

OFFICE OF RESEARCH AND DEVELOPMENT (ORD)

The Office of Research and Development is the scientific research arm of EPA. Its leading-edge research informs Agency decisions and supports the emerging needs of EPA stakeholders, including the Agency’s state, tribal, and community partners.

ORD's work is organized into six national research programs that identify the most pressing environmental health research needs in the United States. They are:

- Air and Energy
- Chemical Safety for Sustainability
- Homeland Security
- Health and Environmental Risk Assessment
- Safe and Sustainable Water Resources
- Sustainable and Healthy Communities

The research is conducted by ORD’s five research centers in 10 facilities.

The Office of Science Advisor, Policy, and Engagement supports the Agency’s Science Advisor and integrates and coordinates science across ORD and the Agency, with key



external partners, and into the regulatory process.

The Center for Environmental Measurement and Modeling conducts research to advance the Agency’s ability to measure and model contaminants in the environment, including research to provide fundamental methods and models needed to implement environmental statutes.

The Center for Computational Toxicology and Exposure works to support Agency decisions by providing solutions-driven research to rapidly evaluate the potential human health and environmental risks due to exposures to environmental chemicals and ensure the integrity of the freshwater environment and its capacity to support human well-being.

The Center for Public Health and Environmental Assessment develops human health and environmental assessments that support EPA program and regional policies and decisions. The center conducts toxicological, clinical, ecological, epidemiological, and citizen science studies to assess the impact of environmental exposures to chemicals and other stressors on healthy individuals, populations, and ecosystems.

The Center for Environmental Solutions and Emergency Response conducts customer-driven research to improve decision making by EPA, federal, state, tribal and local agencies, when faced with challenging environmental problems in the built environment.

Learn more: epa.gov/research

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