

Call for Papers**Advances in Carbon Nanomaterial Design and Applications for Environmental Sustainability**

**Division of Environmental Chemistry
256th National Meeting & Exposition
Boston, MA – August 19-23, 2018**

Abstract Submission Deadline: **March 12, 2018**

Due to their diversity, unique properties, and tunable chemistry, carbon nanomaterials, including carbon nanotubes, graphene, fullerenes, and other carbon nanostructures, have found their place in wide-ranging environmental technologies. In this symposium, we will celebrate the accomplishments of over two decades of research in the environmental chemistry, design, and use of carbon nanomaterials, and the opportunities to inform the next generation of environmental applications. Chemists, biologists, materials scientists, and engineers are invited to share their research and join in the discussion surrounding current topics in the sustainable use of carbon nanomaterials for environmental applications. Topics of interest to this symposium include, but are not limited to, the following:

- 1) Environmental applications of carbon nanomaterials for:
 - a. water, air, and soil treatment and decontamination
 - b. sensors for environmental contaminant detection
 - c. use in agriculture
- 2) New synthesis and characterization methods for carbon nanomaterials and composites
- 3) Advances in the understanding of life-cycle impacts and benefits of carbon nanomaterials and the products they enable
- 6) Sustainable design of carbon nanotechnologies from the molecular to the product level

Please submit your abstracts using the ACS Meeting Abstracts Programming System (MAPS) at <https://maps.acs.org>. General information about the conference can be found at www.acs.org/meetings. Any other inquiries should be directed to the symposium organizers:

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