

[U.S. Department of Energy](#)[Office of Science](#)

Office of Biological & Environmental Research

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NEWS

BER Reorganizes

On June 22, 2008 Life and Medical Sciences Division became the Biological Systems Science Division, and the Climate Change Research Division merged with the Environmental Remediation Sciences Division to form the Climate and Environmental Sciences Division.

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For over [50 years](#) the Biological and Environmental Research (BER) program has been advancing environmental and biomedical knowledge that promotes national security through improved energy production, development, and use; international scientific leadership that underpins our Nation's technological advances; and research that improves the quality of life for all Americans. BER supports these vital national missions through competitive and [peer-reviewed](#) research at [national laboratories](#), universities, and private institutions. In addition, BER develops and delivers the knowledge needed to support the President's National Energy Plan.

Strategic Plan and [Long Term Measures](#)

BER supports the following [DOE Strategic Plan](#) goal: **Science Strategic Goal General Goal 5, World-Class Scientific Research Capacity** and **Program Goal 05.21.00.00: Harness the Power of Our**

Living World. The [Office of Science Strategic Plan](#) details the goals and strategic plans for BER.

The following indicators establish specific long term goals in Scientific Advancement that the BER program is committed to, and progress can be measured by the [Program Assessment Rating Tool](#).

- **Life Sciences:** Provide the fundamental scientific understanding of plants and microbes necessary to develop new robust and transformational basic research strategies for producing biofuels, cleaning up waste, and sequestering carbon.
- **Climate Change Research:** Deliver improved scientific data and models about the potential response of the Earth's climate and terrestrial biosphere to increased greenhouse gas levels for policy makers to determine safe levels of greenhouse gases in the atmosphere.
- **Environmental Remediation:** Provide sufficient scientific understanding such that DOE sites would be able to incorporate coupled physical, chemical and biological processes into decision making for environmental remediation and long-term stewardship.
- **Medical Applications:** Develop intelligent biomimetic electronics that can both sense and correctly stimulate the nervous system. *
- **Facilities:** Manage facilities operations to the highest standards of overall performance using merit evaluation with independent peer review.

* This indicator is not a PART measure.

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