

CENTER STAFF

The principals of the Center's Management Team each hold Ph.D. degrees in fields that are central to the topic of carbon dioxide and global change. Together, they have a total of more than fifty years of professional experience in teaching and conducting and managing scientific research; and they have published over 500 scientific articles in some fifty different scientific journals. They have also testified in legal proceedings and before Congress, authored books, received awards, appeared in television, radio and newspaper interviews, and spoken at numerous conferences and meetings.

SCIENTIFIC AND POLICY ADVISORS

The Center maintains an active group of Scientific and Policy Advisors composed of recognized experts in their respective fields. These volunteer advisors provide periodic input and guidance to the Center to assist it in carrying out its mission.

CONTRIBUTE TO THE CENTER

As a 501(c)(3) public charity, the *Center for the Study of Carbon Dioxide and Global Change* accepts corporate, foundation and individual donations to fund its educational activities. Please consider supporting the Center so access to non-premium content of *CO₂ Science* can remain free.

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Center for the Study of Carbon Dioxide and Global Change



ABOUT THE CENTER

The *Center for the Study of Carbon Dioxide and Global Change* is a 501 (c)(3) non-profit public charity created to disseminate factual reports and sound commentary on new developments in the world-wide scientific quest to determine the climatic and biological consequences of the ongoing rise in the air's CO₂ content. Its primary means for meeting this objective is through the weekly online publication of *CO₂ Science*, which contains editorials on topics of current concern and mini-reviews of recently published peer-reviewed scientific journal articles, books, and other educational materials. In all its activities, the Center attempts to separate reality from rhetoric in the emotionally-charged debate that swirls around the subject of carbon dioxide and global change, providing both policy makers and the general public with a credible source of information they can utilize to make informed decisions and judgments.

CENTER SERVICES

1. CO₂ Science. The weekly publication of *CO₂ Science* provides the foundation for nearly all other services offered by the Center and is clearly the most critical service it provides. It is available online free of charge at www.co2science.org and regularly features the following sections:

Journal Reviews. Reviews of scientific journal articles that are particularly relevant to the global warming debate.

Editorials. Straightforward commentary that interprets the meaning of pertinent scientific developments.

Subject Index Summaries. Comprehensive summarizations of topical arrangements of all the editorials and scientific journal reviews published in *CO₂ Science*. Currently, over 550 different subject headings have been generated from our archived materials.

Plant Growth Data (Premium Subscription). This section of our website maintains an ever-expanding archive of the results of scientific studies that report plant growth responses (changes in rates of photosynthesis and biomass production) of a vast array of plants to 300-, 600- and 900-ppm increases in the atmosphere's CO₂ concentration (current actual concentration = 370 ppm). To date, we have recorded over 3500 separate results for 700 different species. This service constitutes a unique repository of information on the plant growth enhancements to be expected in a higher-CO₂ world.

Temperature Record of the Week. Each week we highlight the temperature trend of a U.S. city from 1930 to the present. These records show surprising temperature stability compared to the alarming and very selective temperature increases constantly reported in the press.

Carbon Sequestration Commentary Periodically, we report new aspects of this rapidly developing field of research. These commentaries highlight the many different ways in which the ongoing rise in the air's CO₂ content enables earth's natural and agricultural ecosystems to productively remove (by constructing new plant tissue) ever more carbon from the atmosphere.

Book Reviews. On an ongoing basis we periodically publish reviews of books that deal with various aspects of the global change debate.

2. World Temperatures. In this section of our website we provide selected temperature records for various parts of the world. Visitors can find temperature data and calculate temperature trends for the entire globe or any portion thereof, based on four different temperature data bases.

3. U.S. Climate Data. Similar to our World Temperature section, this service allows patrons to calculate, plot and download monthly, seasonal or annual temperature and precipitation data from over 1200 continental U.S. locations. The period of record varies for each station, but most stations have at least 80 years of continuous data.

4. Global Change Laboratory. Within the walls of this virtual edifice, we describe a number of simple but effective techniques that enable patrons of the Center's website to conduct their own research into questions related to potential CO₂-induced environmental change, showing them in both words and pictures how to set up an experiment, conduct the study, and obtain and analyze the data. In addition, for certain specific experiments we include weekly tabulations of data, along with pictures of the plants, so patrons can continually check to see if their study is progressing as it should.

5. Dictionary. A service that provides definitions of various terms and concepts pertaining to CO₂ and global change.

6. Conferences and Meetings. Periodically, we receive requests to publicize various meetings on the Center's website. When these meetings deal with subjects we consider to be of great importance, we honor those requests and inform the public with the details.

7. Consulting. From time to time, the Center has provided its services as a consultant to individuals, organizations and companies. Such services have included compiling scientific reports, reporting of greenhouse gas statistics to the government, and serving as expert witness in legal proceedings.

8. Speaker's Bureau. The Center maintains a Speaker's Bureau composed of staff members who are available to travel and deliver presentations on various global change topics. In addition, the Center honors reasonable television and radio interview requests.

MARKET INFLUENCE

The Center has experienced phenomenal market growth since its inception. Its website's yearly hit totals have risen from 150,000 in 1998 to several million per year. In addition, the number of unique individuals visiting the Center's website each month has increased by a factor of ten since 1998 and now averages more than 45,000 persons from over 110 different countries. Approximately 75% of these patrons reside within the United States, 5% live in the United Kingdom, 5% are Canadian, 4% Australian and New Zealanders, while the remaining 11% reside in other countries.