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Climate Change

26 Apr 2011

### **IPCC Is Alarmist**

Climate scientist Roy Spencer notes, "Unquestionably, the U.N. Intergovernmental Panel on Climate Change (IPCC) was formed to build the scientific case for humanity being the primary cause of global warming. Such a goal is fundamentally unscientific, as it is hostile to alternative hypotheses for the causes of climate change." Some of the other critics go even further by trying to point out that the IPCC brings down science that doesn't support the theory that climate change is being caused by human activities. This is the reason which may have one wondering if the IPCC accurately report the findings of science?

The IPCC was made to report on a wide range of scientific ideas and questions into the climate, and our effects on it, and to summarize the science of climate change for people. The science that they summarize is put out in a way that makes it simple to compare the main science with the IPCC reports, and compare both to what actually took place, which one may find misunderstanding. It makes things a little more complicated for someone that is not really familiar with climate change this way.

One characteristic of the IPCC is that it is said to be politically driven to exaggerate the dangers of global warming and the level of the human's effect on climate change. When IPCC predictions are compared to observed data, the opposite is shown to be the case.

There are many examples of times that the IPCC has put out reports to back them up. One example is that sea level is rising much faster than the IPCC has been predicting. Actual sea level

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rise is 80 percent higher than the median IPCC projection. By 2100 sea-level rise was predicted by the IPCC to be between 18-59 cm. It is now believed that number may be far too low, because of estimates of water coming from Greenland and Antarctic ice-caps were not included from AR4 because the data was not thought of as being reliable.

Satellite and tide measurements show that sea level rise is accelerating much faster than expected. The average rate of rise for 1993-2008, measured from satellite is 3.4 millimeters per year while the IPCC Third Assessment Report (TAR) projected a best estimate of 1.9 millimeters per year for the same period. This means that actual sea level rise is 80% higher than the median projection. Sea level is likely to rise much more by 2100 than the range of 18-59 centimeters from the IPCC AR4, which has been often shown from the IPCC. We have even talked about the rate of sea level rising in class and I knew the IPCC was off.

Another example of an IPCC report is that each Arctic summer sea-ice is melting faster than average predictions in the last IPCC report. The Arctic is going through a long-term loss of multi-year ice which is also rising rapidly. We have talked about summer melting being a huge factor of climate change and sea level rising during our lectures.

Summer-time melting of Arctic sea-ice has gone up much more than the expectations of climate models. The area of sea-ice melt during 2007-2009 was about 40% greater than the average prediction from IPCC climate models. The thickness of Arctic sea ice has also been on a steady decline over the last few decades. September sea ice thickness has been decreasing at a rate of 57 centimeters per decade since 1987. This may make one think one what these numbers will only end up to be in the near future if nothing is done about this major problem.

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In many other similar cases evidence has shown that climate change is occurring faster, and even more intense, than what the IPCC has been predicting. There are so many signs of evidence that one could not ignore such important facts. I was never really aware of IPCC model numbers and estimations being so far off like this so I decided to look into their website. As far as looks goes, it looks to be a legit site that cares very much about climate change, by having workshops links and organizations.

Since I was never aware that the IPCC models and numbers were off as much as the really are. This made me think that maybe the IPCC is an unreliable source of important information that could be misleading for someone such as myself that is not too familiar with climate change. But just because I am not too familiar with climate change, like some of the experts from class we have been following, does not mean that I am not concerned or that I do not care.

In fact, I do care, and one may think to himself/herself that it is the average person like me that makes up the majority of people that look into climate change, people that are not very knowledgeable when it comes to these cases of changing events. I did some research of what people thought about the IPCC itself, and it seems like many people are trying to prove them to be wrong or they are trying to prove the IPCC's numbers to be off.

In conclusion, I think someone should have an easier way of getting information out to others that isn't as complex as the IPCC seems to make it, being so far off from actual numbers taken by measurements and satellites. How can they be a proper alarmist if their numbers are

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off? I also firmly believe that this is an important fact that might be the main concern of this subject because people that believe in grabbing the attention of others that may be interested are not going to know that much about all of these facts and such, because it is the average normal human that would be able to make a difference. Without them what is all this talk about climate change good for? It is the attention of the average person that needs to be grabbed.

Works Cited

<http://www.skepticalscience.com/ipcc-scientific-consensus-intermediate.htm>

<http://ipcc.ch/index.htm>