



An Introduction to the Climate Change Information Briefs

In these Climate Change Information Briefs, we present the current state-of-the-science on various topics of climate change. This includes discussions on such wide-ranging topics as the Sun-climate connection, radiation transfer and the effect of carbon dioxide, changes to the general circulation of the atmosphere, hurricanes and climate change, long-term trends in air temperature, climate models and their ability to simulate future climates, and application of climate models in the US National Climate Assessment as well as an evaluation of climate change as an “emergency” and how much of anthropogenic effects of climate change must be taken as a matter of faith. While not an exhaustive list, they provide a glimpse into issues that affect and shape the scientific discussion of climate change and the potential for human-induced impacts.

These flyers have been written by top scientists from leading institutions from around North America. The Office of Science and Technology Policy is pleased to bring you these briefs to further your understanding of climate change by learning from these learned scholars.

Dr. David R. Legates, Professor of Climatology, University of Delaware

Are Record Temperatures Occurring More Often in the
Conterminous United States?

Dr. John R. Christy

Can Computer Models Predict Climate?

Dr. Christopher Essex

Climate, Climate Change, and the General Circulation

Dr. Anthony R. Lupo

The Faith-Based Nature of Human-Caused Global
Warming

Dr. Roy W. Spencer

Hurricanes and Climate Change

Dr. Ryan N. Maue

Is There a “Climate Emergency”?

Dr. Ross McKittrick

Radiation Transfer

Dr. William Happer

The Sun-Climate Connection

Dr. Michael Connolly

Dr. Ronan Connolly

Dr. Willie Soon

Systematic Problems in the Four “National Assessments”
Of Climate Change Impacts on the United States

Dr. Patrick J. Michaels