



Profile of Expertise, Capabilities, & Skills July 2018

Leading the Northeast Toward a Sustainable, Waste-Free Future

What is NEWMOA?

NEWMOA is a non-profit, non-partisan, interstate association whose membership is composed of the state environment agency programs that address pollution prevention, toxics use reduction, sustainability, materials management, hazardous waste, solid waste, emergency response, waste site cleanup, underground storage tanks, and related environmental challenges in Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island, and Vermont.

NEWMOA provides a strategic forum for effectively solving environmental problems through collaborative regional initiatives that advance pollution prevention and sustainability, promote safer alternatives to toxic materials in products, identify and assess emerging contaminants, facilitate adaption to climate change, mitigate greenhouse gas sources, promote reuse and recycling of wastes and diversion of organics; support proper management of hazardous and solid wastes, and facilitate clean-up of contaminant releases to the environment.

NEWMOA's long term goals are to:

- Support and strengthen state efforts to implement policies, regulations, and programs
- Promote interstate coordination and develop innovative strategies to solve critical and emerging environmental problems
- Develop and enhance the capabilities and knowledge of state officials so that they are well trained, able to adjust to rapid changes in technology, and respond effectively to emerging environmental challenges
- Articulate state program views on federal policy developments, programs, and rulemakings
- Cultivate and enhance relationships among member states, federal agencies, colleges and universities, and stakeholders
- Engage with and educate the regulated community and the public

Core Programs include:

- Pollution Prevention and Sustainability
- Hazardous Waste
- Solid Waste and Sustainable Materials Management
- Waste Site Cleanup
- Interstate Mercury Education and Reduction Clearinghouse (IMERC)

- Interstate Chemicals Clearinghouse (IC2)
- Cross Program Initiatives

See www.newmoa.org/publications/NEWMOAstrategicPlan.pdf for NEWMOA's 2018-2022 Strategic Plan.

NEWMOA's Areas of Expertise

NEWMOA has expertise in toxic chemicals, pollution prevention and sustainability, hazardous waste, solid waste, sustainable materials management, and waste site cleanup, as described below:

Hazardous Waste

- State and federal RCRA policy and regulations
- Organizing training for inspectors, rule developers, and permit writers
- Oversight and enforcement
- Using performance-based methods to improve environmental compliance
- Household hazardous waste and universal waste
- E-manifest implementation
- Treatment, storage, and disposal facility (TSDF) permitting

Solid Waste & Sustainable Materials Management

- State solid waste policies, regulations, and planning
- Zero waste policies and programs
- Pay-as-you throw (PAYT) or save money and reduce trash (SMART) strategies
- Trends in management of solid waste and movement of solid waste for disposal
- Construction and demolition materials generation, management, and processing
- Product stewardship policies and programs
- Food waste reduction, rescue, and management, including composting and anaerobic digestion
- Reuse and recycling of bulky waste items
- Training for transfer station operators on communications on waste reduction and operational health and safety
- Proper management of waste paint
- Beneficial reuse of waste, including policies, regulatory oversight, and programs
- Recycling of agricultural plastics
- Proper management of debris from natural disasters and catastrophic events
- Policies and programs to stop open burning of waste
- Proper management of waste tires
- Regulation and oversight of auto salvage yard operations
- Post-closure care at landfills

Waste Site Cleanup & Brownfields

- Organizing training on site assessment and remediation
- State waste site cleanup policies and regulations

- Emerging contaminants, including Per- and Polyfluoroalkyl Substances (PFASs), 1,4-Dioxane, and others
- Site investigation techniques for waste site cleanup
- Remediation techniques for contaminated sites
- Long term stewardship of contaminated sites, including institutional controls
- Brownfields redevelopment policies and programs
- Renewable energy development on landfills and contaminated sites
- Green remediation
- Vapor intrusion

Toxic Chemicals

- Mercury use in products and non-mercury alternatives
- Mercury product notification, labeling, and phase-outs/bans
- Proper recycling and management of fluorescent lamps, mercury thermostats, and other mercury-added products wastes
- Mercury cleanout of schools
- Chemical prioritization, policies, and programs
- State and local chemical policies and programs
- State priority chemicals lists and data
- Chemical use reporting and data for children's products and cleaning products
- Chemical hazardous characterization tools
- Alternatives assessment methods and approaches
- Green chemistry programs

Pollution Prevention & Sustainability

- Pollution prevention (P2) policies, programs, technologies, methods, and approaches
- Pollution prevention measurement, analysis, and databases
- P2 Benefits calculators
- Materials and environmental management accounting
- Waste and pollution prevention for targeted sectors, including hospitality facilities, food manufacturing, breweries, dairies, auto body and repair, garment care, groceries, marinas, wood furniture manufacturing, printing, metal finishing, metal cleaning, metal coating, and others
- State green business recognition programs

NEWMOA's Services

NEWMOA provides the following services:

Facilitation & coordination on interstate issues: NEWMOA has extensive experience facilitating groups, organizing meetings, and building consensus. NEWMOA's Board of Directors, Steering Committees, and Workgroups consist of state environmental agency managers and staff. NEWMOA regularly convenes and facilitates meetings, webinars, and conference calls of these groups to share information, set priorities, decide on policies and approaches, implement programs, and oversee projects. NEWMOA manages numerous Workgroups that meet through conference calls, webinars, and face-to-face meetings.

Identification of emerging issues: NEWMOA routinely identifies regionally important environmental issues and challenges and develops and implements action plans and strategies for addressing these priorities using many of its services and skills.

Policy development: NEWMOA conducts policy research and analysis and facilitates development of consensus on state and federal waste management, clean-up, toxics, emerging contaminants, and P2 policy. NEWMOA prepares comments and submits on federal policies, rulemakings, strategies, and programs.

Support for implementation of state programs: NEWMOA has expertise in implementation of environmental programs, including assisting members with developing strategies and action plans, conducting outreach and education, researching and developing materials, and solving problems and challenges.

Online database development & management: NEWMOA has designed and managed numerous online databases, including several large multi-state online reporting and data storage and access systems. NEWMOA staff has developed these systems with interfaces that enable users to search and find the information they are seeking. NEWMOA has expertise in database design and implementation, data input, and quality control using leading software.

Social media & web-based information resources development & management: NEWMOA has developed and managed social media and online information resources, including researching and compiling information resources.

Software tools development & implementation: NEWMOA has developed many of software tools for member states and others to utilize for program support. NEWMOA has expertise designing software systems and applications, procuring contractor support for software development, managing the contractors, developing documentation and training support, and disseminating and supporting software tools.

Organizing meetings & webinars: NEWMOA organizes meetings and webinars. These events have ranged in size. NEWMOA has “greened” its meetings and developed various approaches to reducing their environmental impacts. NEWMOA has extensive experience in handling the logistics associated with planning successful meetings, including selecting a venue, planning agendas, recruiting presenters, managing registration, preparing materials and handouts, and addressing logistical issues and challenges.

Developing, organizing, & conducting training: NEWMOA has considerable expertise developing professional training curriculum and training workshops and conferences, including identifying priorities for training, compiling training materials and resources, conducting training, identifying and working with outside trainers, and handling registration and logistics.

Conducting research & preparing reports, newsletters, fact sheets, brochures, & guidance: NEWMOA has written and published numerous reports, fact sheets, brochures, and guidance documents. These materials are published online, and some are published in hard copy. NEWMOA has expertise in researching, writing, editing, and publishing a wide variety of

documents for technical and non-technical audiences.

Data analysis & presentation: NEWMOA has conducted data analysis and prepared data presentations using its expertise in researching and gathering data, analyzing data, and summarizing the results.

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