

2019 EM Editorial Calendar*

Issue	Topic	Editorial Deadline
January	<p>Topic: Air Toxics <i>Coordinator: Brian Noel</i> <i>Description:</i> Emissions of toxic air contaminants can result from a wide variety of industrial and commercial activities. Air toxics are those compounds that are known to cause cancer or result in other negative health effects. The January issue will evaluate the release and impact of toxic air contaminants.</p>	October 15, 2018
February	<p>Topic: Environmental Education <i>Coordinator: Ashok Kumar</i> <i>Description:</i> This issue will present an overview of the challenges facing environmental education and training, associated with environmental education accreditation, distance learning, sustainability, ethics, entrepreneurship, environmental engineering curriculum, sustainability, and outreach. Case histories will be presented to explain the current and future efforts in these areas.</p>	November 16, 2018
March	<p>Topic: Waste Management <i>Coordinators: Dave Minott and Mingming Lu</i> <i>Description:</i> This issue will feature articles on relevant topics spanning the entire gamut of waste management, including waste prevention; waste recycling, reuse, and energy conversion; sustainable waste treatment and disposal; waste environmental impacts and regulation; and waste management in developed versus developing countries.</p>	December 14, 2018
April	<p>Topic: Short-Lived Climate Pollutants <i>Coordinator: Bryan Comer</i> <i>Description:</i> Some short-lived climate pollutants (SLCPs), such as methane, are more-or-less covered by agreements that aim to reduce greenhouse gases (e.g., the Paris Agreement); others, like black carbon, are left out because they are particles and not gases. SLCPs stay in the atmosphere for much shorter periods than long-lived climate pollutants like carbon dioxide (CO₂), but pound-for-pound, they warm the atmosphere much more than CO₂. The upside is that reducing SLCP emissions has a more immediate climate benefit than reducing CO₂ emissions alone. This issue will identify the sources of SLCPs and discuss how they are controlled and what can be done to better address their impacts.</p>	January 14, 2019
May	<p>Topic: Air Quality Monitoring <i>Coordinators: Susan Wierman and Anthony Schroeder</i> <i>Description:</i> U.S. Environmental Protection Agency (EPA) requirements for air monitoring are a critical feature of the National Ambient Air Quality Standards (NAAQS) for criteria air pollutants and also provide important information about other pollutants. Intensive monitoring campaigns help support analyses of local and regional air pollution issues. Authors are encouraged to submit articles describing recent developments in air monitoring and their implications for air management.</p>	February 15, 2019
June	<p><i>Annual Conference Issue</i> Topic: Border Issues <i>Coordinators: Terry Keating and Susan Wierman?</i> <i>Description:</i> International borders pose no barriers to the transport of air pollution, and population centers near borders are particularly affected by international transport of pollutants. Since A&WMA's 2019 Annual Conference & Exhibition will be held in Quebec City in June 2019, authors are encouraged to submit articles for this issue that describe Canadian and U.S. efforts to identify and address international transport affecting either or both of these nations, as well as broader international agreements affecting cross-border pollutant transport.</p>	March 15, 2019

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July	<p>Topic: Reactive Nitrogen Deposition <i>Coordinators: John Walker and Gregory Beachley</i> <i>Description:</i> This issue will focus on the state of the science with respect to total nitrogen (N) deposition budgets in the United States and the research needed to improve these estimates. It is intended to provide program managers, natural resource managers, policy-makers, and scientists with a better understanding of the need for complete and accurate N deposition budgets to protect ecosystem health and human welfare, as well as the linkages between the underlying policy-relevant science questions and the knowledge gaps that must be addressed.</p>	April 15, 2019
August	<p>Topic: NSR Reform 2.0 <i>Coordinators: Leiran Biton and Brian Noel</i> <i>Description:</i> The U.S. Environmental Protection Agency's (EPA) New Source Review (NSR) program has been targeted for reform in the past, and additional changes are impending. Some NSR Reform programs were enacted in the early 2000s. The current round of "NSR Reform" seems focused on even broader changes to the program than previous reform efforts. This issue will give multiple perspectives on the current NSR Reform efforts: from industry, environmental groups, to EPA, and states. How will these policies affect the permitting process, and what will be the aggregate effect on the environmental protection and economic priorities?</p>	May 15, 2019
September	<p>Topic: Climate Change Impacts <i>Coordinator: Ali Farnoud</i> <i>Description:</i> Climate change is already affecting decision-making by environmental managers, with implications ranging from stewardship of resources to public health to planning for extreme events. This issue will address public and private sector responses to the impacts of climate change.</p>	June 15, 2019
October	<p>Topic: Visibility <i>Coordinators: John Kinsman and Gary Bramble</i> <i>Description:</i> In January 2017, the U.S. Environmental Protection Agency (EPA) finalized a national regional haze rule applying to state reasonable progress plans due by 2021 for the period 2019-2028. In January 2018, EPA announced that it was revisiting the 2017 rule. This issue will address EPA revisions to the 2017 rule, state and other stakeholder views on those revisions, and state planning activities.</p>	July 15, 2019
November	<p>Topic: Citizen Science in Environmental Applications <i>Coordinator: Prakash Doraiswamy</i> <i>Description:</i> This issue will feature articles on how citizen scientists contribute to environmental studies. Citizen scientists have been contributing to environmental studies that look at measuring the air quality in their neighborhood using low-cost sensors, collecting information on water reservoirs, observing land-cover characteristics, and so on, as part of scientific studies. This issue plans to highlight such studies where citizen science is an important component.</p>	August 14, 2019
December	<p>Topic: Winter Time Air Quality <i>Coordinators: Golam Sarwar and James Kelly</i> <i>Description:</i> Severe air pollution episodes occur in the United States and other parts of the world (e.g., China) in wintertime when meteorological inversions trap emissions of particles and other pollutants near their sources. In addition, wintertime inversions can lead to elevated secondary particulate matter and ozone concentrations under certain conditions. The sources, meteorology, and formation pathways for wintertime pollution differ from those that lead to high summertime pollution. This issue will review contemporary wintertime air quality challenges.</p>	September 14, 2019

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