

The New Religion of Global Warming and its Misconceptions in Science

Nils-Axel Mörner*

Paleogeophysics & Geodynamics, Stockholm, Sweden

*Corresponding Author: Nils-Axel Mörner, Paleogeophysics & Geodynamics, Stockholm, Sweden, E-mail: morner@pog.nu

Citation: Nils-Axel Mörner (2015) The New Religion of Global Warming and its Misconceptions in Science. J Relig Stud Budd Liv 1: 001.

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Abstract

The anthropogenic, CO₂-driven, Global Warming (AGW) has taken the world by storm, and grown into a new 'religion'. It is built on false premises, however. It violates the physical law of a logarithmic relation between atmospheric CO₂ content and temperature, and it ignores actual temperature measurement and related observational facts. The calculated temperature changes from 102 AGW-models lie above measured values by a factor of three. It leaves us with the conclusion that the AGW-idea is a heresy. This implies that the temperature and sea level threats by year 2100 are illusive scare stories. General environmental concern, on the other hand, is of utmost importance for a good future life on Planet Earth.

Keywords: Global warming; CO₂-driver; New religion; Geoethics; Observational facts; Physical laws

1. Introduction

Empirical natural science led to a successively improvement of the understanding of the evolution of Planet Earth and Life on this planet. We still are in the stage of learning more and more; the horizon widens and the light increases. And so it will probably continue for as long as there are humans on Planet Earth.

When Darwin [1] was able perfectly convincingly to document a successive long-term evolution of the species on the Earth, it meant a revolution not only in natural sciences, but also in religion and philosophy. The Biblical instantaneous creation by God was seriously – and scientifically very successfully – challenged. The 20th century in Europe is characterized by a general decrease in religious believe, and an increase in atheism. Substitutes emerged; communism, materialism, general ignorance, etc.

But people needed something to hang on to and believe in [2]. Environmentalism became a new and very important substitute. In line with this, the GAIA theory was presented by Lovelock [3]. Indeed, our environment needs to be appreciated for what it is, and, by all means, to be taken care of, So far, so good.

2. The IPCC Project

The Intergovernmental Panel on Climate Change (IPCC) was launched in 1988 with the goal to verify a CO₂-driven rise in global temperature (Global Warming), initiate restriction so that the global atmospheric CO₂ content was to become lowered.

Neither observational facts, nor physical laws support such a claim; however [4 – 6], as further discussed in Section 3 below.

None the less, the idea gained room and even took over the scene. In this process the IPCC-proponents used (1) scaremongering of a disastrous rise in temperature and a catastrophic rise in sea level, which soon would lead to extensive flooding of low-lying coasts and islands, (2) very effective lobbyists to spread the message, and (3) extensive computer modelling set up to prove the case.

This led to the establishment of a new CO₂-driven global warming religion. The basic idea was that the globe was at stake, and all efforts had to be liberated in order to save the world. It formed the base for the Kyoto protocol of 1997, like the COP 21 December-2015 meeting in Paris.

A mass movement was initiated, and spread like a wildfire over the globe, carried both by political opportunism and environmental “save the world” forces. In this general hysteria, the real facts became set aside. Lovelock [7] spelled it out very well: “Environmentalism has become a religion and does not pay enough attention to facts”.

3. Relying on Models, Not Observational Facts

The base of the IPCC project is the idea that recent rise in temperature is a function of the atmospheric rise in CO₂ due

to the burning of fossil fuel [8]. Therefore, this concept is termed Anthropogenic Global Warming (AGW).

In natural science, we must respect physical laws, accumulated knowledge and, not least, observational facts (e.g. geology) obtained in nature or in firm laboratory experiments (e.g. physics and chemistry).

The AGW-hypothesis violates both the physical law of a logarithmic (not linear) relation between CO₂ content and temperature [9], actually measured changes in temperature [10, 11] and the effects of planetary-solar-terrestrial interaction [12, 13].

From the late 1950s up to 2015, global mean temperature rose by $+0.5 \pm 0.1^\circ\text{C}$ [10]. This change in temperature was three-folded; falling 1957-1977, rising 1978-2002, and falling 2003-2015. At the same time the atmospheric CO₂ content steadily rose by 80 ppm. The three-folded change in temperature and the steady increase in CO₂ directly preclude any linear correlation. Instead it suggests that there must be another main driving force, and we know what this factor is; viz. solar variability [12, 13].

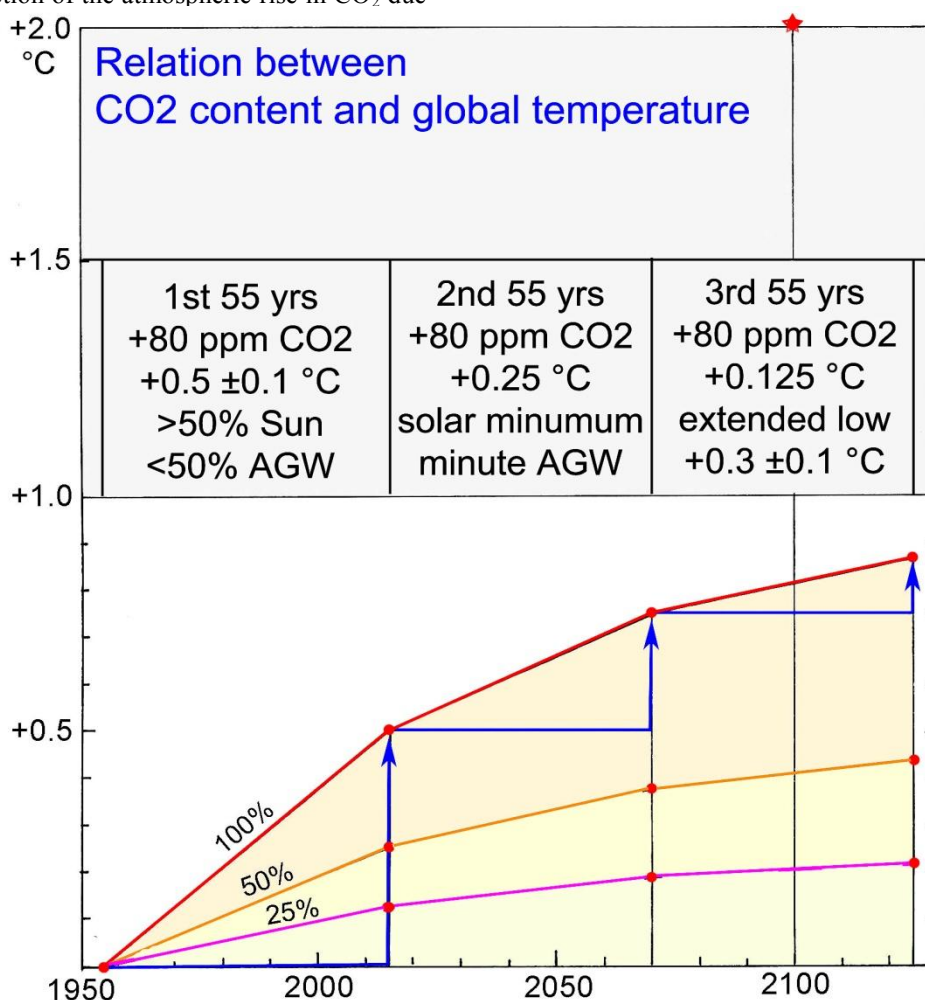


Figure 1. The future evolution of global temperature for each additional 80 ppm step of increase in atmospheric CO₂ (blue arrows) under the assumption that the rise in temperature during the past 55 years (1957-2015) were due to the CO₂ increase by 100% (which cannot be the case), by 50% (which some authors claim) or by 25% (modified from Mörner, [14]). The corresponding rise in temperature by year 2100 would be $+0.875^\circ\text{C}$, $+0.4^\circ\text{C}$ and $+0.2^\circ\text{C}$, respectively – all values well below the magic $+2.0^\circ\text{C}$ level (red star) set by the IPCC and related international bodies.

Figure 1 illustrated the effects of a logarithmic change in temperature at three 80 ppm steps in CO₂ content [14]. If the entire +0.5 step in global temperature from 1957-20015 was driven by CO₂, there would be a temperature rise of +0.875°C by 2100, which is far below that magic +2°C level discussed at the COP21 meeting in Paris, 2015. The true effect of CO₂ must be far less than +0.5°C, however; at the most 50% or even 25%. A logarithmic doubling of these

level would, by 2100, only have increased to +0.4 and 0.2°C, respectively. Such a low AGW effect (i.e. +0.3 ±0.1 °C by 2100) poses no problems, what so ever, to global environment.

In addition, the Sun will experience a new Grand Solar Minimum around 2030-2040 with cold climatic conditions [15].

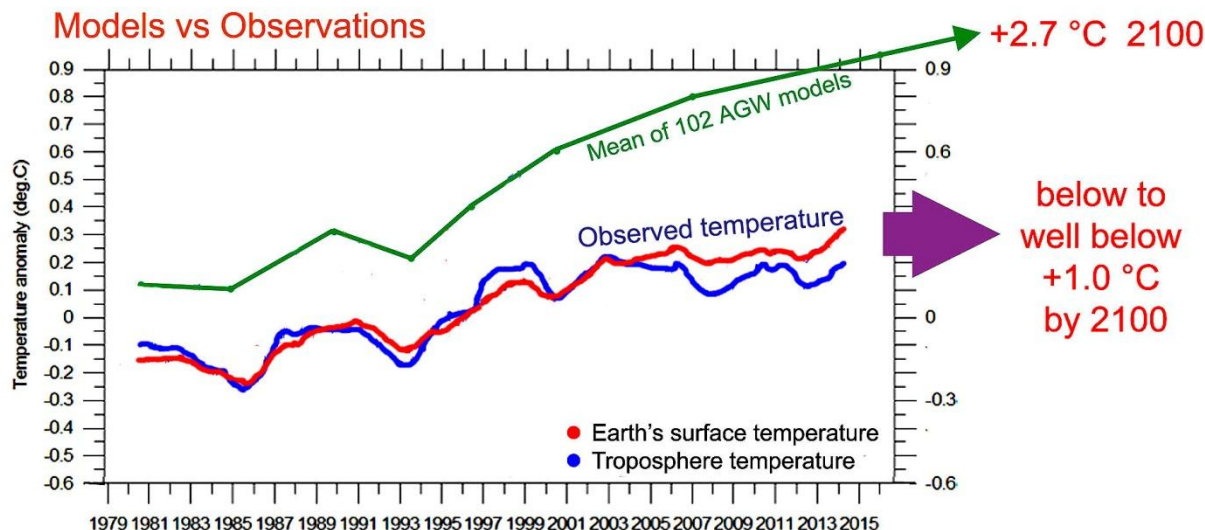


Figure 2. Comparison between the mean of 102 AGW models [16] and the measured temperature on Earth’s surface (red) and in the troposphere (blue) according to Humlum [10]. By year 2100, the model mean would give a rise in temperature of +2.7°C, whilst the measured values would give a value well below +1°C (modified from Mörner, [6]).

All this is totally ignored in the IPCC scenario and its 102 AGW models. Therefore, it is not strange that their models totally disagree with observational facts. This is illustrated in Figure 2, where the mean of the 102 AGW-models of the IPCC is compared with the true measured changes in global temperature; at the Earth’s surface, as well as up in the troposphere. The difference is in the order of a factor of three. If extrapolated to 2100, the mean of the 102 AGW models would give a value of +2.7°C (the claim and focus of the COP21 meeting), whilst the measured records would give a value well below +1°C [16].

Models must be based on available observations and physical laws, and when models do not agree with observational facts, it must be the models; we have to discard [16, 17].

4. Geoethics

The principles of ethics – to know what is right and what is wrong – are simple. They are deeply rooted in our cultural heritage and education and personal integrity. To live up to

those principles is another thing: here we often fail badly. The ethical principles that refer to nature and natural sciences are covered by the term “Geoethics”.

In 2015, we established an Independent Committee on Geoethics (<http://geoethic.com>) with the mission to drive these questions in science and society, and “to speak up and “use the sword of truth” when scientific facts, observational evidence and physical laws are being set aside, and when geoethical principles are violated” [17].

Therefore, the IPCC models – and by that the new CO₂-driven global warming religion – have to be classified as totally misleading, of anti-science character and violating geoethical principles [8, 17].

5. Conclusions

With growing scientific awareness, the actively professing to old religions decreased during the last centuries; at least within the Christian Church. We may cite a wide variety of new substitutes. One of the most extensive and successful is the “CO₂-driven Global Warming Religion”.

In this paper, I have tried to demonstrate that the CO₂-driven global warming concept of the IPCC, is “just hot air” (to use the wording by Crichton, [18]), providing dangerously misleading threats of future changes in temperature and sea level.

The global warming concept and the global religion it has generated are not founded on science as stated, but rather on its opposite; anti-science.

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6. Acknowledgements

We cannot compromise with observations and physical laws. Therefore, I have had to try to reveal the errors in the basic IPCC concept of a CO₂-driven Global Warming. The tragedy is that the concept has spread so uninhibitedly. If I can exercise nothing but disgust for those producing this illusive concept, I have all respect, even admiration, for all those consumers who just try to save the world (I would have done the same, had the concept been correct).

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