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Hans G Kaper* (kaper@mcs.anl.gov), 3335 Reservoir Rd, NW, Washington, DC 20007. *A Mathematician's Guide to the 2007 IPCC Report on Climate Change.*

“Climate Change 2007 – The Physical Science Basis” is the contribution of Working Group I to the Fourth Assessment Report of the International Panel on Climate Change (IPCC). At 996 pages, it is certainly no bedtime reading; nevertheless, it is an excellent source of information about scientific issues and concerns relevant to climate and climate change. In this talk I will highlight some findings of interest and indicate where mathematicians and statisticians might focus their attention. (Received February 01, 2011)