

What Are the Real Lessons Concerning Climate Change?

Few doubt that there have been and continue to be changes in climatic conditions, but it is very important to consider the causes of such climate change. With data that indicates that the current warming is not isolated in history, what causes climate warming? In this session, we will look at promising lines of investigation conducted by a number of researchers and examine carefully some of the climate modelling of the Intergovernmental Panel on Climate Change (IPCC). How much evidence do we have that humanity is impacting the world climate?

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1. Historical examples of climate change according to Scripture

- A. Major changes
- B. Localised changes

2. Some important issues

- I. The shrinking and growth of the ice caps at the Poles
 - A. Arctic
 - B. Antarctic
- II. How do you make an Ice Age?
 - A. NOT very cold winters
 - B. A combination of mild winters and cool summers and very large precipitation.
 - C. Milankovitch cycles – what are they and do they work?
 - D. Alternative thesis of a single catastrophe with one ice age

3. Looking at the Ice Core data from Greenland and Antarctica

- I. Interpretation of Ice Core data within the classical secular framework
- II. Interpretation of Ice Core data within a single catastrophic framework and aftermath
- III. Global mean temperature graphs
 - A. Hockey stick graph of Mann et al
 - B. Corrected temperature graph
 - C. Historical records
 1. Records of Roman Times
 2. Mediaeval warm period – Vikings
 3. Little Ice Age
- IV. Some surprising results
 - A. Temperature rise and CO₂ rise....
 - B. Temperature of individual land masses
 - C. Correlations with solar activity
 1. Continental temperatures
 2. Sea level changes

4. IPCC Reports and modeling strategies

- I. Global temperature graphs
- II. NASA predictions and reality
- III. IPCC models and role of sensitivity factors

5. So what may be causing global climate changes?

- I. *Indirect* effect of Total Solar Irradiance and Solar Cycle

- II. The possible correlation of cloud cover with cosmic radiation

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Abstract:

That there has been and continues to be changes in climatic conditions, few doubt, but what is very important to consider is what are the causes of such climate change. In looking back at historical records, it is very important to be aware that a raft of assumptions are being made in the interpretation of Greenland and Antarctica ice cores and other evidence. Though the prevalent view in secular thinking is of many ice ages spread over hundreds of millennia, careful analysis of the evidence shows that it is in fact consistent with a single major cataclysm followed by a single ice age. It is also shown that the current warming is not an isolated occurrence and that there are some indications of earlier warm periods.

What causes climate warming? We look at promising lines of investigation conducted by a number of researchers, and examine carefully some of the climate modelling of the IPCC.

Though man should not pollute the environment and is under the Edenic command to act responsibly in stewardship of the planet, the evidence is slim that humans can affect, let alone control, the world climate. This talk looks carefully at the climate science and concludes that the evidence indicates it is not man that controls it. Scripture and history show that God has many times used climatic disasters to show His sovereignty, has judged the world with a worldwide flood in the past, and will judge this present world by fire.

Suggested Readings:

Michael Oard “The Frozen record – Examining the Ice Core History of the Greenland and Antarctic Ice Sheets”, ICR Technical Monograph, Institute for Creation Research, Texas, 2005

Robert Carter, “Climate: The counter Consensus,” Stacey International, 2011

Gordon Wilson, “A different shade of green,” Canon Press, 2019

Vardiman, L., “A new theory of Climate Change,” ICR (Institute for Creation Research), Texas, 2005

Shaviv, N.J. “Using the oceans as a calorimeter to quantify the solar radiative forcing” Jnl Geophysical Res., Vol. 113, A11101, 2008 doi:10.1029/2007JA012989

Howard, D., Shaviv, N.J. and Svensmark, H. “The solar and Southern Oscillation components in the satellite altimetry data” Jnl Geophysical Res. Space Physics, Vol. 120, 3297-3306, May 2015
doi:10.1002/2014JA020732