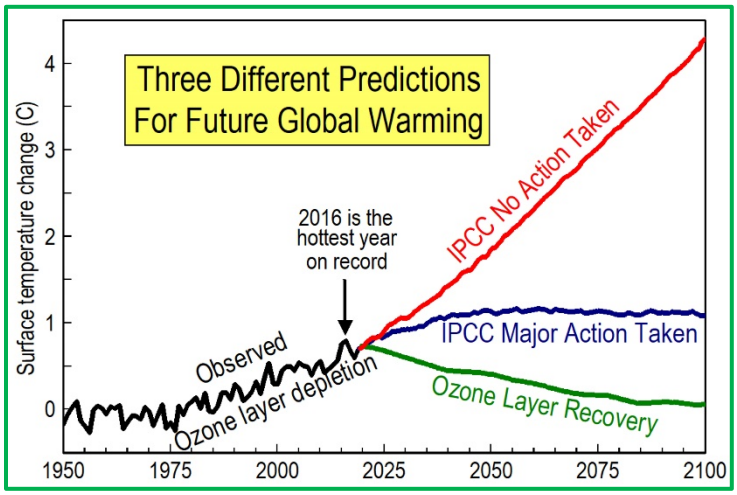
Greenhouse-warming theory is rapidly becoming the most expensive mistake ever made in the history of science

- Greenhouse-warming theory is built on the assumption that Earth is warmed when increasing emissions of greenhouse gases absorb more infrared radiation from Earth.
- But no body of matter can be warmed by absorbing its own radiation. If that were possible, we would have an endless supply of free thermal energy.
- Clear unambiguous observations of heat in Nature show that heat does not physically flow in the ways assumed by greenhouse-warming theory.
- Major warming predicted in future decades by the Intergovernmental Panel on Climate Change (IPCC), using computer models based on greenhouse-warming theory, cannot and will not happen.



- We may burn fossil fuels safely provided we minimize pollution.
- Climate scientists, naturally defensive of their life's work, refuse to consider this newly-recognized but remarkably clear physical reality.
- I have challenged thousands of leading climate scientists to find any error on the web page Physically-Impossible.com that could change these conclusions. No one has.
- As Mark Twain quipped: "What gets us into trouble is not what we don't know. It's what we know for sure that just ain't so."

Observed global warming is explained in detail by depletion of the ozone layer

- Warming since 1950 and throughout Earth history can be explained in detail by depletion of the ozone layer, allowing more of Sun's hottest radiation to reach Earth.
- Humans caused global warming of 1.1°F from 1970 to 1998 by manufacturing chlorofluorocarbon gases (CFCs) that depleted the ozone layer.

- CFC gases are broken down by solar ultraviolet radiation, releasing atoms of chlorine.
- One atom of chlorine can cause destruction of 100,000 molecules of ozone.
- Humans stopped the increase in warming by passing the United Nations Montreal Protocol mandating major cutbacks in production of CFC gases.
- It will take decades, however, for the ozone layer to recover fully.
- Depletion of the ozone layer is also caused by extrusion of basaltic lavas such as those observed in Hawaii, Iceland, and the East African Rift.
- Very rapid warming of 0.5°F occurred from 2014 to 2016 associated with eruption of Bárðarbunga volcano in central Iceland, the largest basaltic lava eruption since 1783.
- Basaltic lavas release ten times more chlorine and bromine that explosive magmas.
- Throughout Earth history, the larger the basaltic lava flow covering hundreds to millions of square miles, the greater the warming and the greater the mass extinctions.
- The good news, however, is that warming from basaltic lavas normally lasts only a few years after eruptions stop and very large basaltic eruptions are quite rare.

Details explained at

- Scientific paper: Heat does not physically flow in the ways assumed by greenhouse-warming theory
- Scientific paper: Ozone depletion explains global warming
- Website: WhyClimateChanges.com with more than two dozen 5 to 10-minute videos
- Book: *What Really Causes Global Warming? Greenhouse gases or ozone depletion?*

Dr. Peter Langdon Ward earned a BA at Dartmouth College and a PhD at Columbia University in geophysics. He worked 27 years at the United States Geological Survey, leading a group of more than 140 scientists and staff and playing a lead role in establishing and initially leading a major national research program. He chaired a committee at the White House, worked on a committee for Vice President Gore, and testified before Congress in 2004 and in 1978. He earned two national awards for explaining science to the public. He and his work were featured on Good Morning America. More details about Ward can be found at WhyClimateChanges.com/About.

Ward has worked full time in retirement, at his own expense, since 2006, carefully reexamining all the evidence and theories for why climate has changed throughout Earth history.

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