

2021 EM Editorial Calendar*

Issue	Topic	Editorial Deadline
January	<p>Community-Based Air Quality Assessment</p> <p>Community-based air quality assessment includes monitoring, exposure assessments, and planning at community levels. Air quality monitored at the community level empowers local communities in decision-making processes to help reduce emissions, reduce exposure, and develop local mitigation. The January issue explores the air quality assessment work done at community levels.</p>	October 15, 2020
February	<p>Shipping Impacts on Air and Water Quality</p> <p>Ships contribute to climate pollution, air pollution, water pollution, and noise pollution. Some of those impacts have been temporarily mitigated by the coronavirus pandemic, but not for long. The February issue considers the impacts the global maritime shipping industry has on climate, air quality, water quality, and the broader ocean ecosystem.</p>	November 16, 2020
March	<p>Waste Management</p> <p>The focus of the March issue is topics related to management of all types of waste: municipal, industrial, agricultural/forestry, and hazardous wastes. Topics of interest include waste prevention, recycling, waste reuse and energy recovery, waste management/disposal, contaminated site remediation, vapor intrusion mitigation, and Brownfields development.</p>	December 15, 2020
April	<p>Air Quality Modeling</p> <p>Air quality modeling is a key element of the air quality permitting and planning processes. Air dispersion modeling, photochemical modeling, and other tools are used during air quality permitting and planning to predict health-relevant air pollutant impacts. Regulatory models and guidance on how to implement them are constantly evolving. The April issue provides a review of recent developments in the science and practice of regulatory air modeling.</p>	January 15, 2021
May	<p>Renewable Energy:</p> <p>The role of renewable energy resources is growing rapidly in the United States. Renewable energy is playing an increasingly important role in displacing fossil fuels, such as gasoline, diesel, and natural gas. The May issue covers the current landscape and future of renewable generation deployment in the United States, the status of state-level renewable portfolio standards, the role of storage in enhancing the value of renewable generation, renewable fuel standards, and the increasing role of renewable natural gas.</p>	February 15, 2021
June	<p>Emerging Contaminants</p> <p>Per- and polyfluoroalkyl substances (PFAS) are a class of emerging contaminants that continue to be the growing focus of public attention and regulatory compliance. Including more than 3,000 fluorinated compounds with varying physical and chemical properties, the strong fluorine-carbon bond means PFAS tend to be very resistant to thermal, chemical, and biological degradation. The June issue looks at the potential persistence of PFAS in the environment and the developing regulatory and compliance strategies globally.</p>	March 15, 2021

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July	<p>Facing up to COVID-19</p> <p>The July issue addresses various topics related to the COVID-19 pandemic, most notably, experiences and lessons learned from federal and state policies addressing regulatory flexibility, compliance, enforcement, monitoring, permitting and reporting; and air and waste releases, environmental quality, and public health.</p>	April 15, 2021
August	<p>Young Professionals Share Environmental Expertise</p> <p>The featured articles in the August will be authored by young professionals. The topics will be diverse by media and region. Articles will address timely regulatory issues, emission control technologies, and topics for which the authors have developed specialized expertise.</p>	May 14, 2021
September	<p>New Insights in Air Quality Monitoring Using Satellite Data</p> <p>For many years, NASA and other national space agencies have employed space-based instrument systems to monitor atmospheric pollutants at increasingly finer spatial and temporal resolution. The September issue describes some of the insights that current and former missions have provided in air quality modeling to the scientific community and what discoveries may yet come from the next generation of satellite instrumentation.</p>	June 15, 2021
October	<p>Natural Emissions and Their Impacts on Air Quality</p> <p>Emissions from natural sources can have important impacts on air quality. Examples of natural-source emissions include windblown dust; organosulfur, halogen, and sea-salt emissions from oceans; volcanic emissions; wildfires emissions; nitrogen oxides emissions from lightning; and biogenic/soil emissions. The October issue explores these natural emissions and their impacts on atmospheric ozone and particulate matter.</p>	July 15, 2021
November	<p>Implementation of the National Ambient Air Quality Standards</p> <p>The implementation of National Ambient Air Quality Standards (NAAQS) for sulfur dioxide, ozone, and particulate matter pose challenges for the U.S. Environmental Protection Agency (EPA), state, local, and tribal governments, as well as affected sources. Relevant issues include environmental justice, appropriate methods for benefit/cost analyses, and implications for energy, climate, and health. Deadlines approach for attaining the ozone NAAQS and designating the fourth round of sulfur dioxide nonattainment areas. Will EPA finalize proposals to retain the current standards? What are the next steps?</p>	August 16, 2021
December	<p>Climate Policy: Five Cities Provide Leadership in Reducing Emissions</p> <p>The focus of the December issue are the aggressive goals that cities in the United States and in other countries have established to reduce carbon dioxide/greenhouse gas emissions. In the United States, these goals exceed efforts planned by the federal government. In other countries, these goals help fulfill the obligations of that country as part of their Paris Climate Accord Commitments. The plans and ideas discussed in this issue may help spark additional initiatives in the cities of <i>EM</i> readers.</p>	September 15, 2021

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