

FOS MEMBERSHIP QUARTERLY NEWSLETTER
No. 29

“FOS is dedicated to providing the public with insight into Climate Change”

PRESIDENT’S MESSAGE

Calgary has just experienced the 38th coldest winter since 1900 and the 9th snowiest. Global temperatures are presently at levels which occurred some 30 years ago ([here](#)). These temperatures are consistent with natural forces associated with such phenomena as the Pacific Decadal Oscillation (PDO) and sunspot cycles. Yet scientists from most Learned and Professional Societies and Institutions diligently pursue costly avenues supposedly designed to keep us from getting warmer. Shades of Brave New World!

The Friends have been active in encouraging rational discourse on climate change issues. Besides our routine efforts (maintenance and upkeep for two web pages, issuance of quarterly newsletters, responses to email enquiries concerning AGW science, distribution of FoS Extracts etc.) we have recently:

- Sponsored a Canada-wide “radio blitz” designed to encourage listeners to question the unnecessary costs of greenhouse gas reduction measures. The blitz extended over a two week period beginning on February 07 and was conducted not only in vote rich Ontario (London, Hamilton, Waterloo, Toronto, Ottawa) but also in Quebec (Montreal), the Maritimes (Fredericton) and last but not least Alberta (Calgary). A copy of the minute long sound file is attached. Results of the blitz were very positive with hits to our web page [here](#) increasing by over an order of magnitude.
- Collected monies to purchase and distribute 70 copies of Bob Carter’s very persuasive book entitled *Climate: The Counter Consensus* ([here](#).) This effort was initiated by Roger Edmunds and Lee Morrison who arranged to have the books mailed to people within Canada who are in a position to influence the public debate on climate change issues. An illustrative copy of the letter sent prior to the book to each recipient is attached.
- Arranged to have Professor Ian Plimer from The University of Adelaide as a speaker for our 8th annual luncheon which will be held on Monday May 16th (see attachment). He is an internationally recognized author and critic, who is perhaps best known for his book: *Heaven and Earth: Global Warming-The Missing Science* ([here](#)).

There are encouraging signs on the horizon. Governments of Alberta, Canada, United States, The Netherlands, Spain and other nations have begun to cut back on their financial support for AGW initiatives. This has predictably been met with much criticism from the alarmists. The Friends must strive to see these cut backs are enlarged, encouraged and defended. Our province and our nation should not be spending monies on hypothetical problems when we have actual problems that need addressing. We need better health care, better educational institutions, better transportation facilities etc. These are actual problems with known solutions but presently without adequate funding.

We are concerned about the environment and must continue to fight real pollution. But we must also continue our efforts to help the public recognize that alarmists are like the emperor who had no clothes. Once they are seen naked they will meet with embarrassment, disappointment and shame.

We will need your continuing moral and financial support to press home our recent advantages. These include maintenance of the new web page which is being widely advertised and the sponsorship of popular speakers such as Rex Murphy to address wider and younger audiences than presently attend our annual luncheons.

Douglas Leahey PhD
President Friends of Science

POLITICAL DEVELOPMENTS

United States: Republicans in Congress Attack Funding EPA and IPCC The Republicans in the House of Representatives are attacking the Obama Administration's climate policy on three fronts. First they voted to eliminate funding for the Intergovernmental Panel on Climate Change and the salary of the chief US climate negotiator. Then, in an effort to thwart the Environmental Protection Agency's attempt to regulate greenhouse gas emissions, they reduced the EPA's budget by 30% as part of an interim funding bill. Finally, bills have been introduced into both houses of Congress to stop the EPA from using existing pollution laws to reduce carbon dioxide. So far there has been no strong push back from the White House, causing some speculation that the President, facing re-election next year, is prepared to acquiesce to a moratorium on greenhouse gas regulation by the EPA.

Climategate Revisited: One of the most notorious Climate-gate emails to be released from the Climate Research Unit of the University of East Anglia, UK, was the email from Phil Jones. He wrote:

"Mike can you delete any emails you may have had with Keith re AR4? Keith will do likewise. ... Can you also email Gene and get him to do the same? I don't have his new email address. We will be getting Caspar to do likewise." Michael Mann of Penn State University replied by email dated 29 May 2008: "I'll contact Gene about this ASAP." Gene is Eugene Wahl, currently an NOAA scientist.

The request to delete emails came after a Freedom of Information Act (FOIA) requests from David Holland on 5 May 2008 and 27 May 2008 requesting information related to the IPCC review process, including email correspondence. These emails are subject to FOIA, and deleting them is illegal. Fred Pearce (one of Britain's finest science writers) described the emails as "back-channel communications that were a direct subversion" of IPCC policies of openness and transparency.

The UK House of Commons Science and Technology Committee reported that the emails show "There is prima facie evidence that CRU has breached the Freedom of Information Act 2000."

The Independent Climate Change Email Review (ICCER), chaired by Sir Muir Russell reported "There seems clear incitement to delete emails, although we have seen no evidence of any attempt to delete information in respect of a request already made." The emails show that this finding is false. Sir Russell refused to ask Phil Jones if he deleted any of the emails.

The Penn State University initiated an inquiry to investigate possible research misconduct in response to many complaints and accusations against Professor Michael Mann, who is an IPCC lead author. A primary allegation listed in the report was "Did you engage in, or participate in, directly or indirectly, any actions with the intent to delete, conceal or otherwise destroy emails, information and/or data, related to AR4, as suggested by Phil Jones?".

The inquiry concluded "After careful consideration of all the evidence and relevant materials, the inquiry committee finding is that there exists no credible evidence that Dr. Mann had ever engaged in, or participated in, directly or indirectly, any actions with intent to delete, conceal or otherwise destroy emails, information and/or data related to AR4, as suggested by Dr. Phil Jones."

Dr. Eugene Wahl told the NOAA Inspector General this year that Dr. Mann forwarded him an email request from Dr. Phil Jones to delete emails related to the IPCC 4AR in violation of FOIA laws, and in response Dr. Wahl deleted those emails. He told the inspector "I did delete the emails." Dr. Ross McKittrick explains that the deleted emails show that "IPCC Lead Authors toss the [IPCC] rules and engage in unrecorded, backroom re-writing of key sections of disputed text with the help of partisan authors whose involvement as contributors or reviewers is not revealed in the report."

Dr. Michael Mann claimed on March 9, 2011 that it has been "known for a year and half" that he forwarded Jones' delete request to Wahl. Sending the delete request was "direct or indirect" participation in "actions with intent to delete, conceal or otherwise destroy emails, information and/or data related to AR4", in violation of FOIA laws. Wahl's recent admissions to the NOAA Inspector General show that the Penn State Inquiry findings were objectively incorrect, and if the Penn State Inquiry knew about Dr. Mann's actions, they knew their findings were incorrect.

Ian Cameron and Ken Gregory
Directors Friends of Science

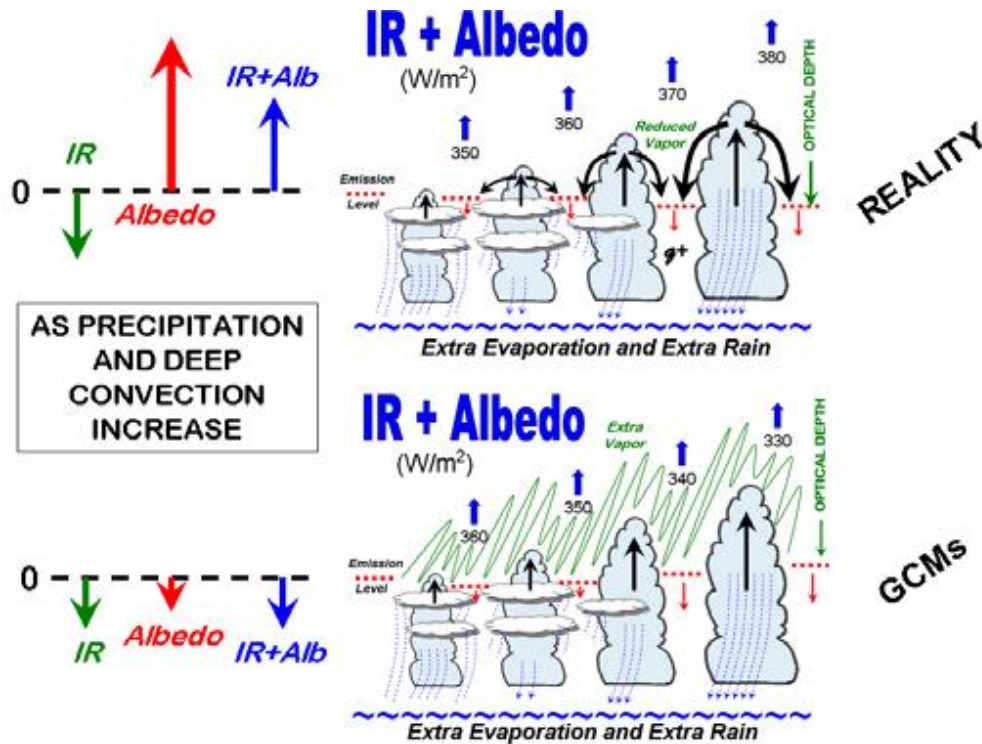
Science News

Most climate scientists agree that a doubling of the amount of CO₂ in the atmosphere would increase global temperatures by about 1.1 degree Celsius if everything else is held constant. Unfortunately, this is an extremely misleading statement because most people would think that holding everything else constant mean just holding the water vapour profile, cloud cover and albedo constant. But the 1.1 °C temperature increase requires holding evaporation, precipitation and convection constant, which directly violates laws of physics. Evaporation is a very powerful negative feedback, but it is not even listed as a feedback in the IPCC 4th Assessment Report chapter 8 which discusses feedbacks. Evaporation increases when temperatures increase. About half of the solar radiation energy absorbed by the Earth's surface is transferred to the upper atmosphere by evaporation where it can escape to space. Allowing for evaporation and convection, CO₂ doubling would cause at most a 0.5 °C temperature rise if water vapour content and cloud cover did not change. A 0.5 °C temperature rise doesn't seem alarming.

Satellite measurements show that a 1 °C rise in temperature increases evaporation and precipitation by 6%, but climate models are programmed to increase evaporation by only 2% per °C temperature rise. Climate models' evaporation response is only one-third of that measured by satellites. This issue is discussed in a paper "Clausius Clapeyron and the Regulation of Global Warming" by Dr. William Kininmonth of the Australasian Climate Research Institute (See the paper [here](#)).

A new paper by Dr. William Gray and Barry Schwartz of the Colorado State University titled "The Association of Albedo and OLR with Variations of Precipitation" shows that climate models underestimate the change in evaporation and precipitation with warming and overestimate water vapor and cloud feedbacks, so they project far too much global warming. (See the paper [here](#).)

The authors analyzed changes in albedo and infrared radiation associated with rainfall variations using 21 years of satellite data. Precipitation can be measured by satellites, which is very close to the amount of evaporation when averaged over a month. The study finds that in areas of heavy rainfall, the albedo cooling is much stronger than the reduction in outgoing longwave radiation (OLR). Increasing updrafts in storm clouds act to increase large return downward air flows around the cloudy areas. The downward air flows cause a reduction in humidity in the upper atmosphere which leads to enhanced radiative cooling to space. These observations are opposite to the assumptions built into climate models as illustrated below.



Evaporation and precipitation increases with warming leads to decreases in upper atmosphere water vapour content. This is confirmed by thousands of weather balloon radiosonde measurements which show declining trends of specific humidity. The amount of water vapour in the upper atmosphere at 9 km altitude (400 mbar air pressure level) has declined by 13% since 1948.

The data shows that the upper tropospheric temperatures increase very little for increased rates of precipitation. The authors conclude **“We do not find a positive water vapor feedback as do the GCMs, but rather a weak negative water vapor feedback.”** They estimate CO₂ doubling will cause only 0.3 °C warming, less than a tenth of the average of 19 climate model projections of 3.2 °C.

Ken Gregory
Director, Friends of Science

DONATIONS

To accomplish our educational goals we need financial help from our members. I realize that these tough economic times are not conducive to many charitable donations, but in order to get life back onto a normal stream we need to raise important questions – **this debate matters, and it starts with you.** Please go to www.friendsofscience.org and make your contribution; on the upper right of the home page.

Donations made directly to Friends of Science will provide us with funds for administrative expenses which are sorely needed in order to back up our volunteer work force and for other planned activities including luncheons and the sponsorships of high profile speakers to address student bodies and other gatherings.

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