

THE DELIBERATE  
**CORRUPTION**  
OF CLIMATE  
SCIENCE



Tim Ball, PhD



PHIL JONES

## CHAPTER ELEVEN

### What Else Did We Learn From the Leaked Emails?

George Monbiot of *The Guardian* (UK) was among the first mainstream media to express concern about the content of some leaked emails and the story they told:

*I am now convinced that they are genuine, and I'm dismayed and deeply shaken by them.* [\[148\]](#)

He was reacting to corruption on an unprecedented scale exposed in the leaked emails. It appears he was only concerned about being fooled because he later appeared in denial of the extent of the deception. He appears like most unable to believe what was done. People generally find it hard to believe the extent to which a few scientists controlled climate science. It is likely encompassed by the adage that no one person or even a small group can change the world. It began with limiting the research and researchers involved with the IPCC. Then it reduced to the people at the CRU and a few trusted associates. We have a specific measure of most of them.

Individuals and groups joined and for various reasons most were unaware of the overall objective laid out by Maurice Strong, the Club of Rome and then UNEP. Many scientists became involved because of research funding. The funding and a political agenda attracted a few. A majority of people and groups participated because of the new paradigm of environmentalism. All the attractions made people vulnerable, as Strong and others knew. It was a classic exploitation of human nature, especially the weaknesses.

The U.S. Congress Chairman of the Committee on Energy and Commerce and the Chairman of the Subcommittee on Oversight and Investigations appointed Professor Wegman to head an independent investigation of the “hockey stick” dispute:

*In general, we found MBH98 and MBH99 [the original hockey stick papers by Mann, Bradley and Hughes] to be somewhat obscure and incomplete and the criticisms of MM03/05a/05b (by McIntyre and McKittrick) to be valid and compelling.*

However, in a most remarkable and detailed analysis the report found:

*In our further exploration of the social network of authorships in temperature reconstruction, we found that at least 43 authors have direct ties to Dr. Mann by virtue of coauthored papers with him. Our findings from this analysis suggest that authors in the area of paleoclimate studies are closely connected and thus ‘independent studies’ may not be as independent as they might appear on the surface.*

Wegman went further:

*It is important to note the isolation of the paleoclimate community; even though they rely heavily on statistical methods they do not seem to be interacting with the statistical community. Additionally, we judge that the sharing of research materials, data and results was haphazardly and grudgingly done. In this case we judge that there was too much reliance on peer review, which was not necessarily independent.*

Michael Mann couldn't understand the fuss:

*“What they’ve done is search through stolen personal emails—confidential between colleagues who often speak in a language they understand and is often foreign to the outside world,” Penn State's Michael Mann told Reuters Wednesday. Mr. Mann added that this has made “something innocent into something nefarious.”* [\[149\]](#)

The key comment here is *foreign to the outside world*. That is the obscurity they relied on in their larger public dealings. They knew few would understand and they could marginalize those who did and dared to point it out:

*Phil Jones, director of the CRU appeared to have a different view. “My colleagues and I accept that some of the published emails do not read well. I regret any upset or confusion caused as a result. Some were clearly written in the heat of the moment, others use colloquialisms frequently used between close colleagues...”*

It is a partial excuse, but relies on most not understanding. This chapter will detail what they said and how it was rarely in the heat of the moment. The only heat occurred when somebody did or said something they didn't like. [\[150\]](#)

Some still deny the extent and impact of what the CRU and their supporters did. Although fully orchestrated, most participated unaware of the scientific deception, lured by funding, employment and sometimes prestige. A few saw it as part of the big green lie that has pushed environmentalism. [\[151\]](#) Others saw it is as a big lie on its own. [\[152\]](#) They knew exactly what they were doing because if they were dealing with the truth they wouldn't have needed the Palace Guard they created.

True, the scale and extent appears unbelievable. However, I know it's believable because I watched it develop and grow. Particularly since 1985 when the conference in Villach Austria conjoined the CRU with the fledgling Intergovernmental Panel on Climate Change (IPCC).

Tom Wigley and Phil Jones, both Directors of the CRU, attended but were already developing the phony climate science Maurice Strong needed to pursue his goal of destroying western economies. For example, in a 1983 article Wigley was convincing climate science of a falsely low pre-industrial level of CO<sub>2</sub>. Early attempts to challenge what they were doing followed normal academic processes with no effect. For example, I wrote a book review based on the bad science. [\[153\]](#)

Wigley was central to what went on. He took over the CRU from Hubert Lamb who reports in his autobiography, *Through All the Changing Scenes of Life* that he set it up because:

*...it was clear that the first and greatest need was to establish the facts of the past record of the natural climate in times before any side effects of human activities could well be important.*

There was a conflict almost immediately. As Lamb wrote:

*The research project which I put forward to the Rockefeller Foundation was awarded a handsome grant, but it sadly came to grief over an understandable difference of scientific judgment*

*between me and the scientist, Dr. Tom Wigley, whom we appointed to take charge of the research...*

*The scheme had been to extract the information given in the wealth of descriptive reports of the nature of individual past seasons...*

*My plan was that these reports should be entered on maps of the reported weather character that prevailed in the individual seasons...*

This conflict is central to the problem with climate research today. We have less data now than when Lamb identified the problem and mostly due to the shift in ideology and emphasis. Lamb identified the problem with Wigley and ultimately the CRU and the IPCC:

*My immediate successor, Professor Tom Wigley, was chiefly interested in the prospects of world climates being changed as result of human activities, primarily through the burning up of wood, coal, oil and gas reserves...After only a few years almost all the work on historical reconstruction of past climate and weather situations, which first made the Unit well known, was abandoned.*

Wigley and his graduate students were instrumental in the application of computer models, but as Lamb knew they were only as good as the data on which they were built. They were and continue to be a disaster, while Lamb's work and the studies it engendered, prove prescient.

The big change came when computer modelers took over climate science. They provided the ability to deal with large volumes of data for basic statistical analysis, but they were primarily focused on weather and later climate forecasting. There were earlier simple numerical models but the real impact came in the 1970s with the work of Syukuro Manabe. Bert Bolin, first Co-chair of the IPCC, provided an early warning about the limitations when he wrote:

*There is very little hope for the possibility of deducing a theory for the general circulation of the atmosphere from the complete hydrodynamic and thermodynamic equations.* [\[154\]](#)

This statement is still essentially true and part of the debate about climate-based strategy. In 1977 Abelson wrote about more apparent limitations:

*Meteorologists still hold out global modeling as the best hope for achieving climate prediction. However, optimism has been replaced by a sober realization that the problem is enormously complex.* [\[155\]](#)

I knew modeling global climate was impossible; apart from the inadequate surface and upper atmosphere database, computer capacity was and is still inadequate. At conference after conference, I watched modelers bully everybody. Models are the most corrupt part of the CRU and IPCC fiasco, an exposure yet to emerge. They produced the ridiculous ‘scenarios’ of disaster used to promote control through fear.

We’ve learned of data manipulation, publication and peer review control, and personal attacks on those who asked questions. Still to fully emerge is how they manipulated the computer models to reach a result that was not a simulation of nature, but proof that human CO<sub>2</sub> was causing global warming and climate change. As the IPCC and its model projections grew in power to dominate global energy policy, it drew increasing attention. This grew threatening and triggered the need for a Palace Guard to defend the CRU and thereby the IPCC. The emails gave insights into the structure, objectives and methods.

## **The Palace Guard**

A group of scientists established themselves as the palace guard for the bosses at the CRU. Michael Mann and Gavin Schmidt led and quickly earned reputations for nasty and vindictive responses. On December 10<sup>th</sup>, 2004 Schmidt gave the CRU gang a Christmas present:

*Colleagues, No doubt some of you share our frustration with the current state of media reporting on the climate change issue. Far too often we see agenda-driven “commentary” on the Internet and in the opinion columns of newspapers crowding out careful analysis. Many of us work hard on educating the public and journalists through lectures, interviews and letters to the editor, but this is often a thankless task. In order to be a little bit more pro-active, a group of us (see below) have recently got together to build a new ‘climate blog’ website: [RealClimate.org](http://RealClimate.org) which will be launched over the next few days:*

The group was Mike Mann, Eric Steig, William Connolley, Stefan Rahmstorf, Ray Bradley, Amy Clement, Rasmus Benestad and Caspar Ammann—they're familiar names to people who crossed them. Now the world knows. Evasiveness pervading the behavior recorded in the CRU emails was present at RealClimate (RC) and beyond.

Further, Schmidt elaborated:

*The idea is that we working climate scientists should have a place where we can mount a rapid response to supposedly 'bombshell' papers that are doing the rounds and give more context to climate related stories or events.*

The phrase *working climate scientists* frequently appears and typifies their arrogance. Unless you are one, you have no credibility or right to an opinion. It's similar to their peer review charge and establishes them as the elite.

On October 23<sup>rd</sup>, 2003, Ray Bradley illustrated how the group could defend itself through asserting moral and intellectual superiority.

*Because of the complexity of the arguments involved, to an uninformed observer it all might be viewed as just scientific nit-picking by “for” and “against” global warming proponents. However, if an “independent group” such as you guys at CRU could make a statement as to whether the M&M (McIntyre and McKittrick) effort is truly an “audit”, and if they say it right, I think would go a long way to defusing the issue. If you are willing, a quick and forceful statement from The Distinguished CRU Boys would help quash further arguments, although here, at least, it is already quite out of control.*

### **The Modus Operandi Involved the Mainstream Media**

Activities of these *working climate scientists* were not to answer questions about their work but to divert, distract, ignore and marginalize with lies about people and ideas. As Thomas Chase said:

*The single biggest scandal revealed in the emails from the Climatic Research Unit is the lengths they went to refuse outside requests to make data and methodology available over the course of years including discussions about resisting Freedom of Information Act*



requests. [\[156\]](#)

Here is a February 9<sup>th</sup>, 2006 email from Michael Mann that gives a flavor of this behavior.

*I see that Science (the journal) has already gone online w/ the new issue, so we put up the RC post. By now, you've probably read that nasty McIntyre thing. Apparently, he violated the embargo on his website (I don't go there personally, but so I'm informed). Anyway, I wanted you guys to know that you're free to use RC in any way you think would be helpful. Gavin and I are going to be careful about what comments we screen through, and we'll be very careful to answer any questions that come up to any extent we can. On the other hand, you might want to visit the thread and post replies yourself. We can hold comments up in the queue and contact you about whether or not you think they should be screened through or not, and if so, any comments you'd like us to include. You're also welcome to do a follow-up guest post, etc. think of RC as a resource that is at your disposal to combat any disinformation put forward by the McIntyres of the world. Just let us know. We'll use our best discretion to make sure the skeptics don't get to use the RC comments as a megaphone...*

Mann spread his views about McIntyre through Andrew Revkin of the New York Times. As recently as September 29<sup>th</sup>, 2009 he wrote:

*...those such as McIntyre who operate almost entirely outside of this system are not to be trusted.*

Jones did it when he defended his refusal to answer FOI's to the administration at the University of East Anglia. The emails from Revkin are disturbing and reveal unhealthy involvement and lack of journalistic integrity. No wonder he blocked use of the Climategate material in the newspaper when it appeared. It was not journalistic integrity; it covered his involvement. He finally resigned from the newspaper, but it appears to be a move to avoid the heat because he continues to produce material through a blog site and occasional articles in the NYT.

Schmidt notes:

*This is a strictly volunteer/spare time/personal capacity project and obviously nothing we say there reflects any kind of 'official' position.*

What hypocrisy, they were the official position. Many argue it wasn't very "volunteer/spare time" because Schmidt worked full time at NASA GISS. This is the game James Hansen and others play. He is Director of the NASA's Goddard Institute of Space Studies (GISS) when it suits and a private citizen when it suits. It's a duplicity that underlines the political nature of their activities.

## **Wikipedia—a Falsified Resource for Students and Media**

Perhaps the most insidious activity included controlling climate information through Wikipedia. When I ask students how many use Wikipedia for their research all hands go up. I know most media rely on it. Most don't know how the material was entered or edited. They are learning partly due to the activities of people connected to the CRU group.

William Connolley knew and exploited the opportunity. <sup>[157]</sup> A participant in computer modeling, his activities are shocking. <sup>[158]</sup> He established himself as an editor at Wikipedia and with a cadre (I use the term deliberately) of supporters he controlled all entries relating to climate, climate change and the people involved. This included putting up false material about skeptics. They constantly monitored the entries and rapidly returned to the original false information any attempted corrections. With so many people, they could easily circumvent the limit on the number of edits per person. Connolley as a designated editor had even more latitude. Here is how Lawrence Solomon described the activities:

*“All told, Connolley created or rewrote 5,428 unique Wikipedia articles. His control over Wikipedia was greater still, however, through the role he obtained at Wikipedia as a website administrator, which allowed him to act with virtual impunity. When Connolley didn't like the subject of a certain article, he removed it—more than 500 articles of various descriptions disappeared at his hand. When he disapproved of the arguments that others were making, he often had them barred—over 2,000 Wikipedia contributors who ran afoul of him found themselves blocked from making further contributions. Acolytes whose writing conformed to Connolley's global warming*

*views, in contrast, were rewarded with Wikipedia's blessings. In these ways, Connolley turned Wikipedia into the missionary wing of the global warming movement.*

The Medieval Warm Period disappeared, as did criticism of the global warming orthodoxy. With the release of the Climategate Emails, the disappearing trick has been exposed. The glorious Medieval Warm Period will remain in the history books, perhaps with an asterisk to describe how a band of zealots once tried to make it disappear.

Wikipedia eventually removed Connolley as editor, but not permanently as he later was reinstated only to continue his activities. [\[159\]](#) His actions underline the level of control and misdirection the CRU people and the Palace Guard practiced. As the German magazine *Die Kalte Sonne* reported in January 2013, *Unbelievable but true: The Wikipedia umpire on Climate Change was a member of the UK Green Party and openly sympathized with the views of the controversial IPCC. So it was not a referee, but the 12<sup>th</sup> Man of the IPCC team.* [\[160\]](#)

## **Control of the Peer Review Process**

I became suspicious when people were classified and derided by the Palace Guard and others for the number of “peer reviewed” articles they published. It was an extension of the attempt to isolate themselves as an elite group. They were the only people qualified and it is similar to their use of phrases like, *working climatologist* or *active climatologist*. These appear to be part of the overall PR campaign, but more important, they make real, but frightening, sense when you know they knew they controlled publication of climate papers.

This elitism and bias was reflected in the media. Whenever I and other “skeptics” appear on radio or TV the first question usually asked is about qualifications. I rarely heard this asked of pro-AGW guests. It certainly was never asked of Al Gore. I was qualified and could explain the issues in ways people could understand and that made me a big target.

A major part of the control of research occurred when Maurice Strong established the IPCC through the WMO. This put the national weather agencies in control of research because funding in most countries went through them. These agencies essentially only funded research that supported the IPCC view.

The second part of the control was more direct. For example, Donna Laframboise, author of the devastating book about the corruption of the IPCC

called *The Delinquent Teenager*, lists all the people serving on the IPCC who were editors or on the editorial board of the *Journal of Climate*.<sup>[161]</sup> The opening comment reads:

*We're supposed to trust the conclusions of the Intergovernmental Panel on Climate Change (IPCC) because much of the research on which it relies was published in peer-reviewed scientific journals. But what happens when the people who are in charge of these journals are the same ones who write IPCC reports?*

The idea of the predominance of one side of the climate debate was reinforced by a 2004 publication by Naomi Oreske. It claimed that of 928 publications obtained in an Internet search, all supported the IPCC's AGW hypothesis. There is no point elaborating because the fallacies and bias in the research were soon identified. Peer reviewed papers contradicting Oreske's claims were quickly produced.<sup>[162]</sup> The most damning of her work was the comment by Tom Wigley, former Director of the CRU and central player in the climate science manipulation. On November 12<sup>th</sup>, 2009 he wrote to Phil Jones about her work saying, *analyses like these by people who don't know the field are useless. A good example is Naomi Oreskes' work.*<sup>[163]</sup>

When the emails were leaked from the Climatic Research Unit (CRU) a public relations person was engaged.<sup>[164]</sup> Involvement of PR people is evident in almost everything. The web site DeSmogBlog is the brainchild of James Hoggan, Board Chairman of the David Suzuki Foundation and President of a PR firm.<sup>[165]</sup> In a December 2011 email to Michael Mann, DeSmogBlog writer Richard Littlemore says:

*(as I am sure you have noticed: we're all about PR here, not much about science).*<sup>[166]</sup>

Evidence it's a PR battle is Mike Mann's 2004 email to CRU Director Phil Jones.<sup>[167]</sup> Confronted by challenging questions, they apparently developed a defensive mentality:

*I've personally stopped responding to these, they're going to get a few of these op-ed pieces out here and there, but the important thing is to make sure they're losing [sic] the PR battle. That's what the site is about. By the way, Gavin did come up w/ the name!*

The "site" is the web site RealClimate, set up by the Palace Guard and named by Gavin Schmidt. Science doesn't need PR, so why do climate scientists need it?

The PR battle involved proving their superiority in credibility, rigour and quality of published work. A March 2003 email from Mann to Jones proves that exploitation of peer review was a deliberate strategy:

*This was the danger of always criticising the skeptics for not publishing in the "peer-reviewed literature".*

As one university library tells students:

*Peer review ensures that an article—and therefore the journal and the scholarship of the discipline as a whole—maintains a high standard of quality, accuracy, and academic integrity.* [\[168\]](#)

Are CRU the only arbiters of quality and accuracy? Apparently, as Mann said in a March 2003 email:

*The Soon & Baliunas paper couldn't have cleared a 'legitimate' peer review process anywhere. That leaves only one possibility—that the peer-review process at Climate Research has been hijacked by a few skeptics on the editorial board. And it isn't just De Frietas, unfortunately I think this group also includes a member of my own department...The skeptics appear to have staged a 'coup' at "Climate Research" (it was a mediocre journal to begin with, but now it's a mediocre journal with a definite 'purpose'). Obviously, they found a solution to that—take over a journal!* [\[169\]](#)

They weren't finished:

*So what do we do about this? I think we have to stop considering "Climate Research" as a legitimate peer-reviewed journal. Perhaps we should encourage our colleagues in the climate research*

*community to no longer submit to, or cite papers in, this journal. We would also need to consider what we tell or request of our more reasonable colleagues who currently sit on the editorial board...*

The irony in their view of a group controlling journals is that they don't seem to realize that it is precisely what they are doing.

The control of peer reviewed publications took two forms. The first involved guaranteeing publication of their own work by peer reviewing each other's papers and only working with journals sympathetic to their view. This completely negates the major objective of peer review, which is to ensure rigorous application of the scientific method. The second, involved prevention of publications that contradicted, challenged, or openly disclosed inadequacies of data and method.

The centerpiece of their proof that humans were causing global warming was the hockey stick graph. Because the IPCC ostensibly only used peer reviewed papers, the research was available before it became central to the 2001 IPCC Science report and Summary for Policymakers. It appeared in *Nature* 392, 779-787 (April 23<sup>rd</sup>, 1998) authored by Michael E. Mann, Raymond S. Bradley and Malcolm K. Hughes, *Global-scale temperature patterns and climate forcing over the past six centuries* usually abbreviated to MBH98. [\[170\]](#) Steve McIntyre and Ross McKittrick recognized the problems with the hockey stick, which they identified as a misuse of a statistical technique and how the results were due to methodological artifact. The latter meant that the hockey stick shape resulted, even if random data was put into the grinder. Their first analysis appeared in a Dutch journal *nwtonline* in 2003 and drew some response. [\[171\]](#) Dr. Rob van Dorland, an IPCC Lead author made the noteworthy comment that their analysis *seriously damaged the image of the IPCC*. More important, he said:

*...it is strange that the climate reconstruction of Mann has passed both peer review rounds of the IPCC without anyone ever really having checked it. I think this issue will be on the agenda of the next IPCC meeting in Peking this May.*

I don't think it made the agenda because they try to defend the hockey stick.

A second article appeared in *Energy and Environment* in 2003 [\[172\]](#), but it was an article published in *Geophysical Research Letters (GRL)* that caused the

CRU gang and the Palace Guard the greatest consternation. It became a topic of discussion between Michael Mann, Malcolm Hughes and Tom Wigley on January 21<sup>st</sup>, 2005. The themes were a concern about their inability to control publications in GRL and how to respond and limit the damage. In another email Michael Mann comments:

*...apparently, the contrary ends now have and “in” with GRL. This guy Saiers (editor) has a prior connection w/ the University of Virginia Department of environmental sciences that causes me some unease.*

He is apparently referring to Patrick Michaels, a long-term skeptic resident there at that time. Mann continues:

*I’m not sure that GRL can be seen as an honest broker in these debates anymore and it is probably best to do an end run around GRL now where possible. They have published far too many deeply flawed contrarian papers in the past year or so. There is no possible excuse for them publishing holes 3 Douglass papers and the Soon et al paper. These were all pure crap.*

*...Basically this is just a heads up to people that something might be up here. What a shame that would be. It’s one thing to lose “Climate Research”. We can’t afford to lose GRL. I think it would be useful if people begin to record their experiences w/ both Saiers and potentially Mackwell (I don’t know him-he would seem to be complicit w what is going on here). If there is a clear body of evidence that something is amiss, it could be taken through the proper channels. I doubt that the entire page EU hierarchy has yet been compromised!*

In a direct threat Phil Jones wrote:

*I will be emailing the journal to tell them I’m having nothing more to do with it until they rid themselves of this troublesome editor.* [\[173\]](#)

They apparently forced the resignation of the editor James Saiers. [\[174\]](#) A later email reported:

*The GRL leak may have been plugged up now w/new editorial*

leadership there. [\[175\]](#)

As Wesley J. Smith summarized at *National Review Online*:

*Most disturbing is the major effort made by a small group of very powerful scientists to prevent skeptics from being published in peer reviewed journals and attacks on editors that published opposing views—sometimes costing the editors their jobs. Talk about making sure you have no competition!* [\[176\]](#)

The climate cabal went further by determining who would be a reviewer and what they would say:

*Not content to block out all dissent from scientific journals, the CRU scientists also conspired to secure friendly reviewers who could be counted on to rubber-stamp their own work. Phil Jones suggests such a list to Kevin Trenberth, with the assurance that “All of them know the sorts of things to say...without any prompting.”* [\[177\]](#)

Other comments indicate the malfeasance. On June 4<sup>th</sup>, 2003 Edward Cook asks Keith Briffa for help in rejecting an article he’s reviewing. He writes:

*Now something to ask from you. Actually somewhat important too. I got a paper to review (submitted to the Journal of Agricultural, Biological, and Environmental Sciences), written by a Korean guy and someone from Berkeley, that claims that the method of reconstruction that we use in dendroclimatology (reverse regression) is wrong, biased, lousy, horrible, etc. They use your Tornetrask recon as the main whipping boy. If published as is, this paper could really do some damage.*

Phil Jones emails Steve [Schneider], editor of *Climatic Change*, telling him he shouldn't accede to McIntyre’s request for Mann's computer code:

Jones to Santer Mar 19<sup>th</sup>, 2009:

*I’m having a dispute with the new editor of Weather. I've complained*



*about him to the RMS Chief Exec. If I don't get him to back down, I won't be sending any more papers to any RMS journals and I'll be resigning from the RMS.*

*Note: Weather is a journal published by the Royal Meteorological Society (RMS).*

Santer replies:

*If the RMS is going to require authors to make ALL data available—raw data PLUS results from all intermediate calculations—I will not submit any further papers to RMS journals.*

This is the crux of so much of the debate the failure of CRU and related people to provide data when they publish studies. The ability to test, known as reproducible results, is essential to science.

IPCC Report rules say they only consider peer reviewed articles. IPCC Chairman Rajendra Pachauri bragged:

*The process is so robust—almost to a fault—that I'm not sure there is too much scope for error. Where there are gaps we are very candid in admitting we don't know enough about this subject...Given that it is all on the basis of peer-reviewed literature. I'm not sure there is any better process that anyone could have followed.* [\[178\]](#)

This was a false claim. A study of the 2007 Report found:

*Forty citizen auditors from 12 countries examined 18,500 sources cited in the report—finding 5,600 to be not peer-reviewed.* [\[179\]](#)

Peer review became an incestuous system as they published together and apparently peer reviewed each other's work, as the Wegman Report identified. [\[180\]](#)

It was critical in the public relations battle, but peer review when incestuous, works against innovation and perpetuates prevailing wisdoms. Editors can practice peer review censorship by selecting high priests of the prevailing wisdom to review and reject articles they consider heresy. Secrecy made the peer review process, that the CRU emails disclosed, possible. Editors weren't required to disclose reviewer's names. Where and when did that policy begin? There's no

reason for secrecy and it contradicts a fundamental tenant of law; the right to face your accuser.

## Summary of Peer Review Activities

- Control of the peer review process by reviewing each other's work
- Control by having a list of favorable reviewers provided to editors
- Control of peer review by threatening, isolating, or even eliminating journal editors
- Control of peer review by serving as editors of a significant climate journal
- Control of peer review by blocking publication of articles that question or reject their "science"
- Control of peer review, by a PR campaign to suggest only they, as "working climatologists", had credibility
- Ridiculed journals they considered inferior that published articles they didn't like

The final comment goes to Phil Jones, Director of the CRU. His comment confirms overall control of publication, but more important, their control over what appeared in the IPCC Reports:

*I can't see either of these papers being in the next IPCC report. Kevin and I will keep them out somehow—even if we have to redefine what the peer-review literature is!*

## Leaked Computer Information

All of the public attention was on the leaked emails and mostly on the first 1,000. They were enough to expose the corruption, so attention quickly waned about the detail. The second set of 5,000, released a year later drew little attention, yet contained much more valuable confirming and damning information. However, before we examine them there was a much bigger omission and that is the release of computer code in a file called *Harry Read Me*.

[\[181\]](#)

Elsewhere, I discussed the use of computer models to predetermine the results that supported their hypothesis that human CO<sub>2</sub> is driving warming and climate change. It is a classic circular argument. Say an increase in CO<sub>2</sub> causes a temperature increase. Program the computer accordingly, then, when the results

show temperature increasing, use it as proof of the hypothesis.

We know the computer results have been consistently wrong and it is likely due to what they put in and leave out, but we don't know. The computer codes used for the IPCC models are generally not available. The models are mathematical representations of each component of the climate system that are then expressed in computer terminology (code). The problem is each model is using different numbers for the same variable. For example, here is one author writing about the very important determination of climate sensitivity; the measure of how much temperature increase occurs when increasing CO<sub>2</sub>:

*Bizarrely, rather than use common forcings, each modeling group was directed to use forcings that it “deemed appropriate” so the various modeling groups are not using the same assumptions for the model inputs. Each group is modeling a different virtual planet.* [\[182\]](#)

It is not surprising that in a discussion about models, [\[183\]](#) Tamsin Edwards concludes:

*Models are always wrong, but what is more important is to know how wrong they are: to have a good estimate of the uncertainty about the prediction. Mark and Patrick explain that our uncertainties are so large because climate prediction is a chain of very many links.*

Knowledge of the computer codes is important, which is why they were not readily available. The leaked emails tell us about the concern to protect them. It comes up in a discussion about the Freedom of Information Act (FOIA). The University of East Anglia distributed a brochure in January 2005 with instructions about the Freedom of Information requests that they and the Climatic Research Unit were receiving. Tom Wigley had asked for answers from Phil Jones who replied:

*On the FOI Act there is a little leaflet we have all been sent. It doesn't really clarify what we might have to do re programs or data. Like all things in Britain we will only find out when the 1<sup>st</sup> person or organization asks. I wouldn't tell anybody about the FOI Act in Britain. I don't think UEA really knows what's involved. As you're no longer an employee I would use this argument if anything comes*

*along. I think it is supposed to mainly apply to issues of personal information references for jobs... [184]*

One author understood that Jones...

*...certainly seems to be looking for ways to hide from complying with the law rather than complying with it. Wigley is no better in his response either in his understanding of the law or his willingness to try to find ways to not comply with it.*

He writes back to Jones expressing his concern about the release of the computer codes:

*Thanks for the quick reply. The leaflet appeared so general, but it was prepared by UEA so they may have simplified things. From their wording, computer code would be covered by the FOIA. My concern was if Sarah is/was still employed by UEA. I guess she could claim that she had only written one 10<sup>th</sup> of the code and release every 10<sup>th</sup> line.*

Wigley knew what was in the computer codes, the Harry Read Me files. Jones replied with words to comfort Wigley, but very discomfoting for anyone concerned about ethics in science:

*As for FOIA Sarah isn't technically employed by the UEFA and she likely will be paid by Manchester Metropolitan University. I wouldn't worry about the code. If FOIA does ever get used by anyone, there is also IPR (Intellectual Property Rights) to consider as well. Data is covered by all the agreements we signed with people, so I will be hiding behind them. I'll be passing any requests on to the person at UEA who has been given a post to deal with them.*

What they forget is the work they are doing is paid for by the taxpayer and used by politicians to have an impact on those taxpayers lives.

In his report on the hockey stick debacle for the US House of Representatives Energy and Commerce Committee Professor Wegman wrote:

*Sharing of research materials, data, and results is haphazard and often grudgingly done. We were especially struck by Dr. Mann's insistence that the code he developed was his intellectual property and that he could legally hold it personally without disclosing it to peers. When code and data are not shared and methodology is not fully disclosed, peers do not have the ability to replicate the work and thus independent verification is impossible.*

A group of academics produced a paper on policy for releasing computer code, stating:

*Not providing source code, they say, is now akin to withholding parts of the procedural process, which results in a "black box" approach to science, which is of course, not tolerated in virtually every other area of research in which results are published.* [\[185\]](#)

Even *The Guardian*, which has been a strong supporter of the IPCC activities and findings, urged:

*If you're going to do good science, release the computer code too. Programs do more and more scientific work—but you need to be able to check them as well as the original data, as the recent row over climate change documentation shows.* [\[186\]](#)

*Computer code is also at the heart of a scientific issue. One of the key features of science is deniability: if you erect a theory and someone produces evidence that it is wrong, then it falls. This is how science works: by openness, by publishing minute details of an experiment, some mathematical equations or a simulation; by doing this you embrace deniability. This does not seem to have happened in climate research. Many researchers have refused to release their computer programs—even though they are still in existence and not subject to commercial agreements.*

Darrel Ince, the author of the article, is blunt in his conclusion:

*So, if you are publishing research articles that use computer programs, if you want to claim that you are engaging in science, the*

*programs are in your possession and you will not release them then I would not regard you as a scientist; I would also regard any papers based on the software as null and void.* [\[187\]](#)

## **Leaked Emails Summary**

A listing of the issues identified in the leaked emails provides the “what”. What is more valuable at this point is to understand the “why”. Many people have great difficulty accepting what they did, but even more difficulty in understanding why. These are scientists presumably working apolitically and objectively. The emails destroy all those illusions.

A few comments show they knew what they were doing was wrong:

Jones on February 21<sup>st</sup>, 2005: “I’m getting hassled by a couple of people to release the CRU station temperature data. Don’t any of you three (authors of the hockey stick paper) tell anybody that the UK has Freedom of Information Act!”

Overpeck on June 28<sup>th</sup>, 2005: “Also, please note that in the US, the U.S. Congress is questioning whether it is ethical for IPCC authors to be using the IPCC to champion their own work/opinions. Obviously, this is wrong and scary, but if our goal is to get policymakers (liberal and conservative alike) to take our chapter seriously, it would only hurt our effort if we cite too many of our own papers (perception is often reality). PLEASE do not cite anything that is not absolutely needed, and please do not cite your papers unless they are absolutely needed. Common sense, but it isn’t happening. Please be more critical with your citations so we have needed space, and also so we don’t get perceived as self-serving or worse.”

Eystein Jansen on January 23<sup>rd</sup>, 2006: “Hi Peck [Overpeck], I assume the provisional acceptance is okay by IPCC rules? The timing of these matters are being followed closely by McIntyre and we cannot afford to being caught doing anything that is not within the regulations. Thus need to consult with Martin and Susan on this.”

Jones on February 2<sup>nd</sup>, 2005: “Just send loads of station data to Scott. Make sure he documents everything better this time! And don’t leave stuff lying around on FTP sites-you never know who is trawling them. The two MMs(McIntyre and

McKittrick) have been after the CR eustachian data for years. If they ever hear there is a Freedom of Information act now in the UK, I think I'll delete the file rather than send to anyone. Does your similar act in the US force you to respond to inquiries within 20 days,—our (sic) does! So the first request will test it. We also have a data protection act, the UK works on precedence, which I will hide behind. Tom Wigley has sent me a worried e-mail when he heard about it—thought people could ask him for his model code. He has retired officially from UEA so we can hide behind that. IPR (Intellectual Property Rights) should be relevant here, but I can see me getting into an argument with someone at UEA who say we must adhere to it!”

Jones on February 21<sup>st</sup>, 2005: “Even if WMO agrees, I will still not pass on the data. We have 25 or so years invested in the work. Why should I make the data available to you, when your aim is to try and find something wrong with it.”

Jones on July 29<sup>th</sup>, 2005: “You can click on a reevaluation of MBH, which leads to a paper submitted to climatic change. This shows that in the H can be reproduced. The R-code to do this can be accessed and eventually the data—once the paper has been accepted. IPCC will likely conclude that all and in arguments are wrong and have been answered in papers that have either come out or will soon.” (He is talking about a report not yet produced, but with the insight of someone actively involved in the production.)

Jones July 5<sup>th</sup>, 2005: I am reviewing a couple of papers on extremes, so that I can refer to them in the chapter for AR4. Somewhat circular, but I kept to my usual standards.”

Jones July 5<sup>th</sup>, 2005: “If anything, I would like to see the climate change happen, so the science could be proved right, regardless of the consequences. This isn't being political it is being selfish.”

Parker (UK Met office) February 2<sup>nd</sup>, 2005: “I have to say that I still back my initial reaction despite that being seen as a “diatribe”. I included the salient emails as an appendix as there's some additional material in them that might help. At this stage I'm pretty sure we can reconcile these things relatively simply. However, I certainly would be unhappy to be associated with it if the current text remains through final draft—I'm absolutely positive it won't. As an aside for your eyes only (so please don't forward this part on to anyone) there

may well be a very large signatory letter to BAMS from operational satellite guys that Fu *et al.* is wrong which is one reason why I want to avoid the impression given in zero order draft—it may make us all painted into a difficult corner. More will be obvious after TOVS workshop in May/June but things may move dramatically one way or the other so just a heads up. I note that my box on the lapse rates was completely and utterly ignored which may explain to some extent my reaction, but I also think the science is being manipulated to put a political spin on it which for all our sakes might not be too clever in the long run.”

Jones on January 29<sup>th</sup>, 2004: “Mike, In an odd way this is cheering news! (commenting on death of John Daly owner web site “Still Waiting for Greenhouse”) One other thing about the CC paper—just found another email—is that McKittrick says it is standard practice in Econometrics journals to give all the data and codes!! According to legal advice IPR (Intellectual Property Rights) overrides this.”

Jones on November 16<sup>th</sup>, 1999: “I’ve just completed Mike’s Nature trick of adding in the real temps to each series for the last 20 years (ie from 1981 onwards) and [sic] from 1961 for Keith’s to hide the decline.”

Mann on July 31<sup>st</sup>, 2003: “p.s. I know I probably don't need to mention this, but just to insure absolutely clarity on this, I'm providing these for your own personal use, since you're a trusted colleague. So please don't pass this along to others without checking w/ me first. This is the sort of “dirty laundry” one doesn't want to fall into the hands of those who might potentially try to distort things...”

There are numerous other examples, but these seem to destroy Phil Jones’ or Mann’s claim that this is regular banter between academic colleagues. That level of delusion is as hard to understand as the entire corruption of science. The best explanation for the group behavior is something called Groupthink.

The emails leaked from the Climatic Research Unit (CRU) in 2009 tell the story. People at the CRU were central to the Physical Science Basis Report of Working Group I of the IPCC and the Summary for Policymakers (SPM). The 2001 Report was most influential because it contained the “hockey stick”(HS). It was essential to protect it at all costs.



# Groupthink

Irving Janis developed the concept of Groupthink, which enforces unanimity at the expense of quality decisions:

*Groups affected by groupthink ignore alternatives and tend to take irrational actions that dehumanize other groups. A group is especially vulnerable to groupthink when its members are similar in background, when the group is insulated from outside opinions, and when there are no clear rules for decision-making.* [\[188\]](#)

The CRU/IPCC pattern appears to be a classic example.

Here's a list of some symptoms of groupthink with examples from CRU/IPCC emails and actions.

- **Having an illusion of invulnerability.** Content of the emails is a litany of arrogant invulnerability. Bradley's email is a good example. Notice the capital letter on Distinguished. In a backhanded way, Overpeck provides support for this position because he advised them on September 9<sup>th</sup>, 2009 to "Please write all emails as though they will be made public." Apparently he knew what they were saying was at least problematic, they didn't listen because they believed they were invulnerable. After the comments became public, they continued to believe they did nothing wrong. Michael Mann said:

*What they've done is search through stolen personal emails—confidential between colleagues who often speak in a language they understand and is often foreign to the outside world...[turning]... something innocent into something nefarious.* [\[189\]](#)

CRU Director Phil Jones deflects by saying:

*My colleagues and I accept that some of the published emails do not read well. I regret any upset or confusion caused as a result. Some were clearly written in the heat of the moment, others use colloquialisms frequently used between close colleagues...*

There is no confusion and it's arrogant and wrong to suggest others do it, as if

that makes it acceptable.

- **Rationalizing poor decisions.** Jones rationalized the decision to withhold Freedom of Information (FOI) to the University of East Anglia staff on December 3<sup>rd</sup>, 2008 as follows:

*Once they became aware of the types of people we were dealing with, everyone at UEA [in the registry and in the Environmental Sciences school—the head of school and a few others] became very supportive.*

The entire body of emails supports this claim. Rob Wilson wrote on February 21<sup>st</sup>, 2006:

*I need to diplomatically word all this. I never wanted to criticise Mike's work in any way. It was for that reason that I made little mention to it initially.*

On May 6<sup>th</sup>, 1999, Mann wrote to Phil Jones:

*I trust that history will give us all proper credit for what we're doing here.*

So do I!

Conversely, Keith Briffa battled with Mann and became increasingly alienated from the group. On June 17<sup>th</sup>, 2002 he wrote:

*I have just read this letter and I think it is crap. I am sick to death of Mann stating his reconstruction represents the tropical area just because it contains a few (poorly temperature representative) tropical series.*

The PR battle involved proving superiority in credibility, rigour, and quality of published work.

- **Sharing stereotypes which guide the decision.** This takes the form of unethical comments of practice going without challenge because they were all doing it. On September 19<sup>th</sup>, 1996 Funkhouser wrote:

*I really wish I could be more positive about the Kyrgyzstan material,*

*but I swear I pulled every trick out of my sleeve trying to milk something out of that.*

Mann said in a March 2003 email:

*The Soon & Baliunas paper couldn't have cleared a 'legitimate' peer review process anywhere. That leaves only one possibility—that the peer-review process at Climate Research has been hijacked by a few skeptics on the editorial board.*

They ignore the fact that they were doing the same thing.

- **Exercising direct pressure on others.** On April 24<sup>th</sup>, 2003 Wigley wrote:

*One approach is to go direct to the publishers and point out the fact that their journal is perceived as being a medium for disseminating misinformation under the guise of refereed work. I use the word 'perceived' here, since whether it is true or not is not what the publishers care about—it is how the journal is seen by the community that counts.*

In a direct threat, Phil Jones wrote:

*I will be emailing the journal to tell them I'm having nothing more to do with it until they rid themselves of this troublesome editor.* [\[190\]](#)

James Saiers, editor of *Geophysical Research Letters* was removed. A later email reported:

*The GRL leak may have been plugged up now w/new editorial leadership there.* [\[191\]](#)

On October 14<sup>th</sup>, 2009, Trenberth expresses something to Tom Wigley that none of them ever dared say in public:

*How come you do not agree with a statement that says we are nowhere close to knowing where energy is going or whether clouds are changing to make the planet brighter. We are not close to*

*balancing the energy budget. The fact that we cannot account for what is happening in the climate system makes any consideration of geoengineering quite hopeless as we will never be able to tell if it is successful or not! It is a travesty!*

- **Maintaining an illusion of unanimity.** Briffa struggles to maintain the illusion when he writes to Mann on April 29<sup>th</sup>, 2007,

*I tried hard to balance the needs of the science and the IPCC, which were not always the same. I worried that you might think I gave the impression of not supporting you well enough while trying to report on the issues and uncertainties.*

On May 6<sup>th</sup>, 1999 Mann wrote to Phil Jones, “Trust that I’m certainly on board w/you that we’re all working towards a common goal”

- **Using mindguards to protect the group from negative information.** On December 10<sup>th</sup>, 2004, Schmidt gave the CRU gang a Christmas present:

*Colleagues, No doubt some of you share our frustration with the current state of media reporting on the climate change issue. Far too often we see agenda-driven “commentary” on the Internet and in the opinion columns of newspapers crowding out careful analysis. Many of us work hard on educating the public and journalists through lectures, interviews and letters to the editor, but this is often a thankless task. In order to be a little bit more pro-active, a group of us (see below) have recently got together to build a new ‘climate blog’ website: RealClimate.org which will be launched over the next few day...*

*...The idea is that we working climate scientists should have a place where we can mount a rapid response to supposedly ‘bombshell’ papers that are doing the rounds and give more context to climate related stories or events.*

This was Mann’s comment to the group about the establishment of RealClimate to act as “mindguards”.

Some of the negative outcomes of groupthink also fit the actions of the CRU/IPCC group.

- **Examining few alternatives.** They narrowed the options by the definition of climate change to only those caused by human activities. Of the three greenhouse gases, almost all the focus is on CO<sub>2</sub>.
- **Not being critical of each other's ideas.** Not only were they not critical, but they peer reviewed each other's work and controlled who they recommended to editors as reviewers. Mann to Jones on June 4<sup>th</sup>, 2003:

*I'd like to tentatively propose to pass this along to Phil as the "official keeper" of the draft to finalize and submit IF it isn't in satisfactory shape by the time I have to leave.*

On August 5<sup>th</sup>, 2009 Jones wrote to Grant Foster in response to his request for reviewers for an article:

*I'd go for one of Tom Peterson or Dave Easterling. To get a spread, I'd go with 3 US, One Australian and one in Europe. So Neville Nicholls and David Parker. All of them know the sorts of things to say—about our comment and the awful original, without any prompting.*

- **Not examining early alternatives.** There was a graph of temperatures drawn by Lamb showing the Medieval Warm Period (MWP) and used in the first IPCC Report. It was correct, but contradicted their claim of modern warming. As Mann said to Jones on June 4<sup>th</sup>, 2003:

*...it would be nice to "contain" the putative "MWP", even if we don't yet have a hemispheric mean reconstruction available that far back.*

They chose to rewrite history.

- **Not seeking expert opinion.** Professor Wegman spoke directly to this problem in his report for the U.S. Congress on the infamous hockey stick graph.

*It is important to note the isolation of the paleoclimate community; even though they rely heavily on statistical methods they do not seem*

to be interacting with the statistical community. [\[192\]](#)

- **Being highly selective in gathering information.** Apart from only looking at human causes, the CRU emails have many examples of data selected to prove their point. Tim Osborn to the group on October 5<sup>th</sup>, 1999 speaks of the issue McIntyre identified of truncated records:

*They go from 1402 to 1995, although we usually stop the series in 1960 because of the recent non-temperature signal that is superimposed on the tree-ring data that we use.*

On the March 19<sup>th</sup>, 2009, Santer wrote to Jones about the Royal Meteorological Society (RMS) asking for data used for a publication:

*If the RMS is going to require authors to make ALL data available—raw data PLUS results from all intermediate calculations—I will not submit any further papers to RMS journals.*

On September 27<sup>th</sup>, 2009, Tom Wigley wrote to Phil Jones about a problem with Sea Surface Temperatures (SST):

*So, if we could reduce the ocean blip by, say, 0.15 deg C, then this would be significant for the global mean—but we'd still have to explain the land blip.*

- **Not having contingency plans.** They never dreamed they would be exposed. Part of the lack of contingency plans may be attributed to the fact they had the backing of powerful people and involvement of public relations experts to block, offset and counterattack. The Chapter 8 incident occurred early in the process of the IPCC and undoubtedly gave them confidence they were protected.

It didn't work because of poor judgment. Janis explains in groupthink it "occurs when a group makes faulty decisions because group pressures lead to a deterioration of "mental efficiency, reality testing, and moral judgment." What went on at the CRU and the IPCC appears to be a classic example.

Now they hide behind the fact that most can't believe scientists could ignore or deliberately manipulate data, distort procedures and not have more

of them speak out. They also can't believe a small group of people could achieve such deception.





## CHAPTER TWELVE

### How Did So Few Achieve Such a Large Deception?

*Specialized meaninglessness has come to be regarded, in certain circles, as a kind of hallmark of true science.*

—Aldous Huxley, (1894-1963) British Author

*The thing from which the world suffers just now more than any other evil is not the assertion of falsehood, but the endless repetition of half-truths.*

—G. K. Chesterton (1874-1936) British Author

To paraphrase Winston Churchill; never have so many been deceived by so few, at so great a cost.

On May 6<sup>th</sup>, 1999, Michael Mann wrote to Phil Jones:

*Trust that I'm certainly on board w/ you that we're all working towards a common goal. That is what is distressing about commentaries [sic] (yours from last year, and potentially, without us having had appropriate [sic] input, Keith and Tim's now) that appear to "divide and conquer". The skeptics happily took your commentary last year as reason to doubt our results! In fact, your piece was references [sic] in several commentaries (mostly on the WEB, not published) attacking our work. So THAT is what this is all about. It is in the NAME of the common effort we're all engaged in, that I have voiced concerns about language and details in this latest commentary —so as to avoid precisely that scenario.*

This is a rambling discourse that is a disturbing insight into what was going on at the CRU. What is the common goal he mentions? The necessity to isolate CO<sub>2</sub> and prove scientifically it was destroying the planet. Which explains his concern about what he perceives as negative and divisive comments. The difficulty is: it is essential to question, challenge and investigate to achieve proper science. Mann is saying that by identifying the problems and limitations, they are giving comfort to the enemy. This further confirms the political nature of activities at the CRU and the IPCC. The connection is easy to make because Mann and Jones were the main

authors of the critical pieces of evidence of human causes of warming in the 2001 IPCC Report.

This raises questions about how and why so many people, especially scientists, were taken in by the deception that concerns Mann. It is instructive to understand how different groups became part of the so-called consensus. The core IPCC people were carefully selected and most of them worked at the CRU. The *Ad Hoc Committee Report on the 'Hockey Stick' Global Climate Reconstruction* commonly known as *The Wegman Report* said:

*As analyzed in our social network, there is a tightly knit group of individuals who passionately believe in their thesis. However, our perception is that this group has a self-reinforcing feedback mechanism and, moreover, the work has been sufficiently politicized that they can hardly reassess their public positions without losing credibility.*

Wegman identified most of the people involved with the leaked information from the CRU.

IPCC participants are chosen by the national weather agencies of each member of the World Meteorological Organization (WMO). The Intergovernmental Panel on Climate Change (IPCC) required people who would achieve the political and scientific objective of identifying human activities as the cause of global warming, and later climate change, generally referred to as Anthropogenic Global Warming (AGW) theory. Their work effectively thwarted the standard scientific method of disproving the theory. Scientists who dared to question the theory were derisively called skeptics. When this epithet didn't stop them, they were called deniers with its holocaust connotations. Most of the so-called skeptics were well qualified but excluded from the IPCC, making it a carefully selected group.

Some, such as Richard Lindzen <sup>[193]</sup>, Alfred P Sloan professor of meteorology at MIT, participated—hoping to have reasonable scientific input but eventually gave up. *There's little doubt, Lindzen said, that the IPCC process has become politicized to the point of uselessness.*

How did the IPCC maintain control and convince many, including political leaders, they were right and were the authority? Beyond using UN agencies as vehicles, they had the challenge of running an apparently open process while keeping total control.

They controlled who participated and who were the lead authors, especially of critical chapters. Richard Lindzen notes:

*IPCC's emphasis, however, isn't on getting qualified scientists, but on getting representatives from over 100 countries...the truth is only a handful of countries do quality climate research. Most of the so-called experts served merely to pad the numbers.*

They published the political document, the Summary for Policymakers (SPM) before the Technical (Science) Report of Working Group I was issued. Making sure the Technical Report matched the SPM. Lindzen again: *The IPCC clearly uses the Summary for Policymakers to misrepresent what is in the report.*

They used wording in the SPM to catch the media and public attention. It's difficult to describe scientific information for an essentially non-scientific audience through the media; what one blogger describes as the "Math-Free Zone of Journalism". Columnist James Kilpatrick says, "People who write for a living should never be left alone with mathematics. They are almost bound to mess up." They are less likely to with the terms created by the IPCC, but it is easier to dramatize. Using non-mathematic terminology in the SPM, exemplified by the labels set out in a table in the third report, such as; Very unlikely (1–10 %) Likely (66–90 %) Very likely (90–99 %). The percentages are not used in the Technical Report. As one study says, "How the assessment frames the information is determined by the choices and goals of the users." For the IPCC, this includes focusing on negative impacts of warming when there are positive effects and including and highlighting studies that appeared to identify a "human signal".

Here is Lindzen's summary of the IPCC process:

*It uses summaries to misrepresent what scientists say; uses language that means different things to scientists and laymen; exploits public ignorance over quantitative matters; exploits what scientists can agree on while ignoring disagreements to support the global warming agenda; and exaggerates scientific accuracy and certainty and the authority of undistinguished scientists.*

The rest of this chapter examines some of the issues Lindzen identifies, events that explain how they achieved the global deception.

A major reason the deception was easy involved public lack of knowledge of the extent and nature of climate change. They have no idea how temperatures are reconstructed, illustrated by the common question I get at a presentation; “How do they know what the temperature was years ago?” There are three segments of temperature data. The boundaries between temperature periods are the result of technical or methodological measures not natural factors. The instrumental record that covers just over 100 years, the historical record of human observations covering about 3,000 years and the rest of time is in the biologic or geologic time. Most records, especially in the historical period, are called proxy records, that is, they are a secondary indication of weather and climate such as the first arrival of geese in the spring or the date of cherry blossoms in Japan.

All records contradict claims made by official climate science. They show:

1. Temperatures vary considerably and in very short time periods.
2. Global temperatures were much warmer than today on many occasions.
3. Temperature increases precede CO<sub>2</sub> increases.
4. Current changes are unprecedented.

The Antarctic ice core record covering 420,000 years appeared in 1991. (Figure 30) It shows how much temperatures varies with a range of some 12°C. This became sidelined by the fact they also published the varying CO<sub>2</sub> over the same time period.

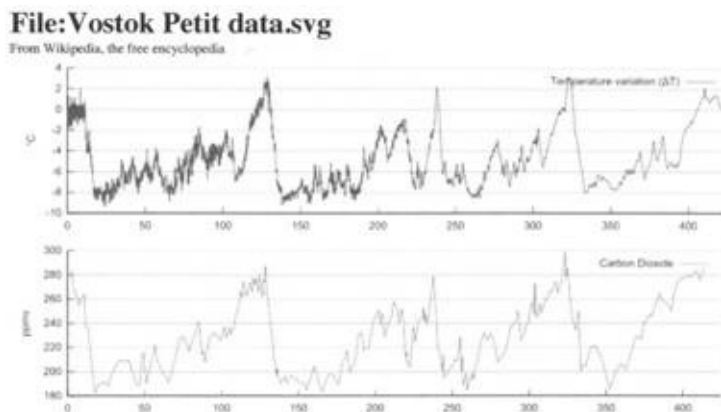


Figure 30

Antarctic ice core record. Temperature top. CO<sub>2</sub> bottom.

The relationship was immediately seized and promoted as evidence that CO<sub>2</sub> was driving temperature. Only a few years later we learned that the relationship is [exactly the opposite](#). We now know that in every record of any duration for any period, temperature increases before CO<sub>2</sub>. This completely contradicts and therefore negates the basic assumption of the AGW hypothesis.

Despite limitations, such as a 70-year smoothing average, ice core records provide another contradiction to a major IPCC claim, namely that the world is warmer than ever before.

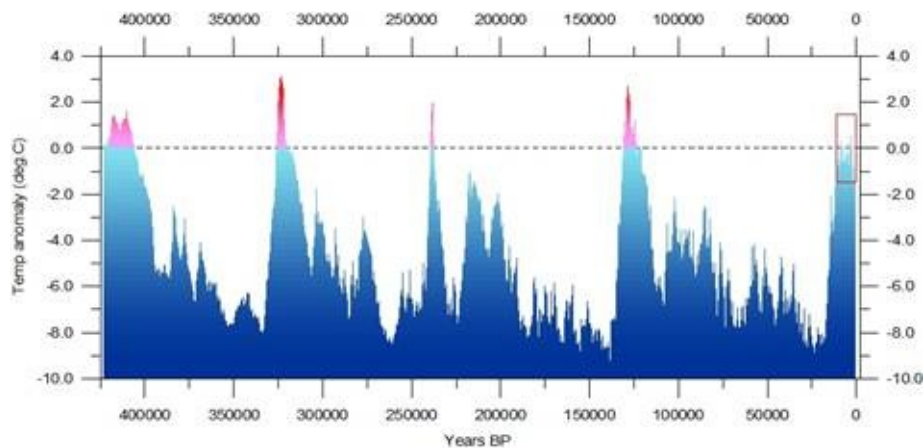


Figure 31  
Antarctic  
temperature  
record showing  
previous  
Interglacial  
peaks. [\[194\]](#)

The graph in Figure 31 shows how much temperature changes naturally with dramatic swings over a range of 12°C. These swings are greater when you understand that they applied 70 year smoothing average. This equates to using a single temperature for the last 70 years. Which 70 years would you choose as ‘better’ than today? Think of recent cold winters and consider whether it was better. The world was almost as warm as today for just a fraction of the last half million years. Cold is the predominant condition.

Despite that, the world was warmer than today for most of the last 10,000 years: a period variously known as the Climatic Optimum, the Hypsithermal and now the Holocene Optimum. It is recorded in the Greenland ice core.

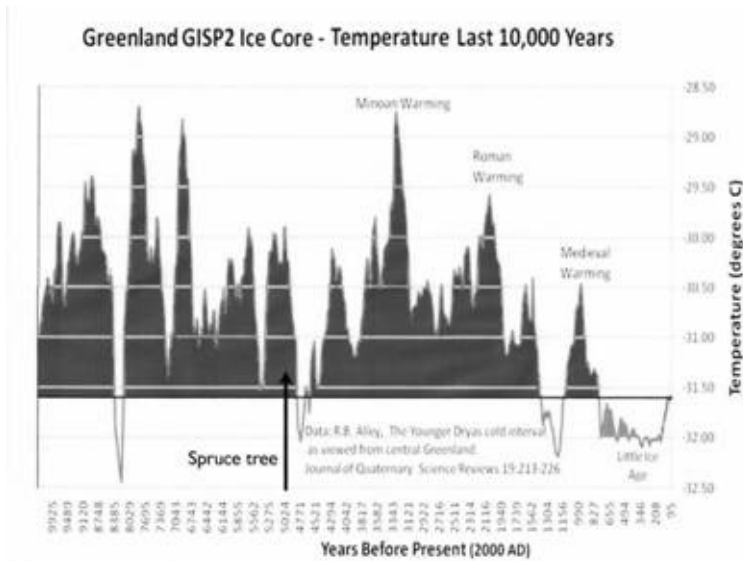


Figure 32

Greenland temperature graph—world warmer than today for most of the last 10,000 years.

It was 3°C warmer on average than today for most of the 10,000 years. Tangible evidence of warmth is a fossilized white spruce (*Picea glauca*) photographed by Professor Ritchie (Figure 33) and radiocarbon dated at 4940 ±140 years Before Present (BP) as indicated on the ice core chart.



Figure 33

5000 year old white spruce stump north of current tree line

Note the existence of the Medieval Warm Period (MWP) on the right side of the graph. This is what they had to eliminate as discussed earlier. More important, note the world was warmer than today for most of the preceding 8000 years. This gives lie to claims about demise of the polar bear because they survived these conditions.

Some records are valuable because they transcend the boundaries. Tree ring records are a good example, but this made them ideal for exploitation of climate science. It worked for the climate deception because few, including most scientists, know how inadequate they are for accurate reconstruction or how easily they're distorted. Tree rings are a source of data used to span the instrumental and history stages of reconstruction. The original use, called dendrochronology, determined age of the tree by counting annual growth rings. Then, with the work of people like A.E. Douglass, they became valuable in reconstructing solar activity as they registered variation carbon 14 in the atmosphere. The use for the IPCC record was completely inappropriate.

They used tree rings for climate studies with the assumption that they indicate temperature change. In reality, they reflect the growth pattern and are the result of a multitude of environmental factors. Temperature is a minor factor. Precipitation is the main determinate of growth, as any gardener knows.

Despite this a few, especially those associated with the Climatic Research Unit (CRU) of East Anglia, began producing studies using tree rings solely as an indicator of temperature. The pivotal paper published in Nature in 1998 by Mann, Bradley and Hughes titled, *Global-scale temperature patterns and climate forcing over the past six centuries* become known as MBH98. Mann was the principal author, so John Daly gave him credit and wrote "Mann completely redrew the history, turning the Medieval Warm Period and Little Ice Age into non-events, consigned to a kind of Orwellian 'memory hole'". The tree ring data he produced formed the handle of the stick. Then, using an inappropriate technique he tacked on the modern instrumental record to form the blade. We later learned this was necessary because the tree ring data showed declining temperatures for the 20th century. It was terrible science and statistically wrong. Despite this, the paper passed peer review.

The hockey stick graph, remarkably quickly, became the orthodoxy. As John Daly explained:

*What is disquieting about the 'Hockey Stick' is not Mann's presentation of it originally. As with any paper, it would sink into oblivion if found to be flawed in any way. Rather it was the reaction*

*of the greenhouse industry to it—the chorus of approval, the complete lack of critical evaluation of the theory, the blind acceptance of evidence which was so flimsy. The industry embraced the theory for one reason and one reason only—it told them exactly what they wanted to hear.* <sup>[195]</sup> *[emphasis in original]*

Mann became lead author of the chapter *Observed Climate Variability and Change* in the 2001 IPCC Report. He was also a contributing author on other chapters. The hockey stick received prominence in the 2001 IPCC Report. Ross McKittrick wrote:

*It was central to the 2001 Third Assessment Report [TAR] from the Intergovernmental Panel on Climate Change (IPCC). It appears as Figure 1b in the Working Group 1 Summary for Policymakers, Figure 5 in the Technical Summary, twice in Chapter 2 (Figures 2-20 and 2-21) of the main report, and Figures 2-3 and 9-1B in the Synthesis Report. Referring to this figure, the IPCC Summary for Policymakers (p.3) claimed it is likely “that the 1990s has been the warmest decade and 1998 the warmest year of the millennium” for the northern hemisphere.* <sup>[196]</sup>

He also notes the importance of the hockey stick to their scientific agenda, designed to support the political agenda, measured by the different highlighting from other information in the report:

*In appreciating the promotional aspect of this graph, observe not only the number of times it appears, but its size and colorful prominence every time it is shown.* <sup>[197]</sup>

The control of what went into the Technical Summary (Science Report) and the SPM by just a few people is the real issue and critical to understanding how a few people controlled the deception that fooled the world.

Mann’s work provided the handle for the hockey stick. He rewrote history by eliminating the MWP, but the hockey stick has a blade with data provided effectively by Phil Jones, Director of the CRU and IPCC lead author. His work claimed temperatures after the LIA rose at a rate greater than any in the natural record and thus indicated a human signal. In the SPM, the hockey stick and



temperature graphs appear together as Figure 1.

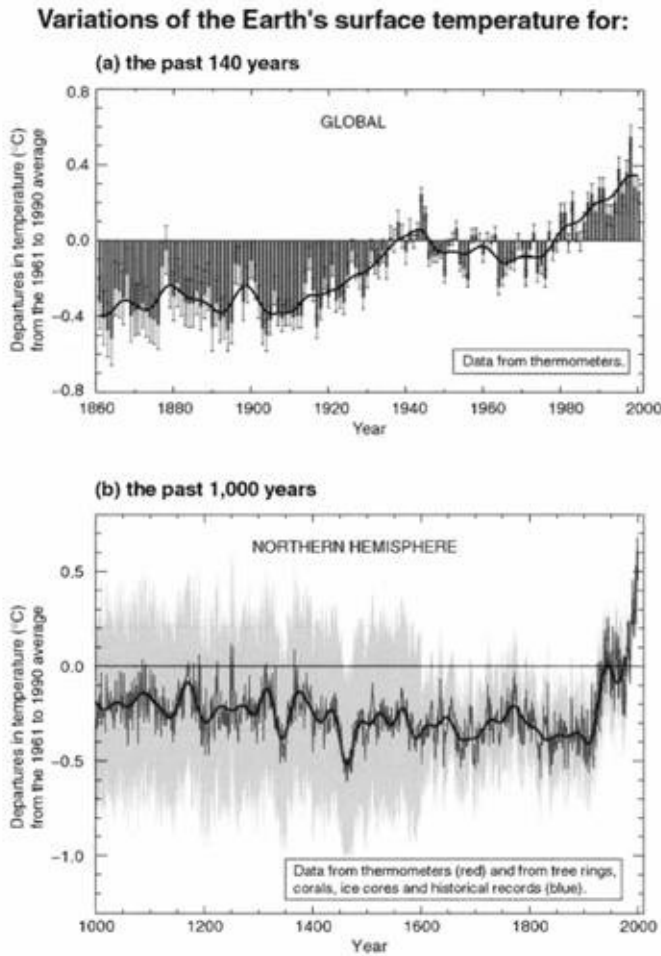


Figure 1: Variations of the Earth's surface temperature over the last 140 years and the last millennium.

Figure 34

Jones claimed an increase of  $0.6^{\circ}\text{C}$  in the global average annual temperature in approximately 130 years. The actual statement in the SPM is odd:

*Over both the last 140 years and 100 years, the best estimate is that the global average surface temperature has increased by  $0.6 \pm 0.2^{\circ}\text{C}$ .*

[\[198\]](#)

IPCC claim this increase is beyond any natural increase and, therefore, anthropogenic.

This is simply incorrect. Actually, it is within the error factor of calculations

of global average temperatures. Besides, there are so many problems with the data many consider it impossible to calculate the global temperature. The error range of  $\pm 0.2^{\circ}\text{C}$ , which is a  $\pm 33$  percent, shows the problem. The IPCC Report identifies some of these:

*There are uncertainties in the annual data (thin black whisker bars represent the 95% confidence range) due to data gaps, random instrumental errors and uncertainties, uncertainties in bias corrections in the ocean surface temperature data and also in adjustments for urbanisation over the land.* [\[199\]](#)

Here are some of the other problems:

- There are very few records, approximately 1000, of 100 years length or more, as this Goddard Institute of Space Studies Plot (GISS) shows (Figure 35).

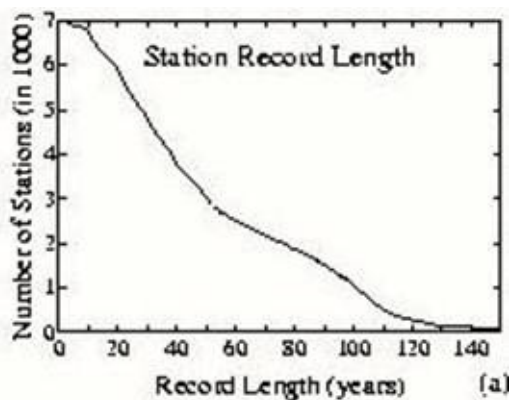


Figure 35

- Most are concentrated in eastern North America and Western Europe.
- Most of these stations are affected by the Urban Heat Island effect that artificially increases the temperature.
- Instruments varied regionally and over time, but because of early limitations all records only measure to  $0.5^{\circ}$
- There are virtually no measurements for the oceans, which are 70% of the surface.
- Few measurements exist for the deserts (19% of the land surface), mountains (20%), or forest 40%.

There is serious scientific concern about the nature, length and quality of the

data base best expressed by the U.S. National Research Council Report in 1999:

*Deficiencies in the accuracy, quality and continuity of the records place serious limitations on the confidence that can be placed in the research results.*

The actual figures Jones gave, which were  $0.6^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$ , an error factor of  $\pm 33\%$  underscore this problem. The limitations and the error factor are sufficient to reject the argument that it represents a real increase. It is completely inadequate to serve as part of the basis for global climate and energy policies.

But, there is a more serious problem. We are unable to reproduce Jones' results because he refused to disclose which stations he used and how he adjusted the data. On February 21<sup>st</sup>, 2005 in response to a request from Warwick Hughes, an Australian researcher who has long sought to verify the global temperature record, Jones wrote:

*We have 25 or so years invested in the work. Why should I make the data available to you, when your aim is to try and find something wrong with it.*

Apparently Jones is not alone in the practice of non-disclosure or denial of access to climate data. Finally, we learned from Jones that the original data was lost. At least he acknowledged this was unacceptable. [\[200\]](#)

A series of attempts to obtain information from the University of East Anglia and from the joint enterprise of the Hadley Centre and the Climate Research Unit known as HadCRUT3 appear on the ClimateAudit Blog site. This site also discusses disturbing questions about modifications to past records apparently to make the 1930s appear cooler, thus enhancing the claim that the world is warmer than it has ever been.

The most recent 'human signal' is not actual evidence at all. It comes from carefully manipulated computer models designed to isolate a portion of temperature increase as clearly human. People are generally unaware that all 'predictions' of global warming come from computer models. These can't work because the database that limits Jones is totally inadequate for models. Another factor compounds the problem. While Jones estimated surface temperature, the models are three-dimensional and we have virtually no data for the atmosphere.

Combine this with the limited knowledge of atmospheric, oceanic, solar mechanisms necessary for a model to work and it is no surprise the models fail to simulate past climates or accurately predict future ones. Models that can't forecast weather beyond 7 days are incapable of predicting conditions 30, 40 or 100 years from now.

It is impossible to address all the errors in the science, assumptions, methods, data, and computer models. So far I have examined the objective, motive and some of the major gaming carried out. However, it is all ultimately tested in the real world. A simple but powerful definition of science is the ability to predict. If your predictions are wrong there is clearly something wrong with your science. Weather forecast failures indicate it is not a science. Supporters of "official" climate science, produced by the Intergovernmental Panel on Climate Change (IPCC), tried to distance themselves from this problem by saying that they were two different things. The difficulty is climate is an average of the weather; therefore it can only be as precise as the weather.

Every single climate prediction (projection) the IPCC made has been wrong. As we saw earlier, they ostensibly switched from predictions to projections because of the failures. They then produced three scenarios based upon economic development that would determine the amount of human CO<sub>2</sub> produced. For a while it appeared that temperature was increasing approximately in line with CO<sub>2</sub> increase. It is likely that much of this was due to manipulation of the major components including the temperature and human production of CO<sub>2</sub>.

### **Another Reason Why IPCC Predictions (Projections) Fail. AR5 Continues to Let The End Justify the Unscrupulous Means.**

Someone said economists try to predict the tide by measuring one wave. The IPCC essentially try to predict (project) the global temperature by measuring one variable. The IPCC compound their problems by projecting the temperature variable with the influence of the economic variable.

Use of circular arguments is standard operating procedure for the IPCC. For example, they assume a CO<sub>2</sub> increase causes a temperature increase. They then

create a model with that assumption and when the model output shows a temperature increase with a CO<sub>2</sub> increase they claim it proves their assumption.

They double down on this by combining an economic model that projects a CO<sub>2</sub> increase with their climate model projection. To make it look more accurate and reasonable they create scenarios based on their estimates of future developments. It creates what they want, namely that CO<sub>2</sub> will increase and temperature will increase catastrophically unless we shut down fossil fuel based economies very quickly.

All their projections failed, even the lowest as, according to them, atmospheric CO<sub>2</sub> continued to rise and global temperatures declined. As usual, instead of admitting their work and assumptions were wrong, they scramble to blur, obfuscate and counterattack.

One part of the obfuscation is to keep the focus on climate science. Most think the IPCC is purely about climate science, they don't know about the economics connection. They don't know that the IPCC projects CO<sub>2</sub> increase on economic models that presume to know the future. Chances of knowing that are virtually zero, as history shows.

On September 1<sup>st</sup>, 2014 we will recognize the 75th anniversary of the declaration of war against Germany. I am not aware of anybody who predicted what happened in that 75 years, or even came close. I am sure people will find someone who foresaw one or two of the events, but not the entire social, economic, technological and political changes. A brief list illustrates the challenge:

- The Cold War
- The Korean War
- The Vietnamese War
- Global Terrorism
- The collapse of communism
- China and India as world powers
- The Internet
- Moon and Mars Landings
- Silicon Chips
- Space vehicle leaving the Solar System
- Space Satellites
- Hubble telescope
- Fracking

The IPCC claim 95 percent certainty about their climate science and presumably about their predictions. The problem is all were wrong from the start. As early as the 1995 Report they had switched to projections. They gave a range of projections or scenarios from low to high, but even the lowest was incorrect. Roger Pielke Jr., explained the assumptions for the scenarios were unrealistic, especially about technological progress in energy use and supply. [\[201\]](#)

Most people assume the projections are solely a function of the climate science and climate models, but that is not the case. The climate science is wrong and that contributes to the failed projections because it is the basic assumption of the AGW hypothesis that an increase in CO<sub>2</sub> causes a temperature increase. However, the three projections also vary from high to low because of different assumptions about the future society and economy. These estimates of the future primarily determine the amount of CO<sub>2</sub> increase that will occur under different economic scenarios. As Richard Lindzen, MIT professor of meteorology said in an interview with James Glassman that the 2001 IPCC Report “was very much a children’s exercise of what might possibly happen” prepared by a “peculiar group” with “no technical competence.” Maybe, but it achieved their political objective of isolating and demonizing CO<sub>2</sub>.

After release of the 2001 Third Assessment Report (TAR) two papers by Ian Castles and David Henderson (C&H) were published drawing attention to the problems with the emission scenarios used to produce the three projections. [\[202\]](#) Castles explained the concerns as follows:

*During the past three years I and a coauthor (David Henderson, former Head of the Department of Economics and Statistics at OECD) have criticised the IPCC’s treatment of economic issues.*

*Our main single criticism has been the Panel’s use of exchange rate converters to put the GDPs of different countries onto a common basis for purposes of estimating and projecting output, income, energy intensity, etc. This is not permissible under the internationally-agreed System of National Accounts which was unanimously approved by the UN Statistical Commission in 1993, and published later that year by the United Nations, the World Bank, the IMF, the OECD and the Commission of the European Communities, under cover of a Foreword which was personally signed by the Heads of the five organisations.*

[\[203\]](#)

As one commentator noted:

*These two economists have shown that the calculations carried out by the IPCC concerning per capita income, economic growth and greenhouse gas emissions in different regions are fundamentally flawed, and substantially overstate the likely growth in developing countries. The results are therefore unsuitable as a starting point for the next IPCC assessment report, which is due to be published in 2007. Unfortunately, this is precisely how the IPCC now intends to use its submissions projections.* [\[204\]](#)

The IPCC response was typical of the arrogant superiority and belief in their unassailability that pervades most of their dealings:

*On December 8<sup>th</sup>, 2003 at the Milan COP9 Dr. Pachauri released a press statement which criticized the arguments which Castles and Henderson have been making in this debate.*

Pachauri's charges against C&H, especially Castle's were false personal attacks.

-  
Richard Tol commented on C&H and the IPCC response:

*Castles and Henderson....criticized the IPCC for using market exchange rates in the economic accounting used as a basis for its SRES scenarios. This started as a technical dispute. However, the initial IPCC response—which can be characterized as “We are the IPCC. We do not make mistakes. Please go away.”—raised the stakes and turned the debate into one about the credibility of the entire IPCC, a debate that now includes politicians and the public. Howard Herzog of MIT recently summarized this as the “IPCC is a four letter word”.*

The UNFCCC predetermined the results of the IPCC work by directing with them to study only human causes of climate change. The IPCC then narrowed the focus to human produced CO<sub>2</sub> as the cause of warming. They directed their efforts to proving rather than disproving their hypothesis. Central to this

objective was the need to have atmospheric CO<sub>2</sub> levels rise constantly because of a constant rise in human production of CO<sub>2</sub>.

The IPCC controlled results of rising atmospheric levels with data from warming advocate Charles Keeling's, and later his son Roger's, measurements at Mauna Loa. There is fascinating, but disturbing correspondence on this issue between Ernst Georg Beck and Roger Keeling. Beck had to be dismissed because his work showed that 19th century levels of atmospheric CO<sub>2</sub> were much higher than used by the IPCC and created by Guy Callendar and Tom Wigley. The IPCC controlled the production of the annual increase in human production of CO<sub>2</sub>.

In their 2001 Report the IPCC note the increase of CO<sub>2</sub> from 6.5 GtC (gigatons of carbon) human sources to 7.5 GtC in the 2007 report. In the FAQ section they answer the question "How does the IPCC produce its Inventory Guidelines?" as follows:

*Utilizing IPCC procedures, nominated experts from around the world draft the reports that are then extensively reviewed twice before approval by the IPCC.* [\[205\]](#)

In a 2008 article Castles notes about the 2007 Report:

*Unfortunately, the assumptions it uses overstate potential manmade global warming by a large measure.*

*In 2001 IPCC based its predictions of substantially warming temperatures during the next century largely on forecasts of explosive growth in Third World economies—and hence emissions—during the twenty-first century. The panel actually predicted Third World nations would grow so fast they would surpass the economies of wealthy Western nations.* [\[206\]](#)

*Economists pointed out the unrealistic assumptions, but in the six years since these IPCC gaffes, little appears to have changed.*

Richard Tol commented on the changes for AR5:

*IPCC AR5 of Working Group 1 will therefore be based on scenarios-*



formerly-known-as-SRES. They're now called RCP. [\[207\]](#)

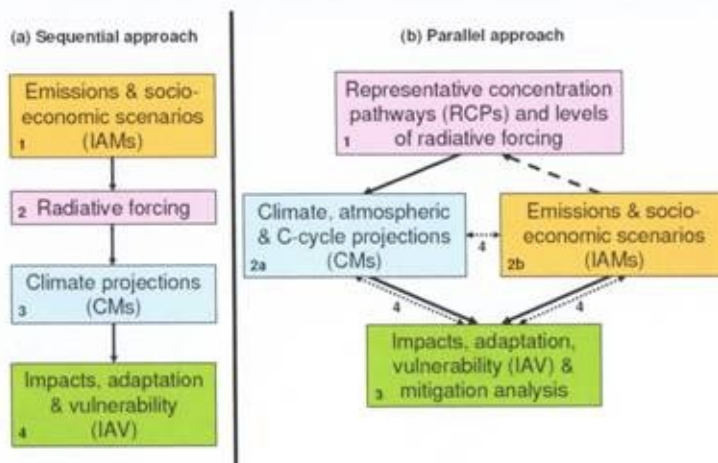
A presentation Representative Concentration Pathways (RCPs) by Jean-Pascal van Ypersele, Vice Chair of the IPCC, lays out the challenge. [\[208\]](#)

## Some of the Challenges for AR5

- ☞ Improve policy-relevance, without becoming policy-prescriptive
- ☞ Improve quality and readability
- ☞ Provide elements of answer to difficult/new questions (+ some treated as FAQ)
- ☞ Integrate Synthesis Report « design » in the scoping process from the start
- ☞ Improve developing countries participation

Jean-Pascal van Ypersele  
(vanypers@astr.ucl.ac.be)

## New scenarios development process – parallel vs. sequential approach



In a classic bureaucrat flow chart he shows a change in process that among other things appears to make the role of economic development unclear.

William Kininmonth, former head of Australia's National Climate Centre and their delegate to the WMO Commission for Climatology and author of the insightful book *Climate Change: A Natural Hazard* wrote the following in an email on the *ClimateSceptics* group page:

*I was at first confused to see the RCP concept emerge in AR5. I have come to the conclusion that RCP is no more than a sleight of hand to confuse readers and hide absurdities in the previous approach.*

*You will recall that the previous carbon emission scenarios were*

*supposed to be based on solid economic models. However this basis was challenged by reputable economists and the IPCC economic modeling was left rather ragged and a huge question mark hanging over it.*

*I sense the RCP approach is to bypass the fraught economic modeling: prescribed radiation forcing pathways are fed into the climate models to give future temperature rise—if the radiation forcing plateaus at 8.5W/m<sup>2</sup> sometime after 2100 then the global temperature rise will be 3C. But what does 8.5 W/m<sup>2</sup> mean? Previously it was suggested that a doubling of CO<sub>2</sub> would give a radiation forcing of 3.7 W/m<sup>2</sup>. To reach a radiation forcing of 7.4 W/m<sup>2</sup> would thus require a doubling again—4 times CO<sub>2</sub> concentration. Thus to follow RCP8.5 it is necessary for the atmospheric CO<sub>2</sub> concentration equivalent to exceed 1120ppm after 2100.*

*We are left questioning the realism of a RCP 8.5 scenario. Is there any likelihood of the atmospheric CO<sub>2</sub> reaching about 1120 ppm by 2100? IPCC has raised a straw man scenario to give a ‘dangerous’ global temperature rise of about 3C early in the 22<sup>nd</sup> century knowing full well that such a concentration has an extremely low probability of being achieved. But, of course, this is not explained to the politicians and policymakers. They are told of the dangerous outcome if the RCP8.5 is followed without being told of the low probability of it occurring.*

*One absurdity is replaced by another! Or have I missed something fundamental?* [\[209\]](#)

I don't think he has. In reality, it doesn't matter whether it changes anything because the underpinning of the climate science and the economics depends on accurate data and knowledge of mechanisms.

We know there was insufficient weather data on which to construct climate models and the situation deteriorated as they eliminated weather stations and ‘adjusted’ then cherry-picked data. We know knowledge of mechanisms is inadequate because the IPCC WGI Science Report says so:

*Unfortunately, the total surface heat and water fluxes (see Supplementary Material, Figure S8.14) are not well observed.*

or:

*For models to simulate accurately the seasonally varying pattern of precipitation, they must correctly simulate a number of processes (e.g., evapotranspiration, condensation, transport) that are difficult to evaluate at a global scale.*

In a perverse way the IPCC acknowledge this with their attempt to claim the “pause” in temperatures of the last 15 years was due to some “deep ocean” process. Again Kininmonth acutely observes the comment in the SPM that:

*There may also be a contribution from forcing inadequacies and, **in some models, an overestimate of the response to increasing greenhouse gas and other anthropogenic forcing** (dominated by the effects of aerosols).” [My emphasis]*

*With the inability to explain with confidence the 15 year temperature pause this is rather damning. (Two potential explanations are given for the pause, one with low confidence and the other with only medium confidence—i.e., guesswork.) It is difficult for the acolytes to now shout us down with “The science is settled!”*

Economic projections are even more difficult because of lack of data, an inability to anticipate public feedback and political reaction, but primarily the impossibility of anticipating technology and innovation. That is the critical part of the list of events in the last 75 years that completely changed the direction of history. It guaranteed that any predictions or projections would be wrong—the IPCC projections will be wrong for the same reason, but with the added problem of bad science. They must know this, so it only underscores the political nature of their work.

They’ve already shown that being wrong or being caught doesn’t matter because the objective of the scary headline is achieved by the complete disconnect between their Science Reports and the Summary for Policymakers. It is also no coincidence that the SPM is released before national politicians meet to set their budgets for climate change and the IPCC. As Saul Alinsky insisted in [\[210\]](#) rules for radicals the end justifies the means.



ALBERT ARNOLD GORE, JR

# CHAPTER THIRTEEN

## What's Next?

### The Big Lie

*All this was inspired by the principle—which is quite true in itself—that in the big lie there is always a certain force of credibility; because the broad masses of a nation are always more easily corrupted in the deeper strata of their emotional nature than consciously or voluntarily.*  
—Adolf Hitler, *Mein Kampf*

### The Precautionary Principle Excuse

*In a free society the individual is presumed to be free to act unless the state can prove harm or the potential to do harm. The precautionary principle says that no individual person is free to act unless that individual can prove to the state that the action can do no harm.*  
—Aaron Wildavsky

*So, as a political phenomenon, the “principle” is a logically unsupported attempt to justify totalitarianism?*  
—Kesten Green

### Public Relations Deception

*Want good coverage? Tell a good story. When your business is under siege, you can't hope to control the situation without first controlling the story. The most effective form of communication is a compelling narrative that ties your interest to those of your audience. This is particularly critical when you're caught in the spotlight; it doesn't matter if you have the facts on your side if your detractors are framing the story. So, don't just react. Take some time now to define your company story. Then you'll be ready to build a response into that narrative should something go wrong.*  
—Jim Hoggan, president of Hoggan and Associates in the Vancouver Sun December 30<sup>th</sup>, 2005.

Jim Hoggan is the owner of a leading Canadian PR company. He is Chairman of the Board of the David Suzuki Foundation, a major Canadian environmental group. He is also founder and sponsor of DeSmogBlog, a web site dedicated to attacking anyone who dares to ask questions about climate or environmental science. The web site only exists to promote a political agenda and attack anyone who dares to point out the errors in the science. They apparently agree with the view of Greenpeace co-founder Patrick Watson who said, “It doesn’t matter what is true, it only matters what people believe is true.” Read Hoggan’s comment above and you can see a similar mentality. The trouble is environment and climate issues are about science not spin.

The PR approach pervades the entire exploitation of climate and environment. Every time a serious problem cropped up for IPCC official climate science—or those promoting it—they hired professional spin-doctors. Why do ‘official’ climate scientists need spin-doctors? Answer: because they practice politics, not science. Climategate exposed the disgraceful behavior at the CRU as they worked to create the science required by Maurice Strong and the people orchestrating political control by pretending to save the planet. They hired PR experts to direct diversions, deceptions and cover-ups.

The greatest deception in history used science and the new paradigm of environmentalism to demonize CO<sub>2</sub>. This was done to achieve the Club of Rome goal verbalized by Maurice Strong to shut down the industrialized nations. They determined that resolution of a global problem needs a one-world government. A skillfully orchestrated campaign by a cabal of powerful people, evolved from the Club of Rome, and implemented their objective through the UN. As Elaine Dewar explained:

*Strong was using the U.N. as a platform to sell a global environment crisis and the Global Governance Agenda.*

He created the United Nations Environment Program (UNEP) within which he created the necessary political and scientific apparatus. There is nothing wrong or illegal with a political objective. The wrongdoing and illegalities are in how it was achieved. The ongoing problems are in the damage even partial implementation of the programs has created.

The world learned about the plan at Rio de Janeiro in June 1992. <sup>[211]</sup> The principle theme was the environment and sustainable development. The documents that resulted were Agenda 21, the Rio Declaration on Environment

and Development, the Statement of Forest Principles, and the United Nations Framework Convention on Climate Change (UNFCCC) and the United Nations Convention on Biological Diversity. The UNFCCC produced the definition of climate change that the Intergovernmental Panel on Climate Change (IPCC) used to narrow research to only human causes of climate change. This allowed them to produce the scientific condemnation of CO<sub>2</sub>, the byproduct of the industrial revolution that was destroying the planet.

They used science, but if it was inadequate they invoked the precautionary principle, enshrined in Principle 15 of Agenda 21. It is the standard environmentalists fallback position; we should act anyway, just in case. A global climate threat was necessary to achieve the goal of a world government. Working through the UN had several advantages for their goal as Maurice Strong said, they could get all the money they wanted and not be accountable to anyone.

From all reports, Strong is a master organizer and knows the powers of bureaucracies. The UN gave access to the bureaucracy of the World Meteorological Organization (MWO). This Organization allowed control over every national weather agency. It worked two ways. The national weather agency nominated members of the IPCC who produced the Summary for Policymakers that they then pushed on the politicians. Bureaucratic scientists challenged politicians who dared to ask questions. In most countries, these bureaucrats also controlled all the funding for climate research and directed it to research to perpetuate the fable produced by the IPCC. It was no coincidence that the SPM was released just prior to annual monetary decisions for funding the IPCC and climate change.

Three national weather agencies were central to controlling the IPCC and the research they produced. The United Kingdom Meteorological Office (UKMO) was most important because the Director, Sir John Houghton became the first co-chair of the IPCC. The UKMO's working connection ensured CRU people appointments to the IPCC. Probably because of Maurice Strong's Canadian connections Environment Canada participated from the start. Bureaucrat Gordon McBean, Assistant Deputy Minister at the agency chaired the formation meeting of the IPCC at Villach Austria in 1985. The third agency was the National Oceanic and Atmospheric Administration (NOAA), which became more directly involved in the important 2001 IPCC Report under the Co-chair of NOAA employee Susan Solomon. Ms. Solomon was critically involved previously in the CFC ozone issue.

It is remarkable how the IPCC survived the leaked emails and the "hockey

stick” fiasco. Despite all the evidence of corruption and bad science the PR people with the help of government agencies and universities were able to perpetuate the deception. Most people still think CO<sub>2</sub> is a problem, but more on that shortly.

After 1998 CO<sub>2</sub> levels increased, but despite their efforts temperatures leveled and declined. IPCC projections were wrong. According to their hypothesis this could not happen. They failed as renowned physicist Richard Feynman explains:

*In general, we look for a new law by the following process: First we guess it; then we compute the consequences of the guess to see what would be implied if this law that we guessed is right; then we compare the result of the computation to nature, with experiment or experience, compare it directly with observation, to see if it works. If it disagrees with experiment, it is wrong. In that simple statement is the key to science. It does not make any difference how beautiful your guess is, it does not make any difference how smart you are, who made the guess, or what his name is—if it disagrees with experiment, it is wrong.*

IPCC acknowledged the problem in their latest Report (AR5) released in September 2013, but ignored it, as usual. Some claim AR5 is new because it considers a previously ignored solar mechanism, but the conclusion is more incorrect than in AR4. AR5 concludes:

*Globally, CO<sub>2</sub> is the strongest driver of climate change compared to other changes in the atmospheric composition, and changes in surface conditions. Its relative contribution has further increased since the 1980s and by far outweighs the contributions from natural drivers.*

This is only true because they did not consider most *natural drivers*. They created unreal explanations, ignored contradictory evidence, used computer model generated data as real data in other computer models and used theoretical ideas as real. They made it up as they went along. They also moved the goalposts. Figure 36 shows the global temperature over the last several years. Starting in 1998 global temperatures began to level then decline. (Figure 36) Since then the decline has continued in a natural pattern related to declining



solar activity. The trouble was CO<sub>2</sub> levels continued to increase in direct contradiction to their hypothesis. According to the IPCC 90+ certainty claim, this cannot happen. It was a perfect example of T. H Huxley’s observation, “The great tragedy of science—the slaying of a beautiful hypothesis by an ugly fact.” Proper science would go back and reconsider the hypothesis. Instead, the alarmists simply moved the goalposts by changing the terminology. What was global warming caused by CO<sub>2</sub> became climate change.

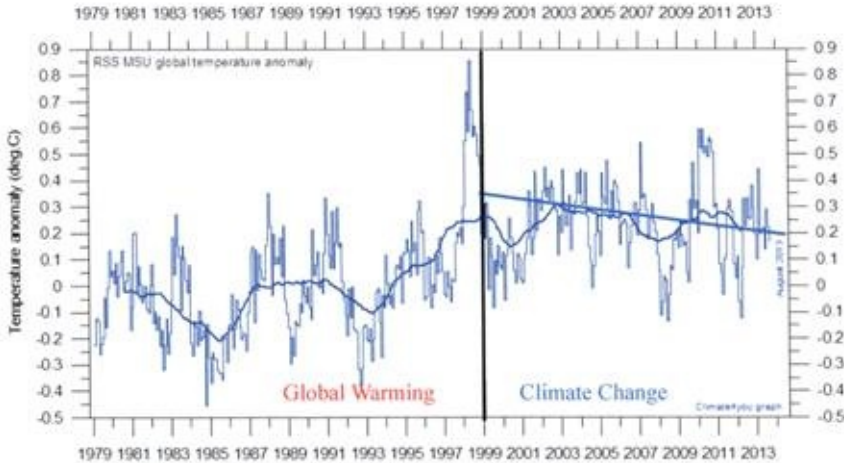


Figure 36  
The switch from global warming to climate change.

The IPCC had already switched from predictions to scenarios. These included low, medium and high temperature projections primarily determined by increasing industrial growth and the associate production of CO<sub>2</sub>. This correlation had appeared somewhat related in earlier projections, but now it was increasingly incorrect. Figure 37 shows the three projections compared to the actual temperature over the same period. [\[212\]](#)

The IPCC had already switched from predictions to scenarios. These included low, medium and high

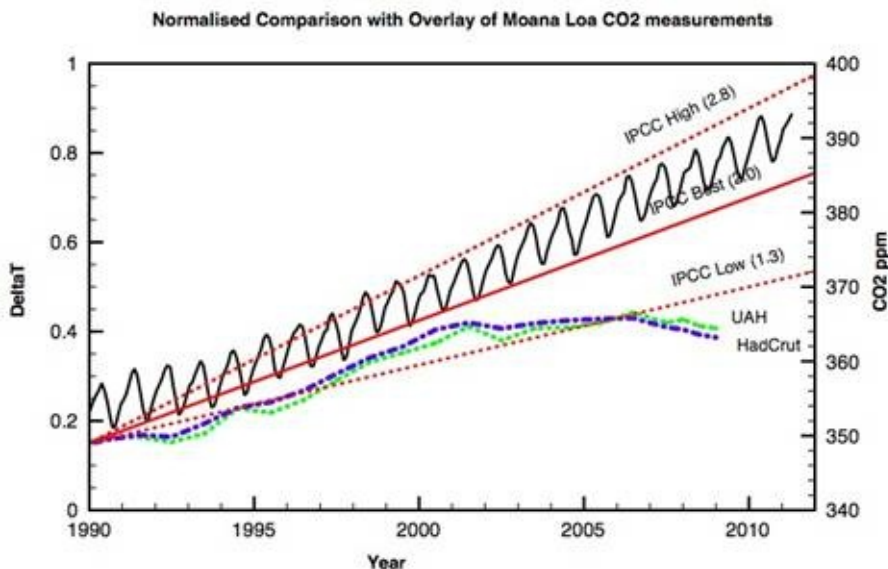


Figure 37  
When you plot the IPCC data for CO<sub>2</sub> levels over the same period it becomes obvious the extent of the influence on their projections:

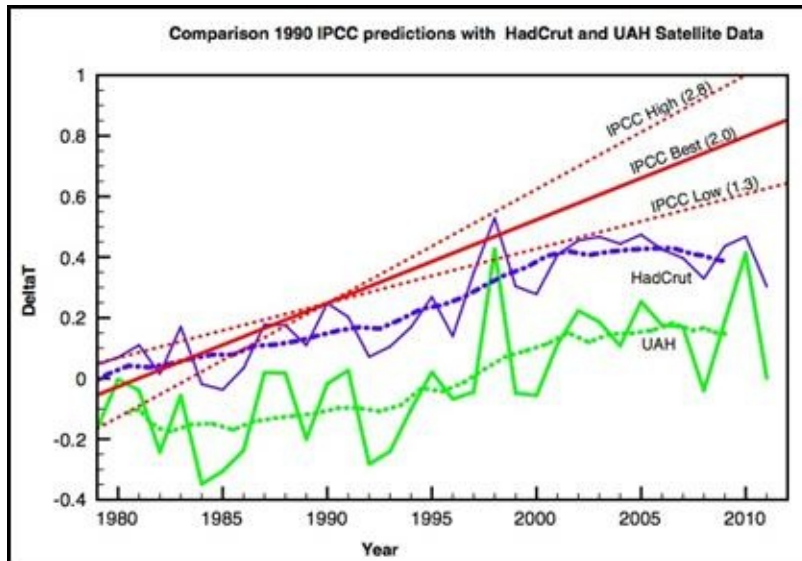


Figure 38 [\[213\]](#)

Sunspot activity correlates far better with the temperature than CO<sub>2</sub>, but the IPCC do not include the scientific evidence of the relationship between sunspots and global temperatures. History and the best scientific

evidence indicate continued decline in sunspot activity and therefore lower global temperatures. The problem is governments are preparing for warming.

Now we must deal with the economic damage created by corrupted political science because the IPCC achieved its goal of demonizing CO<sub>2</sub>. Amazingly, it was done in full view. It was achieved because most people—including skeptics and deniers—still don't understand even the most basic elements of the science. All the efforts of the so-called skeptics or deniers had little effect. It was achieved because most people were directed to look at one piece of a very extensive and complex system.

The IPCC concluded that:

*Another unusual aspect of recent climate change is its cause: past climate changes were natural in origin (see FAQ 6.1), whereas most of the warming of the past 50 years is attributable to human activities...*

...without raising red flags. How can they make such a claim when the variation of just one minor variable, albedo (the percentage of sunlight reflected back to space by the colour of the Planet), alone exceeds the entire change due to human CO<sub>2</sub>? (Figure 39)

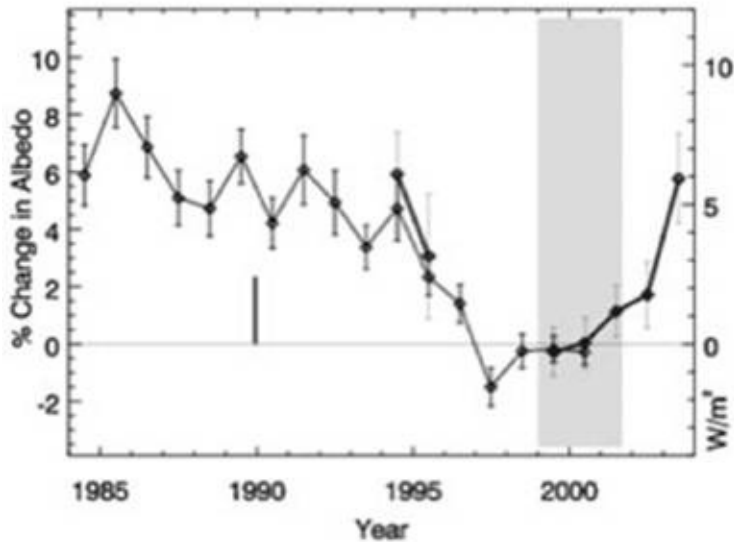


Figure 39: Global albedo change 1984-2004. Error bars due to seasonal variability of 15-20% [\[214\]](#)

Or consider Dr. Rao’s findings about cosmic rays that the IPCC don’t even consider that the contribution of decreasing cosmic ray activity to climate change is almost 40 percent, in a paper accepted for publication in *Current Science*, the preeminent Indian science journal. The IPCC model, on the other hand, says that the contribution of carbon emissions is over 90 percent.

IPCC’s success in achieving their goal is because of the deliberate process and methods put in place to direct and control their work. It is also due to the generalist nature of climatology in an age of specialization. [\[215\]](#) I spoke of this in my presentation to the First Heartland Conference in New York. The result is the IPCC was able to focus on individual components and present them out of context. They were able to put and keep the focus on CO<sub>2</sub> so that most people still don’t know it is less than 4 percent of the greenhouse gases or even that water vapor is the most abundant and important greenhouse gas.

It is true that concern about warming has diminished, overridden by economic issues and failed predictions, especially in Europe. The major problem was the switch from the term global warming to climate change. It was further amplified another PR term “climate disruptions” used by John Holdren, Obama’s science czar. [\[216\]](#) This reinforced the practice of implying or stating that current natural climate change events are unnatural.

The world is still focused on CO<sub>2</sub>, although most now incorrectly refer to it as carbon—including the US President. Most governments have policy for CO<sub>2</sub> reduction; many impose direct and indirect taxes and other forms of legislation

restricting CO<sub>2</sub> production. They reinforced this policy with subsidies to alternate energies because they produce less CO<sub>2</sub>. This almost single focus was the objective of the IPCC. Despite a steady flow of scientific challenges to its role in weather and climate, coupled with exposure of corrupt activities, it continues to dominate global energy and environmental policies. Private industry has seized the opportunities created by the focus to produce and promote products and to improve their public image. Consider car manufacturers promoting low CO<sub>2</sub> output as a sales feature. In a promotion for new vehicles Mercedes says, *Mercedes-Benz products to drop CO<sub>2</sub> emissions below 140g/km by 2012 —and two new models will lead the charge.* [\[217\]](#)

The meaningless term “Carbon Footprint” is now part of common language.

The narrow prism was deliberately chosen and the science, bureaucratic structure and propaganda designed to ‘prove’ CO<sub>2</sub>, particularly the human portion, was causing catastrophic warming and then climate change. They kept almost everyone focused on the CO<sub>2</sub> because few understand climatology and they were outmaneuvered by the propaganda. On June 9<sup>th</sup>, 2011 the *Indian Express* reported:

*Declaring that “science is politics in climate change; climate science is politics”, Union Environment Minister Jairam Ramesh on Wednesday urged Indian scientists to undertake more studies and publish them vigorously to prevent India and other developing countries from being led by our noses by Western (climate) scientists who have less of a scientific agenda and more of a political agenda.*

This statement is only necessary because despite disclosure of leaked emails, the malpractice of the ‘hockey stick’, failure of ‘predictions’, and many other serious problems, the IPCC has achieved its goal.

The Indian Minister’s direction to the scientists’ borders on the type of political interference he complains about. It is why government must be removed from climate research completely. Government agencies were used to create and perpetuate corrupted science through the IPCC, so it must be disbanded. The WMO and all government weather agencies must be restricted to data collection and dissemination—no research. Bureaucrats doing research almost guarantee it will be political. Once the Weather bureaucracies adopted the IPCC Reports as gospel, they worked to block research that disproved the AGW hypothesis, thus defeating the scientific method. Weather and climate research funding can come

from government—but only through arms-length agencies.

John Maynard Keynes said:

*When the facts change, I change my mind. What do you do, sir?*

Keynes comment is especially applicable to science. It is the duty of all scientists to question a new hypothesis and find facts that might change minds. The scientific method requires that you try to disprove the hypothesis. The IPCC hypothesis proposed that an increase in CO<sub>2</sub> would result in global warming and it would increase because of human additions from a developed world. They excluded and modified data and facts instead of letting it reject or reset their hypothesis. The constant and persistent effort by the IPCC was to prove the hypothesis.

All these practices continue as evidenced by a leak of the draft IPCC Report known as AR5. [\[218\]](#) One group tried to re-establish the claim that the Antarctic ice core record showed CO<sub>2</sub> increase preceded temperature increase. Another, including one of the same authors, tried to produce a “hockey stick” type graph to show that 20<sup>th</sup> century warming was unprecedented. It was achieved using the similar technique of grafting a doctored modern temperature record on to a proxy record of a few samples around the world. The latter study was released in time for inclusion in AR5, but not leaving sufficient time for peer reviewed rebuttals.

The greatest deception continues for a variety of reasons. They are the same reasons why a diversity of people became involved:

- They were part of the cabal who chose climate and environment as vehicles for their political agenda.
- They were academics attracted by the funding offered in massive amounts.
- They were academics seeking the funding, but also with political sympathies with the cabal’s objectives.
- They were bureaucrats pulled in by the national organizational structure chosen through the UN World Meteorological Organization (WMO).
- They were bureaucrats with political sympathies with the cabal objectives.
- They were politicians who saw an opportunity to “be green.”
- They were businesses that saw an opportunity for a profitable business guaranteed by government policy and funding.
- They were people who simply saw a business opportunity.
- They were global environmental groups who supported the political objectives

of blaming humans for the world's ills.

- They were Non-Government Organizations (NGOs). The term coined by the UN in 1945, but reconstituted by Maurice Strong for the Rio 1992 conference and comprising organizations not part of a government or conventional for-profit businesses.
- They were politicians who saw an opportunity for more taxation.

## **The Damage and the Irony**

### **Overpopulation**

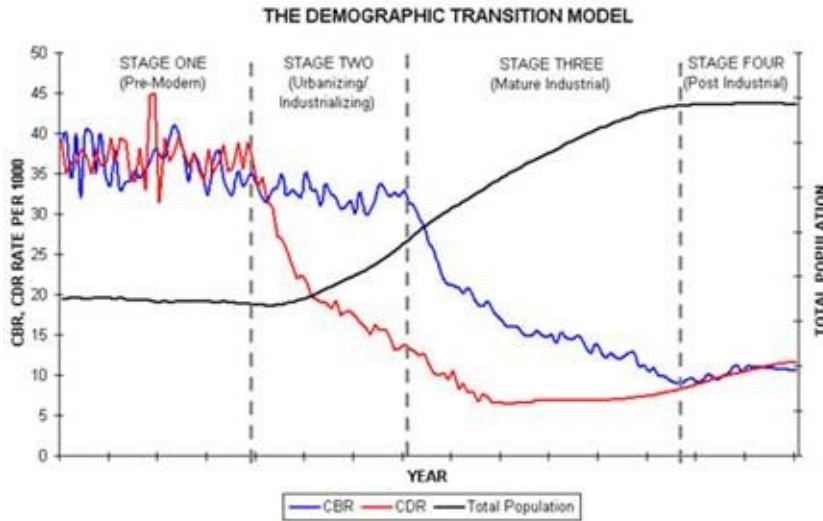
The underlying theme of the Club of Rome and Agenda 21 was a Neo-Malthusian belief that the world is overpopulated. At the population conference in Cairo Al Gore said:

*No single solution will be sufficient by itself to produce the patterns of change so badly needed.*

The comment is true on its face, but Gore's solutions have already failed and will do further damage if continued. Ironically, the solution to overpopulation is already known and proved. The problem for Gore the Club of Rome and Agenda 21 is it is in direct opposition to their solutions. Their predictions were wrong but more important another pattern had emerged. It is known as the Demographic Transition Model (Figure 40). [\[219\]](#) It shows that populations decline with economic development—the very thing the entire Strong orchestrated agenda was designed to oppose.

Figure 40

It shows, and all the statistics confirm, that populations decline as nations industrialize and the economy grows. Ironically, the problem in most developed countries is too rapid a decline in population and insufficient young people to support the massively expensive social programs for the elderly. Many of them offset the population decline with immigration. Generally supporters of the Gore/Holdren/Ehrlich/Agenda 21 approach favor immigration, but in reality it only papers over the problems while creating others. Most emigrants are economic migrants seeking better economies. If the economies were better where they were born or live they likely would not migrate.



## Alternate Energies and Green Economies

The false demonization of CO<sub>2</sub> was to reduce industry by reducing fossil fuels. It was accompanied by plans to replace fossil fuels with alternate energies that would create new green jobs and

economies. It failed everywhere it was tried. Many countries and regions are already reversing their energy plans. For example, Europe is going back to coal.

[220] Figure 41 [221] shows a view in Britain as power bills soar.

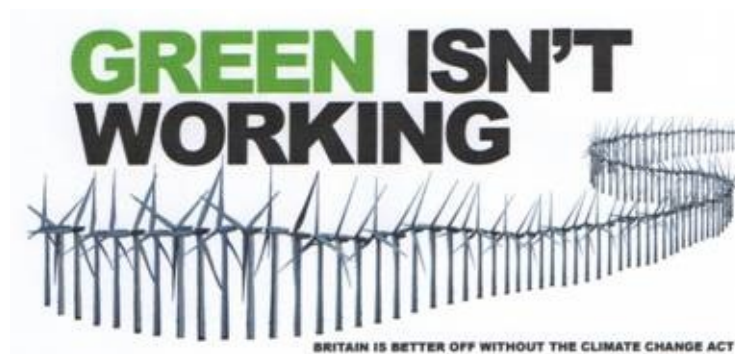


Figure 41

Rather than discuss all the countries and their well-documented problems there is a region that typifies the problems when the green agenda is implemented. It is particularly appropriate because Maurice Strong, father of the UNEP and IPCC, was the one who instituted it.

Citizens of the Canadian Province of Ontario are paying for the green energy agendas created by Maurice Strong when he was head of Ontario Hydro, the public utility that controls all grid power. He was subsequently aided and abetted by environmentalist David Suzuki and Provincial Premier Dalton McGuinty who pushed Strong's disastrous policies. It will take years to rebuild adequate facilities. They ignored the science, but that is the pattern of politicians from

former US Senator Timothy Wirth in 1993 who said:

*We've got to ride the global warming issue. Even if the theory of global warming is wrong, we will be doing the right thing.*

...to Canadian Environment Minister Christine Stewart who said:

*No matter if the science of global warming is all phony... climate change provides the greatest opportunity to bring about justice and equality in the world.*

Strong began Ontario Hydro's problems when appointed Chairman by NDP Premier Bob Rae in 1992. A 1997 article titled *Maurice Strong: The new guy in your future* says:

*Maurice Strong has demonstrated an uncanny ability to manipulate people, institutions, governments, and events to achieve the outcome he desires...The fox has been given the assignment, and all the tools necessary, to repair the henhouse to his liking.* [\[222\]](#)

This applies to his UN role, but also applies to his Ontario Hydro role.

One [report](#) says: Within no time of his arrival, he firmly redirected and re-structured Ontario Hydro. At the time, Ontario Hydro was hell-bent on building many more nuclear reactors, despite dropping demand and rising prices. Maurice Strong grabbed the Corporation by the scruff of the neck, reduced the workforce by one third, stopped the nuclear expansion plans, cut capital expenditures, froze the price of electricity, pushed for sustainable development, made business units more accountable.

*Sounded good, but it was a path to inadequate supply.* [\[223\]](#)

Key is the phrase he, *pushed for sustainable development*. In the same year, 1992, Strong, in the keynote speech at the Rio Earth Summit he organized, said:

*Current lifestyles and consumption patterns of the affluent middle class—involving high meat intake, the use of fossil fuels, electrical appliances, home and workplace air-conditioning, and suburban*



*housing—are not sustainable.*

He'd already created mechanisms to eliminate fossil fuels and bring about reduction and destruction of western economies, including Ontario. It's summarized in his speculation:

*Isn't the only hope for the planet that the industrialized civilizations collapse? Isn't it our responsibility to bring that about?*

How do you cause industrial civilizations to collapse? You cut off their energy supply. Fossil fuels drive the industrial economies and CO<sub>2</sub> is a byproduct. Show it is causing irreparable climate damage and you can demand alternative energy replacements. Strong achieved this with the IPCC and at Ontario Hydro. He used the narrow definition of climate change created by the United Nations Framework Convention on Climate Change (UNFCCC), as only human caused changes. Trouble is this is impossible if you don't know the amount and cause of natural change. Ontario is in trouble because it switched to alternate energies. It is in further trouble because the world is cooling naturally, not warming as Strong's agenda assumed.

IPCC created the science to prove human CO<sub>2</sub> was the problem and the politics to claim failure to act guarantees catastrophe. Strong controlled who participated through the bureaucratic members of the World Meteorological Organization (WMO). An Assistant Deputy Minister of Environment Canada (EC), who subsequently controlled most Canadian climate research funding, chaired the IPCC formation meeting in 1985. Using Weather Departments gave bureaucrats ascendancy over politicians.

CO<sub>2</sub> is not causing warming or climate change. There is no scientific need to replace fossil fuels. Replacing them with alternative energies compounds the problems. A US Senate report notes:

*Comparisons of wind, solar, nuclear, natural gas and coal sources of power coming on line by 2015 show that solar power will be 173% more expensive per unit of energy delivered than traditional coal power, 140% more than nuclear power and natural gas and 92% more expensive than wind power. Wind power is 42% more expensive than nuclear and natural gas power.... Wind and solar's "capacity*

*factor” or availability to supply power is around 33%, which means 67% of the time wind and solar cannot supply power and must be supplemented by a traditional energy source such as nuclear, natural gas or coal.*

Wind turbulence restricts the number of turbines to 5 to 8 turbines per 2.6 square kilometers. With average wind speeds of 24 kph it needs 8,500 turbines covering 2590 square kilometers to produce the power of a 1000 MW conventional station. To put this in perspective Ontario closed two 1000 MW plants in 2011—the Lambton and the Nanticoke coal fired plants. You need 5,180 sq kms of land to replace them with wind power. Besides the land, you still need coal-fired plants running at almost 100 percent for back up. But the Ontario situation only relates to coal, nuclear and wind. There are similar limitations on all alternate energies.

We’re in this predicament because of exploitation by politicians and environmental groups who deliberately ignore scientific evidence and corruption in climate science. Options were dramatically reduced by campaigns of fear against nuclear power creating legislation so that it now takes up to 14 years to construct a nuclear power plant. [\[224\]](#)

Capabilities of alternative energies were misrepresented and real costs grossly distorted by subsidies. There are so many subsidies at so many different stages that it is probably impossible to do accurate and useable cost/benefit analyses. One definition says:

*Alternative energy is an umbrella term that refers to any source of useable energy intended to replace fuel sources without the undesired consequences of the replaced fuels.* [\[225\]](#)

If this were true what people consider alternative energies would qualify as “replaced fuels.” It is a cute academic definition, but the reality is the only fuels considered “undesirable” are those that produce CO<sub>2</sub>. This is because of the deceptive work of the IPCC. People forget that their predictions of future temperatures are based on continued and increasing demand for electricity—business as usual. They cannot anticipate technological innovations. For example, though expensive at present, Light Emitting Diode (LED) white light

will dramatically reduce power requirements.

Some define renewable energies as the only acceptable alternative energies, but they have severe limitations. The focus is diverted away from the real power production problems and potential resolutions. Even President Obama concedes they're not a short-term solution, but they're not a long-term solution either. Major energies touted are wind and solar, but in 2007 they provided only 6 percent of alternative US production, which is just 7 percent of total US production (Figure 42). Percentages have changed slightly but are still insignificant and limitations continue.

The Role of Renewable Energy Consumption in the Nation's Energy Supply, 2007

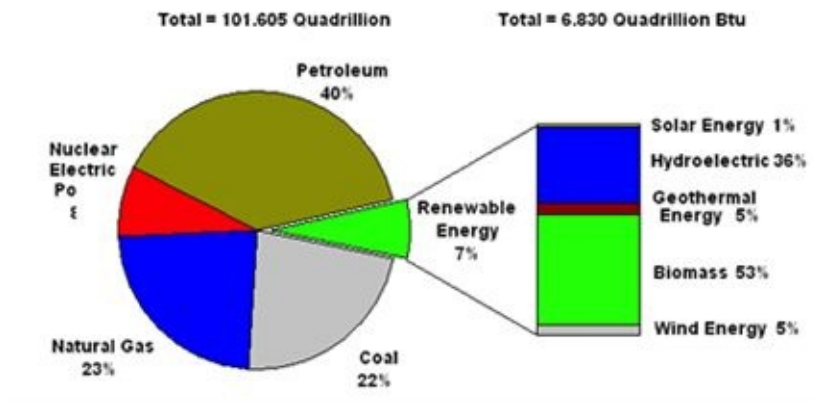


Figure 42 [\[226\]](#)

Except for petroleum to drive vehicles the common denominator of any energy source is to produce electricity. The overarching need is for a continuous supply of energy. Solar and wind

are not continuous, so they must have backup sources instantly available and coal, oil, or nuclear are the only options. Countries that have attempted wind power experience an increase in CO<sub>2</sub> production. An article titled “*Wind power is a complete disaster*” reports the German experience:

*Germany's CO<sub>2</sub> emissions haven't been reduced by even a single gram—and additional coal and gas-fired plants have been constructed to ensure reliable delivery.* [\[227\]](#)

Denmark has the highest percentage of wind power and their experience is telling. As the National Post article reports:

*Its electricity generation costs are the highest in Europe (15¢/kwh compared to Ontario's current rate of about 6¢). Niels Gram of the Danish Federation of Industries says, “windmills are a mistake and*

*economically make no sense.” Aase Madsen , the Chair of Energy Policy in the Danish Parliament, calls it “a terribly expensive disaster.”*

Because the wind can drop or surge suddenly it puts stress that can overload the grid so wind power is generally limited to 12 percent of the total supply. Other problems include the surge demand placed on the grid when the wind drops off, or the addition of surplus power when the electrical demand drops and wind power is still being added. A report from Britain tells of wind farms being paid to shut down turbines to prevent this problem. [\[228\]](#) These are economic realities, but add in the number of birds killed, the blight on the landscape, and the cost of transmission from remote locations and it is not an alternative.

Solar power is no better. Spain has paid the price and has moved to stop the bleeding.

*Spain is lancing an 18 billion-euro (\$24 billion) investment bubble in solar energy that has boosted public liabilities choking off new projects as it works to cut power prices and insulate itself from Greece’s debt crisis.* [\[229\]](#)

Loss of supply is slightly more predictable because of known hours of daylight. However, these are less than half the day in winter for most of the world. The unknown factor is cloud cover. You reduce this by going to desert regions but then there is windblown sand damage, as well as vast arrays despoiling landscapes and ecologies.

We’ve already experienced limitations of biofuels triggered by government subsidies. In that case it was simply US agricultural land diverted. As one review notes:

*Switching to biodiesel on a large scale requires considerable use of our arable area. Even modest usages of biodiesel would consume almost all cropland in some countries in Europe!* [\[230\]](#)

-  
More CO<sub>2</sub> and nitrogen oxides are produced than from fossil fuels, but they

divert from this reality by presenting a net figure achieved by subtracting CO<sub>2</sub> used to grow the plant. Biodiesel has lower fuel efficiency than petro-diesel. Low temperatures are a serious limit for all diesels but worse for biodiesels.

Geothermal has potential but is limited in location and usually far from where it is needed. The same is true for hydroelectric and tidal power. If the world really wants to solve the energy problems a prize for a method of reducing line loss, and another for a method to effectively store electricity would be better than alternate energies.

Promoting energy policies based on falsified science and alternative energies that don't work is unacceptable. When they've been tried and already failed as in Ontario, it is incredible anyone would continue to promote them. The people will pay the price as they have already.

### **Final Stages of an Exploited Paradigm Shift**

The sad truth is none of the energy and economic policies triggered by the demonization of CO<sub>2</sub> were necessary. The price paid even to date is incalculable and it will go on costing for too many people, especially scientists and governments, who built their entire careers around the falsehoods. Environmentalism was an essential paradigm shift and as usual the majority saw the general sense and benefits but were unsure about the limits. The situation was complicated as a small group took environmentalism and the subset of climate to push through a political agenda. Extremists define the limits for the majority by behaving or promoting ideas and actions that most can define as detrimental. In the case of environmentalism and climate those with the political agenda became the extremists.

Because they applied politics to science they perverted the scientific method by proving their hypothesis to predetermine the result. They bullied, marginalized, and silenced skeptics for a while, but natural events contradicted their predictions. Instead of acknowledging the error of their science they orchestrated a desperate counterattack. There are two major dangers of what was done. 1. The credibility of science, especially climatology will suffer badly. 2. Environmental issues will suffer because people will say you lied to us before why should we believe you now. There are a multitude of minor damages that people become aware of as the switch to alternative energies, green economies and green jobs continue.

Hopefully, this book has exposed the greatest deception in science and human history; what was done and how it was done. Problems are only a problem if you are unaware of them. Once the problem is defined it is possible to define solutions. It is time to demand accountability and set up processes and procedures to prevent such global deceptions. As Samuel Johnson said, “Hope is itself a species of happiness, and perhaps, the chief happiness which this world affords.”

---

[1] Even today the name ‘Piltdown’ sends a shiver through the scientific community, for this quiet Sussex village was the site of a dramatic and daring fraud, the fallout from which continues to affect us. Between 1908 and 1912, the discovery of human skull fragments, an ape-like jaw and crudely worked flints close to Piltdown was hailed by the world’s press as the most sensational archaeological find ever: the ‘missing link’ that conclusively proved Charles Darwin’s theory of evolution. *The Piltdown Man Hoax: Case Closed*, Miles Russell, The History Press

[2] <http://notrickszone.com/2012/05/09/the-belief-that-co2-can-regulate-climate-is-sheer-absurdity-says-prominent-german-meteorologist/>

[3] <http://wattsupwiththat.com/2009/12/12/aps-seth-borenstein-is-just-too-damn-cozy-with-the-people-he-covers-time-for-ap-to-do-somethig-about-it/>

[4] <http://toryaardvark.com/2009/12/27/climategate-the-bbcs-unhealthy-connection-with-michael-mann/>

[5] *Climate Stabilization: For Better or for Worse?* William W. Kellogg and Stephen H. Schneider, Science, Volume 186, December 27, 1974  
[http://www.sciencemag.org/content/186/4170/1163.full.pdf?ijkey=9f44624ad3ffeba22871a30e3d100d92d8bbd4c7&keytype=tf\\_ipsecsha](http://www.sciencemag.org/content/186/4170/1163.full.pdf?ijkey=9f44624ad3ffeba22871a30e3d100d92d8bbd4c7&keytype=tf_ipsecsha)

[6] As reported by John L. Daly, <http://www.john-daly.com/quotes.htm>

[7] 1999 Gallup poll, <http://www.gallup.com/poll/3742/new-poll-gauges-americans-general-knowledge-levels.aspx>

[8] Scopes Trial, beginning July 10<sup>th</sup>, 1925, at Dayton, Tenn., and lasting 11 days, was one of the most widely publicized legal cases in 20<sup>th</sup> century U.S. history. The charge was that John Thomas Scopes, a teacher of science in Rhea high school in Dayton, had violated the Tennessee state law prohibiting the teaching in public schools of any theories that deny the divine creation of man as taught in the Bible. Scopes, a biologist, had been teaching evolution. Scopes was convicted and fined \$100. The defense appealed the case to the state supreme court, which in 1927, upheld the constitutionality of the 1925 law, but cleared Scopes on a technicality.

Source: Encyclopedia Britannica, 1961, Vol. 20, p. 132-133, Harry Elmer Barnes.

[9] Source: <http://www.iisd.ca/Cairo/program/p03001.html>

[10] [http://zombietime.com/john\\_holdren/](http://zombietime.com/john_holdren/)

[11] <http://www.propagandamatrix.com/prince.html>

- [12] Quoted in *Beyond Cruelty*, Katie McCabe, Washingtonian, February 1990, p. 191.
- [13] *Voluntary Human Extinction*, Les U. Knight, Wild Earth, Vol. 1, No. 2, (Summer 1991), p. 72.
- [14] Richard Conniff, *Fuzzy-Wuzzy Thinking*, Audubon Society Magazine, November 1990.
- [15] <http://www.indianexpress.com/news/Climatescience-mired-in-politics--Jairam/801199/>
- [16] <http://content.time.com/time/world/article/0,8599,2025113,00.html>
- [17] Sir John Houghton, *The Science of Global Climate Change. Facing the Issues. What are the Issues?* Cape Town 2010 Advance Paper
- [18] *The Population Bomb*, Dr. Paul R. Ehrlich, Sierra Club Press, San Francisco, 1969
- [19] *Ecoscience: Population, Resources, Environment*, Paul R. Ehrlich, John P. Holdren, Anne H. Erhlich, W.H. Freeman & Co., 1978.
- [20] *Population and Panaceas A Technological Perspective*, Paul R. Erlich and John P. Holdren, *BioScience*, Vol. 19, No. 12 (Dec., 1969), pp. 1065-1071, <http://www.jstor.org/stable/1294858>
- [21] *Energy: A Crisis in Power*, John P. Holdren and Philip Herrera, Sierra Club Press, 1972.
- [22] [http://www.forbes.com/2009/02/03/holdren-obama-science-opinions-contributors\\_0203\\_ronald\\_bailey.html](http://www.forbes.com/2009/02/03/holdren-obama-science-opinions-contributors_0203_ronald_bailey.html)
- [23] <http://thecriticalthinker.wordpress.com/2008/11/01/ted-turner-overpopulation-causes-global-warming/>
- [24] <http://www.census.gov/main/www/popclock.html>
- [25] [http://usatoday30.usatoday.com/news/nation/census/2009-07-26-overcount\\_N.htm](http://usatoday30.usatoday.com/news/nation/census/2009-07-26-overcount_N.htm)
- [26] Source: <http://www.statcan.gc.ca/start-debut-eng.html>
- [27] Source: <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>
- [28] *Population Expert Faults Wealthy*, Sarasota Herald-Tribune, April 6, 1990, <http://news.google.com/newspapers?id=TjAcAAAIAIAJ&sjid=KH0EAAAIAIAJ&pg=6924,333924&hl=en>
- [29] *Trashing the Planet: How Science Can Help Us Deal With Acid Rain, Depletion of the Ozone, and Nuclear Waste (Among Other Things)*, Dixy Lee Ray, Perennial Press, 1992.
- [30] Maurice Strong, Opening speech, Rio Earth Summit, 1992
- [31] Source: <http://www.ibiblio.org/pub/archives/whitehouse-papers/1994/Sep/1994-09-13-VP-Gore-on-Close-of-Population-and-Development-Conf>
- [32] The United Nations International Conference on Population and Development (ICPD) held from 5-13 September 1994 in Cairo, Egypt. <http://www.iisd.ca/cairo.html>
- [33] Source: <http://www.iisd.ca/Cairo/program/p03001.html>
- [34] Source: <http://www.unfpa.org/pds/sustainability.htm>
- [35] U.S. Department of State Dispatch Supplement Volume 5, Number, September 8<sup>th</sup>, 1994, UN

- International Conference on Population and Development,  
[36] <http://capitalresearch.org/pubs/pdf/v1185475433.pdf>
- [37] Source: <http://dieoff.org/page25.htm>
- [38] Source:[http://www.ipcc.ch/publications\\_and\\_data/ar4/wg2/en/frontmattersforeword.html](http://www.ipcc.ch/publications_and_data/ar4/wg2/en/frontmattersforeword.html)
- [39] <http://www.answers.com/topic/maurice-strong>
- [40] <http://www.scribd.com/doc/13160503/The-First-Global-Revolution-Club-of-Romes-1991-Report>
- [41] *Cloak of Green: The Links between Key Environmental Groups, Government and Big Business*, Elaine Dewar, Lorimer Press, 1995.
- [42] <http://www.enterstageright.com/archive/articles/1201/1201strong.txt>
- [43] Bulletin of the Atomic Scientists, September, 1972. p.17
- [44] <http://www.gdrc.org/u-gov/precaution-7.html>
- [45] [http://unfccc.int/essential\\_background/convention/background/items/2536.php](http://unfccc.int/essential_background/convention/background/items/2536.php)
- [46] *Through all the Changing Scenes of Life—A Meteorologist's Tale*, Hubert Lamb, Taverner Publications, 1997.p. 203.
- [47] <http://news.heartland.org/newspaper-article/2001/06/01/ipccreport-criticized-one-its-lead-authors>
- [48] Ibid.
- [49] [http://scienceandpublicpolicy.org/images/stories/papers/originals/climate\\_money.pdf](http://scienceandpublicpolicy.org/images/stories/papers/originals/climate_money.pdf)
- [50] Ibid.
- [51] From: Principles Governing IPCC work, approved at the 14th Session, Vienna 1-3 October 1998 and amended at the 21st Session, Vienna 6-7 November, 2003.
- [52] Ibid.
- [53] <http://www.guardian.co.uk/politics/2006/oct/30/economy.uk>
- [54] [http://www.ipcc.ch/organization/organization\\_history.shtml#.UcXIxPmsh8E](http://www.ipcc.ch/organization/organization_history.shtml#.UcXIxPmsh8E)
- [55] [http://www.john-daly.com/guests/un\\_ipcc.htm](http://www.john-daly.com/guests/un_ipcc.htm)
- [56] <http://pjmedia.com/blog/climategate-computer-codes-are-thereal-story/>
- [57] As related in *Science under Siege: How the Environmental Misinformation Campaign Is Affecting Our Lives*, Michael Fumento, William Morrow, June 1996.
- [58] <http://www.pbs.org/wgbh/pages/frontline/hotpolitics/interviews/wirth.html>
- [59] Ibid.
- [60] Ibid.
- [61] Ibid.
- [62] <http://image.guardian.co.uk/sys->



files/Environment/documents/2008/06/23/ClimateChangeHearing1988.pdf

[63] United States Senate Committee on Energy and Natural Resources, June 23<sup>rd</sup>, 1988

[64] Some scientists, such as James Hansen and myself, have led efforts to estimate what volcanic or solar forcings may have contributed to 20<sup>th</sup> century temperature trends. Indeed, such estimates improve the match of our computer model simulations to observed twentieth-century temperature trends. However, all of us have admitted, without more quantitatively reliable information these exercises can do nothing more than sketch out plausible rather than definitive results.

—Stephen H. Schneider, *Global Warming, Are We Entering the Greenhouse Century?*, Lutterworth Press, 1989, p. 297

[65] *Me and my God* column, *Sunday Telegraph*, September 10<sup>th</sup>, 1995

[66] <http://www.guardian.co.uk/politics/2003/jul/28/environment.greenpolitics>

[67] <http://www.ipcc.ch/pdf/ipcc-principles/ipcc-principles-appendix-a.pdf>

[68] [http://www.ipcc.ch/publications\\_and\\_data/ar4/wg1/en/contents.html](http://www.ipcc.ch/publications_and_data/ar4/wg1/en/contents.html)

[69] [http://www.stephenjaygould.org/ctrl/popper\\_falsification.html](http://www.stephenjaygould.org/ctrl/popper_falsification.html)

[70] <http://www.drroyspencer.com/2011/02/on-the-house-vote-to-defund-the-ipcc/>

[71] From: Principles Governing IPCC work, approved at the 14<sup>th</sup> Session, Vienna 1-3 October 1998 and amended at the 21<sup>st</sup> Session, Vienna 6-7 November, 2003.

[72] Ibid.

[73] *Unstoppable Global Warming: Every 1,500 Years, Updated and Expanded Edition*, 2007, S. Fred Singer and Dennis T. Avery, Rowman & Littlefield, p. 64.

[74] Figure 1 at <http://www.john-daly.com/sonde.htm>

[75] <http://www.ecowho.com/foia.php?file=1047388489.txt&search=Hans+von+Storch>

[76] <http://www.prisonplanet.com/exclusive-lead-author-admits-deleting-inconvenient-opinions-from-ipccreport.html>

[77] <http://www.john-daly.com/sonde.htm>

[78] [http://www.ipcc.ch/ipccreports/far/wg\\_I/ipcc\\_far\\_wg\\_I\\_full\\_report.pdf](http://www.ipcc.ch/ipccreports/far/wg_I/ipcc_far_wg_I_full_report.pdf), p. 202

[79] *Proxy climatic and environmental changes of the past 1,000 years*, Soon, W., and S. Baliunas, 2003 *Climate Research*, 23, 89–110.

[80] <http://www.telusplanet.net/dgarneau/climate-e-mails.htm>

[81] Climategate email from Michael Mann, October 16<sup>th</sup>, 2003

[82] [www.techcentralstation.com](http://www.techcentralstation.com)

[83] [http://zombietime.com/john\\_holdren/](http://zombietime.com/john_holdren/)

[84] Rosanne D'Arrigo, Tree-Ring Laboratory, Lamont-Doherty Earth Observatory of Columbia University addressing a National Academy of Sciences Panel Hearing in 2006 as referenced by Steve McIntyre,

<http://climateaudit.org/2006/03/07/darrigo-making-cherry-pie/>

[85] <http://www.uoguelph.ca/~rmckitri/research/WegmanReport.pdf>

[86] Ibid.

[87] Ibid.

[88] <http://www.realclimate.org/index.php/archives/2005/01/peerreview-ii/>

[89] <http://nofrakkingconsensus.com/2011/08/23/the-journal-of-climate-the-ipcc/>

[90] <http://nofrakkingconsensus.com/2011/08/23/the-journal-of-climate-the-ipcc/>

[91] IPCC, FAR, SPM, p. xi

[92] IPCC, FAR, SPM, p. xxviii

[93] Koutsoyiannis, D., N. Mamassis, A. Christofides, A. Efstratiadis and S.M. Papalexiou, *Assessment of the reliability of climate predictions based on comparisons with historical time series*, European Geosciences Union General Assembly 2008, Geophysical Research Abstracts, Vol. 10, Vienna, 09074, European Geosciences Union, 2008.

[94] <http://skeptdic.com/lysenko.html>

[95] <http://www.marshall.org/pdf/materials/225.pdf>

[96] <http://wattsupwiththat.com/2013/06/18/the-ensemble-of-models-is-completely-meaningless-statistically/>

[97] <http://wattsupwiththat.com/2013/07/27/another-uncertainty-for-climate-models-different-results-on-different-computers-using-the-same-code/#more-90513>

[98] <http://www.free-online-private-pilot-ground-school.com/Aviation-Weather-Principles.html>

[99] <http://www-das.uwyo.edu/~geerts/cwx/notes/chap01/tropo.html>

[100] <http://bigstory.ap.org/article/predicting-presidents-storms-and-life-computer>

[101] <http://www.people-press.org/2012/01/23/public-priorities-deficit-rising-terrorism-slipping/>

[102] <http://blogs.telegraph.co.uk/news/jamesdelingpole/100017393/climategate-the-final-nail-in-the-coffin-of-anthropogenic-global-warming/>

[103] [http://en.wikipedia.org/wiki/Hurricane\\_Sandy](http://en.wikipedia.org/wiki/Hurricane_Sandy)

[104] [http://www.ipcc.ch/publications\\_and\\_data/ar4/wg1/en/ch8.html](http://www.ipcc.ch/publications_and_data/ar4/wg1/en/ch8.html)

[105] <http://drtimball.com/2012/climate-change-of-the-ipcc-is-daylight-robberyclimate-change-of-the-ipcc-is-daylight-robbery/>

[106] Steven F. Hayward, Kenneth P. Green, and Joel Schwartz for the AEI.

[107] <http://climateaudit.org/2008/05/25/wahl-and-ammann-2007-and-ipcc-deadlines/>

[108] [http://www.ipcc.ch/publications\\_and\\_data/ar4/wg1/en/ch8s8-2.html](http://www.ipcc.ch/publications_and_data/ar4/wg1/en/ch8s8-2.html)

[109] [http://www.ipcc.ch/publications\\_and\\_data/ar4/wg1/en/ch8s8-2.html#table-8-1](http://www.ipcc.ch/publications_and_data/ar4/wg1/en/ch8s8-2.html#table-8-1)

- [110] [http://www.ipcc.ch/publications\\_and\\_data/ar4/wg1/en/ch8s8-2.html](http://www.ipcc.ch/publications_and_data/ar4/wg1/en/ch8s8-2.html)
- [111] <http://blogs.knoxnews.com/munger/2011/12/noaas-petascale-computer-for-c.html>
- [112] Original Photo ORNL photos by Jay Nave <http://blogs.knoxnews.com/munger/2011/12/noaas-petascale-computer-for-c.html>
- [113] <http://www.ecmwf.int/newsevents/meetings/workshops/2008/ModellingSummit/presentations/Abstract>
- [114] [http://www.oag-bvg.gc.ca/internet/English/att\\_c20060901xe02\\_e\\_14568.html](http://www.oag-bvg.gc.ca/internet/English/att_c20060901xe02_e_14568.html)
- [115] <http://www2.canada.com/topics/news/story.html?id=5852120>
- [116] <http://www.ecmwf.int/newsevents/meetings/workshops/2008/ModellingSummit/presentations/Abstract>
- [117] <http://buythetruth.wordpress.com/2009/06/24/met-office-fraudcast/>
- [118] [http://scienceandpublicpolicy.org/originals/policy\\_driven\\_deception.html](http://scienceandpublicpolicy.org/originals/policy_driven_deception.html)
- [119] <http://wattsupwiththat.com/2013/07/23/noconsensus-among-three-global-precipitation-datasets/>
- [120] “Waiting for the Monsoon” *Science* VOL 313, 4 Aug 2006.)
- [121] <http://www.spaceref.com/news/viewpr.html?pid=37477>
- [122] [http://www.ghcc.msfc.nasa.gov/landprocess/lp\\_home.html](http://www.ghcc.msfc.nasa.gov/landprocess/lp_home.html)
- [123] Through all the Changing Scenes of Life: A Meteorologists Tale, Hubert Lamb, Taverner Publications, 1997, page 203
- [124] Source: BEST Report
- [125] [http://en.wikipedia.org/wiki/Stevenson\\_screen](http://en.wikipedia.org/wiki/Stevenson_screen)
- [126] Source: C. Bruce Richardson Jr.
- [127] <http://www.surfacestations.org/>
- [128] [http://scienceandpublicpolicy.org/images/stories/papers/originals/surface\\_temp.pdf](http://scienceandpublicpolicy.org/images/stories/papers/originals/surface_temp.pdf)
- [129] <http://www.theaustralian.com.au/opinion/columnists/climate-alarmists-pose-real-threat-to-freedom/story-e6frg7ef-1111115772269>
- [130] <http://capitalresearch.org/pubs/pdf/v1185475433.pdf>
- [131] [http://news.bbc.co.uk/cbbcnews/hi/world/newsid\\_3382000/3382019.stm](http://news.bbc.co.uk/cbbcnews/hi/world/newsid_3382000/3382019.stm)
- [132] <http://wattsupwiththat.com/2010/01/24/the-scandal-deepens-ipcc-ar4-riddled-with-non-peerreviewed-wwf-papers/>

The COP is the link between the IPCC and policy as they explain: “The Conference of the Parties (COP) is the "supreme body" of the Convention, that is, its highest decision-making authority. It is an association of all the countries that are Parties to the Convention. The COP is responsible for keeping international efforts to address climate change on track.”

- [133] [http://unfccc.int/essential\\_background/convention/convention\\_bodies/items/2629.php](http://unfccc.int/essential_background/convention/convention_bodies/items/2629.php)

- [134] <http://climateaudit.org/2011/07/20/east-anglias-toxic-reputation-manager/>
- [135] [http://www.smalldeadanimals.com/FOIA\\_Leaked/](http://www.smalldeadanimals.com/FOIA_Leaked/)
- [136] “Ad Hoc Committee Report on the ‘Hockey Stick’ Global Climate Reconstruction” for the Chair of the US Congress Committee on Energy and Commerce and the Chair of the Subcommittee on Oversight and Investigations.
- [137] <http://www.express.co.uk/posts/view/169578/College-gives-files-of-climate-change-sceptics-to-police>
- [138] <http://www.dailymail.co.uk/news/article-1231763/BBC-weatherman-ignored-leaked-climate-row-emails.html>
- [139] <http://www.bbc.co.uk/blogs/paulhudson/2009/10/whatever-happened-to-global-wa.shtml>
- [140] Von Storch, H. Wir müssen die Herausforderung durch die Skeptiker annehmen. Interview with Daniel Lingenhohl, Handelsblatt, August 2<sup>nd</sup>, 2010.
- [141] <http://www.theguardian.com/environment/cif-green/2010/jul/07/climategate-scientists>
- [142] <http://www.thegwpf.org/images/stories/gwpf-reports/Climategate-Inquiries.pdf>
- [143] <http://www.thestreet.com/story/10673791/1/milloy-comments-on-penn-state-scandal-and-investigation-of-michael-mann.html>
- [144] <http://www.climatescience.gov/Library/bios/pachauri.htm>
- [145] <http://www.monbiot.com/2009/11/23/the-knights-carbonic/>
- [146] <http://blogs.discovermagazine.com/intersection/tag/michael-mann/#.UkX-KxbV138>
- [147] <http://www.lavoisier.com.au/articles/climate-policy/scienceand-policy/paltridge2008-13.php>
- [148] <http://www.monbiot.com/2009/11/23/the-knights-carbonic/>
- [149] <http://online.wsj.com/article/SB10001424052748703499404574559630382048494.html>
- [150] Ibid.
- [151] <http://blogs.the-american-interest.com/wrm/2010/07/12/the-big-green-lie-exposed/>
- [152] <http://euro-med.dk/?p=15111>
- [153] This review became a Review Editorial in *Climatic Change* (Volume 35, Number 4 / April, 1997.)
- [154] Bolin, Bert (1952). "Studies of the General Circulation of the Atmosphere." *Advances in Geophysics* 1: 87-118.
- [155] Abelson, P.H. (1977). "Energy and Climate." *Science* 197: 941.
- [156] [http://www.dailycamera.com/archivesearch/ci\\_14151309?IADID=Search-www.dailycamera.com-www.dailycamera.com](http://www.dailycamera.com/archivesearch/ci_14151309?IADID=Search-www.dailycamera.com-www.dailycamera.com)

- [157] <http://wattsupwiththat.com/2009/12/19/wikibullies-at-work-the-national-post-exposes-broad-trust-issues-over-wikipedia-climate-information/>
- [158] [http://www.conservapedia.com/William\\_M.\\_Connolley](http://www.conservapedia.com/William_M._Connolley)
- [159] [http://en.wikipedia.org/wiki/William\\_Connolley](http://en.wikipedia.org/wiki/William_Connolley)
- [160] <http://translate.google.com/translate?sl=auto&tl=en&js=n&prev=t&hl=en&ie=UTF-8&eotf=1&u=http://www.kaltesonne.de/?p=7858>
- [161] <http://nofrackingconsensus.com/2011/08/23/the-journal-of-climate-the-ipcc/>
- [162] <http://www.skepticalscience.com/naomi-oreskes-consensus-on-global-warming.htm>
- [163] <http://junkscience.com/2013/03/13/climategate-3-0-tom-wigley-says-naomi-oreskes-work-is-useless/comment-page-1/>
- [164] <http://climateaudit.org/2011/07/14/covert-operations-by-east-anglias-cru/>
- [165] <http://www.hoggan.com/>
- [166] <http://tomnelson.blogspot.ca/2011/12/desmogblog-climate-hoax-promoter.html>
- [167] <http://www.ecowho.com/foia.php?file=1485.txt&search=PR+battle>
- [168] <http://library.uvic.ca/instruction/research/peerreview.html>
- [169] <http://www.ecowho.com/foia.php?file=1047388489.txt&search=peer+review>
- [170] [http://climateaudit101.wikispot.org/Mann,\\_Bradley\\_&\\_Hughes\\_\(1998\)](http://climateaudit101.wikispot.org/Mann,_Bradley_&_Hughes_(1998))
- [171] <http://www.nwtonline.nl/index.html>
- [172] <http://www.multi-science.co.uk/mcintyre-mckitrick.pdf>
- [173] <http://www.ecowho.com/foia.php?file=1047388489.txt&search=peer+review>
- [174] [http://www.americanthinker.com/2011/09/the\\_warmists\\_strike\\_back.html](http://www.americanthinker.com/2011/09/the_warmists_strike_back.html)
- [175] [http://www.realclearpolitics.com/articles/2009/11/24/the\\_fix\\_is\\_in\\_99280.html](http://www.realclearpolitics.com/articles/2009/11/24/the_fix_is_in_99280.html)
- [176] <http://www.nationalreview.com/human-exceptionalism/326203/global-warming-hysteria-damning-der-spiegel-expose-corruption-science-cl>
- [177] [http://www.realclearpolitics.com/articles/2009/11/24/the\\_fix\\_is\\_in\\_99280.html](http://www.realclearpolitics.com/articles/2009/11/24/the_fix_is_in_99280.html)
- [178] [http://www.nzherald.co.nz/business/news/article.cfm?c\\_id=3&objectid=10514468&pnum=0](http://www.nzherald.co.nz/business/news/article.cfm?c_id=3&objectid=10514468&pnum=0)
- [179] <http://www.noconsensus.org/ipcc-audit/press-release.php>
- [180] <http://www.uoguelph.ca/~rmckitri/research/WegmanReport.pdf>
- [181] [http://www.anenglishmanscastle.com/HARRY\\_READ\\_ME.txt](http://www.anenglishmanscastle.com/HARRY_READ_ME.txt)
- [182] [http://www.climateviews.com/Climate\\_Views/Download\\_Articles\\_files/poster1iSmTit.pdf](http://www.climateviews.com/Climate_Views/Download_Articles_files/poster1iSmTit.pdf)
- [183] <http://allmodelsarewrong.com/>

- [184] <http://www.assassinationscience.com/climategate/1/FOIA/mail/1106338806.txt>
- [185] <http://wattsupwiththat.com/2012/04/17/the-journal-science-free-the-code/>
- [186] <http://www.guardian.co.uk/technology/2010/feb/05/science-climate-emails-code-release>
- [187] Ibid.
- [188] [http://www.psysr.org/about/pubs\\_resources/groupthink%20overview.htm](http://www.psysr.org/about/pubs_resources/groupthink%20overview.htm)
- [189] <http://online.wsj.com/article/SB10001424052748703499404574559630382048494.html>
- [190] <http://www.ecowho.com/foia.php?file=1047388489.txt&search=peer+review>
- [191] [http://www.realclearpolitics.com/articles/2009/11/24/the\\_fix\\_is\\_in\\_99280.html](http://www.realclearpolitics.com/articles/2009/11/24/the_fix_is_in_99280.html)
- [192] <http://www.uoguelph.ca/~rmckitri/research/WegmanReport.pdf>
- [193] <http://news.heartland.org/newspaper-article/2001/06/01/ipccreport-criticized-one-its-lead-authors>
- [194] <http://climate4you.com/>
- [195] <http://www.john-daly.com/hockey/hockey.htm>
- [196] <http://www.uoguelph.ca/~rmckitri/research/McKitrick-hockeystick.pdf>
- [197] Ibid.
- [198] [http://www.grida.no/publications/other/ipcc\\_tar/](http://www.grida.no/publications/other/ipcc_tar/)
- [199] [http://www.grida.no/publications/other/ipcc\\_tar/](http://www.grida.no/publications/other/ipcc_tar/)
- [200] <http://www.theguardian.com/environment/2010/feb/15/phil-jones-lost-weather-data>
- [201] <http://rogerpielkejr.blogspot.ca/2010/05/misrepresentation-of-ipcc-co2-emission.html>
- [202] Ian Castles and David Henderson (2003) Economics, emissions scenarios and the work of the IPCC, *Energy & Environment*, vol. 14, no. 4.
- Ian Castles and David Henderson (2003) The IPCC emission scenarios: An economic-statistical critique, *Energy & Environment*, vol. 14: nos.2-3.
- [203] <http://climateaudit.org/2005/08/22/ian-castles-on-ipcc-economic-assumptions/>
- [204] <http://www.lavoisier.com.au/articles/climate-policy/economics/castles-hendersonresponse.pdf>
- [205] <http://www.ipcc-nggip.iges.or.jp/faq/faq.html>
- [206] <http://news.heartland.org/newspaper-article/2008/03/01/economic-formulas-ipccreport-criticized-overstating-emissions>
- [207] <https://tallbloke.wordpress.com/2013/03/14/sres-scenarios-that-shaped-energy-policy-for-our-economic-future-had-greenpeace-input/>

- [208] [http://unfccc2.meta-fusion.com/kongresse/090601\\_SB30\\_Bonn/downl/20090603\\_Ypersele.pdf](http://unfccc2.meta-fusion.com/kongresse/090601_SB30_Bonn/downl/20090603_Ypersele.pdf)
- [209] Reproduced with permission of William Kininmonth.
- [210] <http://www.crossroad.to/Quotes/communism/alinsky.htm>
- [211] <http://www.un.org/geninfo/bp/enviro.html>
- [212] <http://clivebest.com/blog/?p=2208>
- [213] <http://clivebest.com/blog/?p=2208>
- [214] Source: <http://www.skepticalscience.com/earth-albedo-effect.htm>
- [215] <http://drtimball.com/2011/generalist/>
- [216] <http://drtimball.com/2009/john-holdren/>
- [217] <http://www.motoring.com.au/news/2010/mercedes-benz/paris-show-low-carbon-mercedes-cls-s-class-21874>
- [218] <http://wattsupwiththat.com/2012/12/13/ipcc-ar5-draft-leaked-contains-game-changing-admission-of-enhanced-solar-forcing/>
- [219] <http://geography.about.com/od/culturalgeography/a/demotransition.htm>
- [220] <http://www.thegwpf.org/europe-cutting-green-energy-coal-comeback/>
- [221] The Global Warming Policy Foundation; Newsletter CCNet 14/10/13
- [222] [http://www.citizenreviewonline.org/august\\_2002/maurice\\_strong.htm](http://www.citizenreviewonline.org/august_2002/maurice_strong.htm)
- [223] <http://www.hydro-gate.com/newpage41.htm>
- [224] <http://nuclearinfo.net/Nuclearpower/WebHomeCostOfNuclearPower>
- [225] <http://www3.jjc.edu/ftp/wdc11/webtechbinary11bi/index.html>
- [226] <http://seekingalpha.com/article/82445-keeping-alternate-energy-in-perspective>
- [227] <http://www.freerepublic.com/focus/f-news/2408971/posts>
- [228] <http://www.telegraph.co.uk/earth/energy/windpower/7840035/Firms-paid-to-shut-down-wind-farms-when-the-wind-is-blowing.html>
- [229] <http://www.bloomberg.com/news/2010-04-29/spain-pricks-solar-bubble-and-loses-investors-to-avoid-greek-style-crisis.html>
- [230] [http://www.billdoll.com/dir/science/energy/q/biofuels\\_make\\_cut.html](http://www.billdoll.com/dir/science/energy/q/biofuels_make_cut.html)