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Climate Science Glossary

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All IPCC definitions taken from *Climate Change 2007: The Physical Science Basis. Working Group I Contribution to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change, Annex I, Glossary, pp. 941-954. Cambridge University Press.*



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MOST USED Climate Myths

and what the science really says...

- 1 Climate's changed before
 - 2 It's the sun
 - 3 It's not bad
 - 4 There is no consensus
 - 5 It's cooling
 - 6 Models are unreliable
 - 7 Temp record is unreliable
 - 8 Animals and plants can adapt
 - 9 It hasn't warmed since 1998
 - 10 Antarctica is gaining ice
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Climate Misinformer: Richard Muller



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Quotes by Richard Muller

Climate Myth

"I believe we do not understand why the variation in sunspots affects the climate as much as it does. That is not understood."

14 November 2011 (Source)

"I think that Climategate is a very unfortunate thing that happened, that the scientists who were involved in that, from what I've read, didn't trust the public, didn't even trust the scientific public. They were not showing the discordant data. That's something that - as a scientist I was trained you always have to show the negative data, the data that disagrees with you, and then make the case that your case is stronger. And they were hiding the data, and a whole discussion of suppressing publications, I thought, was really unfortunate."

11 April 2011 (Source)

"Temperature has been rising over the last 100 years. That's pretty clear. How much is due to varying solar activity

What the Science Says

In the last 35 years of global warming, sun and climate have been going in opposite directions

The 'decline' refers to a decline in northern tree-rings, not global temperature, and is openly discussed in papers and the IPCC reports.

In the last 35 years of global warming, sun and climate have been going in opposite





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- On climate and global leadership, it's America Last until 2020
- 2017 SkS Weekly Climate Change & Global Warming Digest #45

Archives

and how much due to humans is a scientific issue that we're trying to address."

11 April 2011 (Source)

"The issues that there is strong agreement on is that we have seen global warming over the past 100 years. An issue, though, that isn't really settled yet is how much of that is due to humans? And that's a subject that really can use more investigation."

11 April 2011 (Source)

"Luis Alvarez taught me the fundamental scientific rule, which is you've got to show everybody your dirty laundry...My problem with the way the hockey stick was derived was that there was none of this...if you hide something...the person you are most likely to fool is yourself."

31 March 2011 (Source)

"claims that global warming has harmed the Earth so far are not scientific"

31 March 2011 (Source)

"A quote came out of the emails, these leaked emails, that said "let's use Mike's trick to hide the decline". That's the words, "let's use Mike's trick to hide the decline". Mike is Michael Mann, said "hey, trick just means mathematical trick. That's all." My response is I'm not worried about the word trick. I'm worried about the decline."

24 March 2011 (Source)

"Not a single polar bear has died because of receding ice."

19 March 2011 (Source)

"What we know is when it gets warmer carbon dioxide leaves the oceans. When it gets cooler it goes back in. It dissolves better. So carbon dioxide is a result of climate change not a driver of climate change in that period. You can even see this in the delay because when it warms up it takes 800 years before the carbon dioxide comes back out. There's a slight delay that Al Gore never talks about. That old linkage is simply junk science."

19 March 2011 (Source)

"80 percent or 90 percent of what's in Inconvenient Truth is wrong or exaggerated or cherry picked."

19 March 2011 (Source)

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[Multiple sets of independent observations find a human fingerprint on climate change.](#)

[Nothing was hidden in Mann's "hockey stick"; "hide the decline" refers to tree ring data which was a very minor component of the "hockey stick", and the "decline" was discussed extensively in the peer-reviewed literature](#)

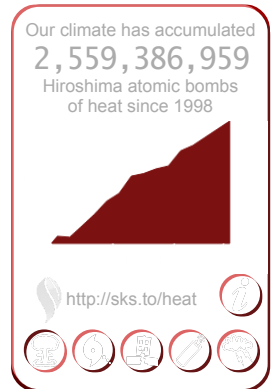
[Negative impacts of global warming on agriculture, health & environment far outweigh any positives.](#)

[The 'decline' refers to a decline in northern tree-rings, not global temperature, and is openly discussed in papers and the IPCC reports.](#)

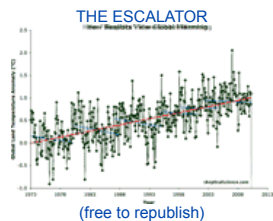
[Polar bears are in danger of extinction as well as many other species.](#)

[CO2 didn't initiate warming from past ice ages but it did amplify the warming.](#)

[Al Gore's book is quite accurate, and far more accurate than contrarian books.](#)



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