

## **Why a new look at current climate science and carbon dioxide is necessary**

**Summary:** IPCC scientists did not take into account all of the science available to them when in 1990 they proclaimed warming by CO<sub>2</sub> is amplified by water vapor and CO<sub>2</sub> is the cause of global warming. When all of the relevant data is considered, it is clear the sun controls all of the Earth's climates.

**Discussion:** The scientists who wrote the following section on page xxvii of the IPCC First Assessment Report (FAR) did not take into account all of the science that was available at the time when they claim:

“The simplest of these feedbacks arises because as the atmosphere warms, the amount of water vapor it holds increases. Water vapor is an important greenhouse gas and will therefore amplify the warming.”

They did not use the gas laws of Boyle from 1662 and Charles/Gay-Lussac from 1787 and the psychrometric chart by William Carrier from 1904 all of which were available.

After publication of the FAR in 1990, measurements of back radiation became available for many places around the Earth. The authors of the IPCC Fifth Assessment Report (AR5) in 2013 on page 667 did not take into account the gas laws, the psychrometric chart, back radiation or AccuWeather on a smartphone (2007) and made the following comments similar to the 1990 claims:

“Therefore, although CO<sub>2</sub> is the main anthropogenic control knob on climate, water vapour is a strong and fast feedback that amplifies any initial forcing by a typical factor between two and three. Water vapour is not a significant initial forcing, but is nevertheless a fundamental agent of climate change.”

A new paper titled: *A new look at current climate science and carbon dioxide* takes into account the relevant science. It provides evidence water vapor does not amplify warming by CO<sub>2</sub> and CO<sub>2</sub> does not control atmospheric temperature and cause climate change. It applies the gas laws to the gases in the atmosphere, a psychrometric program to measure the amount of water vapor in the atmosphere, back radiation that controls Earth's many climates from the Poles to the Tropics and AccuWeather on a smartphone enabling recording of atmospheric temperature and relative humidity at 20 widely spaced locations at the same time. Back radiation is mostly from water vapor and is directly related to the sun angle thereby indicating the sun controls the Earth's many climates.

Government policies based on IPCC science related to CO<sub>2</sub> are hurting the environment and people. For example, extensive environmental damage is being done in the southeastern U. S. by clear cutting large tracts of forest to provide wood pellet fuel to a former coal-fired power plant in England. See “Burned: Are trees the new coal?” available at <https://burnedthemovie.com/>.

Climate scientists are invested heavily in CO<sub>2</sub> as the cause of climate change and are dismayed at the thought they have promoted the wrong answer for three decades. Nevertheless, in the long run, the right answer will prevail for the benefit of the entire World population. See the Two page summary or the full paper for more information. It is clear why a new look is necessary.

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September 16, 2019