Global Warming: Science vs. Nonsense

Here are some basics that citizens should know to combat the deluge of non-science known as global warming.

• Climate is determined by long-range solar astronomical cycles that are driven by the regular periodicities in the eccentricity (about 90,000 to 100,000 years), tilt (40,000 years), and precession (21,000 years) of the Earth's orbit. Over the past 800,000 years, the Earth's climate has gone through eight distinct cycles of about 100,000-year-long ice ages. In each cycle, there is a period of glacial buildup, followed by an interglacial, or relatively warm period, lasting about 10,000 years.

Because the current interglacial period has lasted more than the 10,000-year average, it is expected that a new "ice age" is in the making. We don't know exactly when ice will once again advance to cover a good part of the Northern Hemisphere, including New York City and much of the northern United States, but we do know that man-made carbon dioxide will not stop the march of the astronomical cycles.

For details, see "The Coming (or Present) Ice Age" by Laurence Hecht, *21st Century Science & Technology*, Winter 1993-1994, available online at: www.21stcenturysciencetech.com/Articles% 202005/ComingPresentIceAge.pdf. See also, "What Really Causes Climate Change?" www.larouchepub.com/eiw/public/2007/2007_1-9/2007-9/pdf/06_709_sci.pdf

• Carbon dioxide levels have often been higher—much higher, in fact—in the past than they are today. This is documented by Ernst-Georg Beck, who compiled 90,000 carbon dioxide readings going back to the 1800s, by leading scientists. This meticulous record was discarded by the Intergovernmental Panel on Climate Change (IPCC) in order to make its case that carbon dioxide levels today are soaring beyond any past records.

Beck shows that since 1812, the CO_2 concentration in the Northern Hemispheric air has fluctuated, exhibiting three high-level maxima around 1825, 1857, and 1942, the latter showing more than 400 parts per million. For more details, see "180 Years of Atmospheric CO_2 Gas Analysis by Chemical Methods," in *Energy & Environment,* Vol. 18, No. 2, 2007. See also: "The Fraud of Global Warming: True CO_2 Record Buried Under Gore," www.larouchepub.com/eiw/public/2007/2007_1-9/2007-9/pdf/04_709_sci.pdf

• Carbon dioxide does not *cause* temperature increase. Increases in carbon dioxide *follow* temperature increases. If you look at the historical temperature records for the past several million years, there is a 600- to 800-year gap between periods of temperature rise and rising carbon dioxide levels. See the discussion of CO_2 in Zbigniew Jaworowski's article "CO_2: The Greatest Scientific Scandal of Our Time," www.21stcenturysciencetech.com/ Articles%202007/20_1-2_CO2_Scandal.pdf.

A graphic representation of temperature and CO_2 appears in the film "The Great Global Warming Swindle," by WAG-TV, www.wagtv.com/acatalog/Store.asp

• Al Gore dramatically points to 1998 as the hottest year on record. But the temperature data he is using comes from James Hansen, the director of the Goddard Institute for Space Studies and a leading alarmist on global warming, who recently had to revise the temperature data on the Institute's website because it was shown to be manipulated.

Canadian economist Steven McIntyre pointed out that in the Institute's year 2000 data revision, the model had used a set of data that skewed the results, producing the 1990s as the hottest decade (and 1998 as the hottest year) in history. When this error was removed, it turned out that the 1930s were the warmest decade. All that is left of this 1990s hottest decade claim is hot air. The Institute initially acknowledged McIntyre's correction on its website, but later adjusted this to remove his name.

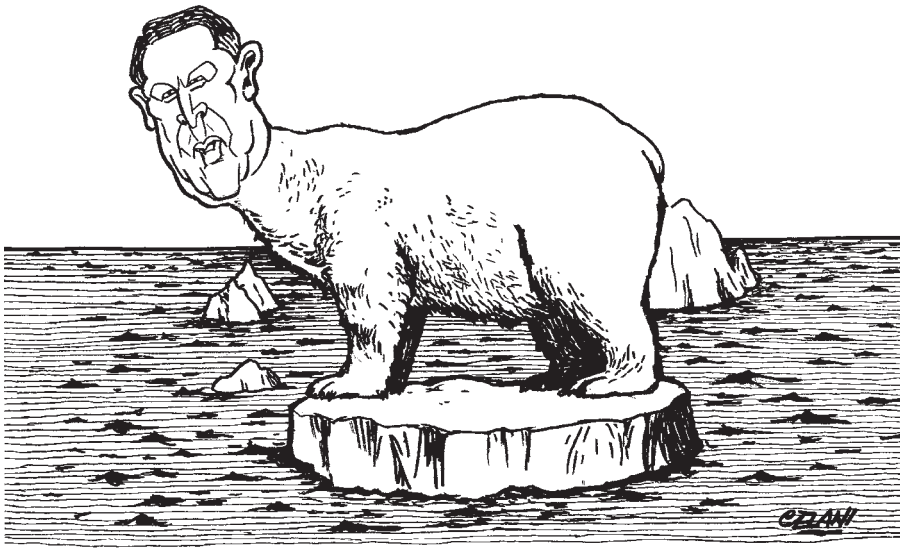
James Hansen claimed that this was just a "trivial" error, yet U.S. temperature measurements make up 25% of his world temperature models—not a trivial amount.

For McIntyre's comments, see www.climateaudit.org/?p=1946 and other columns at this website. The Goddard Institute of Space Studies website is data.giss.nasa.gov/gistemp/graphs/

• Climate models are only models, not all-knowing gods. It is not physically possible to "model" the behavior of clouds, water vapor, and other climate variables, because of the nonlinearities involved. It is like deciding that you can "model" the future behavior of a newborn child.

Scientists can get out of climate models what they want, by changing the assumptions of the model and cherry-picking the data used. See Gregory Murphy, "Computer Climate Models: Voodoo for Scientists," *EIR,* Aug. 10, 2007.

• Temperature data used in models and in the IPCC pre-



EIRNS/Claudio Celani

Polar bears are smarter than Al Gore.

dictions are not based on physical temperature data, but on model predictions. As one leading climate modeller, Gavin Schmidt of the Goddard Institute of Space Studies, told *EIR*'s Gregory Murphy, the models "don't use any observed temperature data directly." In addition, the selection process of which weather data are used is not transparent. The end results cannot be replicated, and often the process of data selection is unavailable, because it is considered "proprietary." See Gregory Murphy, "Computer Climate Models: Voodoo for Scientists," *EIR,* Aug. 10, 2007.

• The network of U.S. weather stations that monitor temperature and other climate variables is not reliable. The stations, which are monitored by volunteers, are often in disrepair and many are located where they cannot possibly give an accurate reading of temperature (for example, next to an airport runway). For some photos, see www.norcalblogs.com/watts/ or www.globalwarminghoax.com/e107_plugins/ content/content.php?content.15

• A "mean world temperature" is meaningless. Think about having one foot in boiling water and the other frozen in an ice bucket. On average, you would be fine.

• Ocean levels are *not* rising. The world's leading sea-level-rise expert, who has observed ocean levels for 35 years, documents that sea levels are not rising and island nations are *not* endangered, based on actual observed sea levels. Climate model scenarios predict often alarming rises, but none has been observed. See the interview with Dr. Nils-Axel Mörner, just retired head of the Paleogeophysics and Geodynamics department at Stockholm University in Sweden www.larouchepub.com/eiw/public/2007/2007_20-29/2007-25/pdf/33-37_725.pdf

• The Polar bear, poster child of the global warming scare, has managed to survive several ice ages and interglacials over the past 800,000 years. Bears must know something that climate alarmists don't know about survival. For this story, see Gregory Murphy, "Polar Bears Are Smarter Than Al Gore," *EIR*, Sept. 7, 2007.

• The IPCC, or Intergovernmental Panel on Climate Change, advertises its scary pronouncements as a "consensus," but in fact, it has ignored the opposing views of reviewers and many of the scientists listed as members of the IPCC. For example, see the interview with IPCC reviewer Dr. Paul Reiter, head of the Insects and Infectious Disease division of the Pasteur Institute: www.larouchepub.com/eiw/public/2007/2007_10-19/2007-14/pdf/52_714_scienv.pdf

• There is no "consensus." A review of 539 papers on global climate change on the ISI Web of Science database from January 2004 to mid-February 2007, conducted by medical researcher Dr. Klaus-Martin Schulte, found that only 7% explicitly endorse the "consensus" that warming is anthropogenic, and only 45% agree in some degree with the consensus. The largest category of papers, 48%, were neutral on the subject. See the forthcoming article in *Energy and Environment* by Klaus-Martin Schulte. The ISI Web of Science database covers 8,700 journals and publications, including every leading scientific journal.

• Global warming from its beginning was devised as a population control policy. It was created as an alarmist way to get people to cut back on their living standards and to curb black and brown populations. For documentation, including damning quotes from 1975, by today's leading global warming enthusiasts, see "1975 Endangered Atmosphere Conference: Where the Global Warming Hoax Was Born," www.larouchepub.com/eiw/public/2007/2007_20-29/2007-23/pdf/50-55_723.pdf.

• "Carbon offsets" and other mechanisms to relieve the "carbon footprint" of the industrialized sector are simply new ways to keep the Third World poor and in the dark, with no access to advanced technology. For example, Climate Care, the carbon-offsetting company, features on its website (www.climatecare.org/projects) a cartoon illustration of happy little natives peddling a treadle-pump to get water, and burning a lone solar-powered light bulb, while heating their stove with dung. All this to "offset" the air travel of a guilty emissions-consuming Westerner.

For details, see Gregory Murphy, "Carbon Offsets Are Genocide," *EIR*, Sept. 21, 2007.