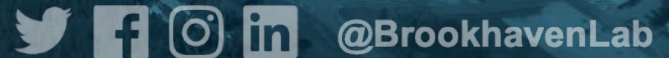




TAKE FIVE for Safety-

Frank Craner

April 23, 2024



Brookhaven Celebrates Earth Day

The screenshot shows the Brookhaven National Laboratory website for Earth Day 2024. The page features a navigation bar with links for 'OUR SCIENCE', 'ABOUT', 'DEPARTMENTS', 'PARTNER WITH US', 'CAREERS', 'NEWS', 'CONTACT', and 'DIRECTORY'. A search bar is located in the top right corner. The main header includes the Brookhaven National Laboratory logo and the text 'Earth Day 2024' and 'Sustainable operations are at the foundation of scientific research as well as operations at Brookhaven National Laboratory.' Below the header, there are two tabs: 'Home' and 'Photo Contest'. The main content area is titled 'Brookhaven celebrates Earth Day 2024!' and contains a paragraph about the lab's environmental efforts. To the right, there is a section for the 'Earth Day 2024 Photo Contest' with a photo of a person taking a picture. At the bottom, there are three numbered cards: '1 Preserve the Earth', '2 Protect the Earth', and '3 Provide for the Earth'. The Windows taskbar is visible at the bottom of the browser window.

OUR SCIENCE | ABOUT | DEPARTMENTS | PARTNER WITH US | CAREERS | NEWS | CONTACT | DIRECTORY

Q SEARCH

Brookhaven National Laboratory

Earth Day 2024

Sustainable operations are at the foundation of scientific research as well as operations at Brookhaven National Laboratory.

Home Photo Contest

Brookhaven celebrates Earth Day 2024!

At Brookhaven Lab, we protect the environment by carefully planning work to prevent incidents. We preserve the future by integrating “net-zero” concepts into facility design to reduce carbon emissions and eliminate waste in order to help reduce the future impact of climate change. We preserve the beautiful campus on which the Lab is situated through planting for pollinators, vegetation management, and prescribed fire for ecosystem support and risk reduction from wildland fires.

On Earth Day, learn about what you can do to help preserve and protect our shared environment – at the Lab, in our community, and beyond.

- 1 Preserve the Earth
- 2 Protect the Earth
- 3 Provide for the Earth

Earth Day 2024 Photo Contest

Enter your photo in the annual Earth Day Photo Contest. There

[BNL | Earth Day | 2024](#)

Environmental Management System

BNL Implements and Certifies to the ISO 14001
Environmental Management System

The EMS is designed to:

- Protect the environment
- Eliminate, reduce, or control environmental risks and impacts
- Ensure compliance with regulatory requirements
- Achieve clean-up goals
- Conserve resources
- Achieve and demonstrate environmental excellence.

Environmental, Safety, Security, and Health Policy



Brookhaven National Laboratory (BNL) is a world leader in scientific research and performs this work in an environmentally responsible and safe manner.

Every employee, contractor, and guest is expected to take personal responsibility for adhering to the following principles:

Environment	We protect the environment, conserve resources, and implement sustainable business practices that protect our future.
Safety	We maintain a safe workplace. We plan our work and perform it safely. We take responsibility for the safety of ourselves, coworkers, and guests.
Security	We protect people, property, information, computing systems, and facilities.
Health	We protect human health within our boundaries and in the surrounding community.
Compliance	We achieve and maintain compliance with applicable ESSH requirements.
Community	We maintain open, proactive, and constructive relationships with our employees, neighbors, regulators, the U.S. Department of Energy, and other stakeholders including historically marginalized, disadvantaged communities.
Continual Improvement	We continually improve ESSH performance.

In addition to my annual review of Brookhaven Lab's progress on ESSH goals and adherence to this policy, I invite all interested parties to provide me with input on our performance relative to this policy, and the policy itself.

Signed *JoAnne L. Hewitt*
JoAnne Hewitt, Director

December 5, 2023



Examples of Processes with Potential or Actual Impacts to the Environment

- Cooling Water Use and Discharge
- Oil-Filled Equipment Operation/Maintenance
- Bulk Chemical Storage and Chemical Use
- Energy Use
- Activation of Soil, Water, components
- Waste Generation, Accumulation and Disposal
- Greenhouse Gas Use

C-AD FY24 Environmental Objectives/Initiatives

- Regulatory Compliance:
 - Zero notices of regulatory and permit violations
- Pollution Prevention Evaluation/Improvement:
 - AGS/Booster/Linac Water Systems
 - BLIP Emissions
 - Pursue gas recirculation to reduce greenhouse gas releases