

## CLIMATE CHANGE RESEARCH AND DEVELOPMENT

To advance and bring focus to climate change science and technology, the President created two new initiatives: the Climate Change Research Initiative (CCRI) and the National Climate Change Technology Initiative (NCCTI). These new initiatives will complement ongoing research funded under the U.S. Global Change Research Program (USGCRP) and other related technology research programs that address climate change.

The budget requests \$40 million in CCRI to be shared among five agencies. This investment will begin to focus on responding to key gaps in knowledge. CCRI will adopt performance metrics and deliver products useful to policymakers in a short time frame (2-5 years).

<b>Climate Change Research Initiative</b>	2002 (\$M)	2003 (\$M)	Increase (\$M)
Commerce	0	18	18
National Science Foundation	0	15	15
NASA	0	3	3
Energy	0	3	3
Agriculture	0	1	1
<b>TOTAL</b>	<b>0</b>	<b>40</b>	<b>40</b>

The budget requests \$40 million for NCCTI within the DOE budget to build on an existing base of research and development in climate change technologies, primarily at the Department of Energy (DOE), the Environmental Protection Agency, and the Department of Agriculture. Specific research areas are being identified through an interagency review process.

USGCRP has existed for more than a decade, and provides funding at nine different agencies for fundamental research on natural and human-induced changes in the global environment, with the goal of attaining a more complete understanding of global climate change to better respond to the challenges it presents. In 2003, this program will continue, with a total funding level of \$1.7 billion, an increase of 3 percent over the 2002 enacted level.

<b>U.S. Global Change Research Program</b>	2002 (\$M)	2003 (\$M)	Increase (\$M)	Percent Increase
NASA	1,090	1,109	19	2%
National Science Foundation	188	188	0	0%
Energy	120	126	6	5%
Commerce	100	100	0	0%
National Institutes of Health	60	68	8	13%
Agriculture	56	66	10	18%
Interior	28	28	0	0%
Environmental Protection Agency	21	22	1	5%
Smithsonian	7	7	0	0%
<b>TOTAL</b>	<b>1,670</b>	<b>1,714</b>	<b>44</b>	<b>3%</b>