

Maryland Department of the Environment

The Maryland Department of the Environment (MDE) is a cabinet level Department of Maryland State Government. MDE was established in 1987 to restore the environment and to safeguard environmental health. Departmental duties encompass enforcement and regulation, long-term planning and research and technical assistance to industry and communities in their efforts to take responsibility for pollution, waste disposal, and emergency spills of waste or oil.

Robert M. Summers, Ph.D. is the Secretary of the Maryland Department of the Environment. We are located in the historic Montgomery Park Business Center in Baltimore City. Our web site is www.mde.state.md.us.

Environmental protection activities are conducted by four administrations within MDE: Science Services, Air & Radiation Management, Land Management and Water Management.

Science Services	Air & Radiation Management	Land Management	Water Management
Environmental Health TMDL Technical Development Water Quality Monitoring Environmental Assessment Water Quality Restoration & Protection	Air Quality Permits Air Quality Planning Air Quality Compliance Air Quality Monitoring Mobile Sources Control Radiological Health	Lead Poisoning Prevention Solid Waste Diversion & Materials Management Land Restoration Oil Control Recycling Mining	Compliance Wastewater Permits Wetlands & Waterways Water Supply Sediment, Storm water & Dam Safety

We are offering internship opportunities in the Air Quality Planning Program in the Air & Radiation Management Administration.

The Air & Radiation Management Administration is responsible for conducting activities related to air pollution prevention and radiological health. The Air Quality Planning Program consists of three divisions: Regulation Development, Climate Change and Policy & Planning.

The **Regulation Development Division** is responsible for adopting regulations needed to protect Maryland's air quality. The division works closely with an advisory group and stakeholders to ensure that regulations are consistent with federal and state laws and that the requirements are technically and environmentally feasible. The duties of this division include: engineering analysis of proposed control actions, preparing and submitting proposed regulations for publication in the Maryland Register, conducting public hearings and submitting revisions to Maryland's State Implementation Plan to the U.S. Environmental Protection Agency.

The **Climate Change Division** is charged with implementing the *2009 Maryland Greenhouse Gas Reduction Act*. Activities include preparing a state-wide *Plan* to implement policies designed to achieve significant reductions in greenhouse gas emissions, working with stakeholders and government agencies to develop appropriate goals and targets and researching sustainability topics. This division is also responsible for participating in the Regional Greenhouse Gas Initiative, a multi-state cap and trade program designed to reduce greenhouse gas emissions from coal-fired electricity generators.

The **Policy & Planning Division** conducts technical analysis and develops emissions inventories to account for stationary, mobile and area sources of air pollution. This division also works with the Ozone Transport Commission to evaluate policy options proposed to control air pollution in northeast states. The Policy & Planning Division writes the air quality plans for Maryland.

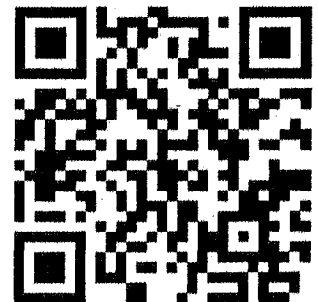
The Air Quality Planning Program addresses a broad range of policies and activities designed to protect public health and the environment. There are many emerging issues including:

- Understanding the effects on health and the environment that result from combinations of pollutants and the benefits that may accrue from developing policies to control multi-pollutant emissions,
- Considering the economic and social impacts of policies. Examining impacts on children's health and environmental justice, and
- Evaluating various mitigation options to reduce greenhouse gas emissions.

We provide cubicle work space, computer and some office supplies. Internet access is included. We use Windows applications. Topics and scope of research are approved by Program managers. Example activities include:

- Literature reviews,
- Surveys, and
- Data analysis

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or go to <http://lanb.it/G7m8> to complete a contact form.