notes: I am an avid New England folk dancer (contra dance), a waltz instructor, and an expert on easily implemented Windows and Mac data-protection and business-continuity.