

Environmental Policy

Fermilab ES&H Policy 1

1. Purpose

The purpose of this policy is to ensure Fermilab conducts scientific research with regard for the protection of the community and the environment, and in compliance with all applicable environmental laws and regulations.

2. Scope/Applicability

This policy applies to all Fermilab activities and operations carried out under the approved management systems at the Fermilab site and all leased spaces except where an equivalent local policy or procedure is noted to take precedent.

3. Effective date

This policy goes into effect on January 1, 2017 and replaces the September 2013 version.

4. Policy

Fermilab must conduct scientific research with regard for the protection of the community and the environment, and compliance with all applicable environmental laws and regulations. Fermilab believes that high standards of environmental practice are fully consistent with the search for an understanding of the fundamental properties of nature. Through the Environmental Management System (EMS, [FESHM 8010](#)) Fermilab is committed to protecting the environment in the daily conduct of experimental physics.

Fermilab shall advance the goals of continual improvement for conserving, enhancing, and restoring environmental quality, including the establishment of a framework for determining and reviewing environmental objectives and targets, while remaining in compliance with applicable legal requirements.

Fermilab's policy is to:

- Integrate environmental considerations into planning and decision-making processes, evaluate the environmental impact of our actions and take all reasonable measures to mitigate adverse effects.
- Avoid waste generation wherever possible, minimizing pollution at the source where feasible and aggressively pursuing recycling opportunities.
- Employ cost-effective operational controls to minimize our emissions and effluents.
- Employ products, whenever practical, that contain recycled materials, prevent pollution, are safe, energy-efficient, and protective of the environment, and can be reused, recycled or disposed of safely.

- Incorporate the philosophy of sustainability into all activities to the maximum extent consistent with the laboratory's mission.
- Avoid harm to cultural resources (e.g., historic properties, archaeological resources, cemeteries, etc.), protected species, natural habitats and ecologically sensitive areas wherever and whenever feasible, and in compliance with applicable statutes.
- Utilize an active self-assessment program to continually improve programs for protecting the environment. Act swiftly and responsibly to correct conditions that may endanger health, safety, or the environment, and to report them promptly and inform potentially affected parties.
- Educate experimenters and employees at all levels to appreciate and protect environmental resources by adhering to and implementing this policy.

5. Definitions

Environmental Management System (EMS) - The policies and procedures established to manage, control, and mitigate the potential impacts of specific Laboratory activities with environmental impacts.

6. Responsibilities

Chief Safety Officer:

- Acts as the EMS lead and provides oversight for documenting, implementing, and maintaining this environmental policy.
- Provides the appropriate resources to implement and maintain the EMS.
- Manages and directs the Environment, Safety, Health, and Quality Section.

All Employees, Subcontractors, Users, and Visitors:

- Fully comply with all procedures, instructions and directives contained within the Fermilab Environment Safety & Health Manual ([FESHM](#)) and the Fermilab Radiological Control Manual ([FRCM](#)) in order to assure they are conducting work activities within the limits of the environmental regulations and requirements applicable to the Laboratory.
- Identify and mitigate hazards.
- Incorporate environmental requirements and best management practices into their work planning.
- Perform all activities in a safe and environmentally sound manner, and ensure proper communication and/or notification of any potential or actual environmental impacts associated with these activities.
- Terminate any activity that they believe poses an imminent danger to the safety and health of individuals or to the quality of the environment.

7. Review cycle

This policy is to be reviewed at least every three years.