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# CLIMATE CHANGE INFORMATION RESOURCES

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For the Delaware Valley Section of AIChE  
June 6, 2012

The IPCC Working Group 1's Fourth Assessment Report (AR4) "Climate Change 2007 - The Physical Science Basis" is available in full at: [http://www.ipcc.ch/publications\\_and\\_data/ar4/wg1/en/contents.html](http://www.ipcc.ch/publications_and_data/ar4/wg1/en/contents.html)

Estimates of recent carbon emissions are available at:  
<http://www.globalcarbonproject.org/carbonbudget/index.htm>

Two good "Policy Brief"s, providing general information are available at:  
<http://unesdoc.unesco.org/images/0018/001861/186137e.pdf> and  
[http://www.globalcarbonproject.org/global/pdf/UNESCO\\_Brief\\_A4.pdf](http://www.globalcarbonproject.org/global/pdf/UNESCO_Brief_A4.pdf)

The video I showed of the CO<sub>2</sub> concentrations in the atmosphere over the past 800 thousand years is available at: <http://www.esrl.noaa.gov/gmd/ccgg/trends/history.html>

A very good website/blog that I refer frequently to is: <http://www.realclimate.org/>, with excellent analytical postings such as "Dummies guide to the latest "Hockey Stick" controversy" (<http://www.realclimate.org/index.php/archives/2005/02/dummies-guide-to-the-latest-hockey-stick-controversy/>) and "Water vapour: feedback or forcing?" (<http://www.realclimate.org/index.php/archives/2005/04/water-vapour-feedback-or-forcing/>)

A very comprehensive clearinghouse of links to various data sources is available at:  
<http://tamino.wordpress.com/climate-data-links/>

Lastly, there is the website for the Union of Concerned Scientists at:  
[http://www.ucsusa.org/global\\_warming/](http://www.ucsusa.org/global_warming/)

Citations to the various scientific papers that I referred to in my presentation are listed below:

Solomon S, Plattner G-K, Knutti R, Friedlingstein P (2009) Irreversible climate change due to carbon dioxide emissions. *Proceedings of the National Academy of Sciences* 106(6): 1704-1709 (<http://www.pnas.org/content/106/6/1704>)

Heimann M, Reichstein M (2008) Terrestrial ecosystem carbon dynamics and climate feedbacks. *Nature* 451(7176): 289-292 (<http://www.nature.com/nature/journal/v451/n7176/full/nature06591.html>)

Canadell JG, Le Quéré C, Raupach MR, Field CB, Buitenhuis ET, Ciais P, Conway TJ, Gillett NP, Houghton RA, Marland G (2007) Contributions to accelerating atmospheric CO<sub>2</sub> growth from economic activity, carbon intensity, and efficiency of natural sinks. *Proceedings of the National Academy of Sciences* 104(47): 18866-18870 (<http://www.pnas.org/content/104/47/18866.abstract>)

Raupach, M. R., Canadell, J. G., and Le Quéré, C.: Anthropogenic and biophysical contributions to increasing atmospheric CO<sub>2</sub> growth rate and airborne fraction, *Biogeosciences*, 5, 1601-1613, doi:10.5194/bg-5-1601-2008, 2008. (<http://www.biogeosciences.net/5/1601/2008/bg-5-1601-2008.html>)

Le Quéré C, Raupach MR, Canadell JG, Marland G, et al. (2009) Trends in the sources and sinks of carbon dioxide. *Nature Geosci* 2(12): 831-836 ([www.nature.com/ngeo/journal/v2/n12/abs/ngeo689.html](http://www.nature.com/ngeo/journal/v2/n12/abs/ngeo689.html))