



From tiny nanomaterials to global climate dynamics, EPA researchers are investigating every scale of our environment and the links between it and human health.

it all starts with SCIENCE





A Foundation Built with Science

Our work supplies the scientific foundation that supports the Agency's actions to protect human health and the environment.



Innovation for the Future

Our work provides innovative solutions that help society meet its needs while preserving the ability of future generations to meet their own.



Meeting Challenges

Our work and that of our partners from industry, universities, and other research organizations improves air, drinking water, and land quality.

EPA conducts integrated transdisciplinary research in the following areas

Air Research

EPA air research provides the critical science to implement the Clean Air Act and puts new science tools and information into the hands of air quality managers to protect our health and the environment.

Climate Change Research

EPA conducts research to understand the environmental and health impacts of climate change and to provide sustainable solutions for adapting to and reducing the impact from a changing climate.

Chemical Safety Research

EPA chemical safety research protects human health and the environment by evaluating chemicals for potential risk and providing tools and guidance for improved chemical production that supports a sustainable environment.

Water Research

EPA water research provides the science and tools necessary to ensure our nation's water resources are safe, abundant, and sustainable.

Ecosystems Services Research

EPA ecosystems research and development provides the information and tools needed to identify and sustain the many benefits people and communities derive from the natural environment.

Health Research

EPA health research is helping communities and policymakers develop and implement policies and practices to improve public health, especially for vulnerable groups and lifestyles such as children, older adults, and the socioeconomically disadvantaged.

Sustainability Research

EPA sustainability and sustainable communities research is providing decision tools and data for communities to make strategic decisions for a prosperous and environmentally sustainable future, and providing the foundation to better understand the balance between the environment, society and economy.

Homeland Security Research

To be ready to respond to a natural disaster or terrorist event, EPA develops and delivers reliable, responsive expertise and products based on scientific research and evaluations of technology.

Sustainable Approaches for Contaminated Sites and Materials Management

EPA is developing methods and techniques to advance the clean up and rehabilitation of contaminated lands and ground water, and strategically reduce, recapture, and recycle energy, waste, and materials.

More Information:

- EPA Research: epa.gov/research
- Newsletter: epa.gov/sciencematters
- Facebook: facebook.com/EPAresearch
- Twitter: @EPAresearch