

Welcome to ACS Sustainable Chemistry & Engineering

Welcome to the inaugural issue of *ACS Sustainable Chemistry & Engineering*. This first issue is the culmination of several years of planning within the American Chemical Society for a journal dedicated to publishing high impact research advances in the fields of green chemistry, green engineering, and sustainability.¹ Our inaugural issue provides a sampling of the broad range of this research. The initial collection of research articles and letters includes multiple contributions addressing the chemistry of biomass and other renewable feedstocks. Also addressed are green solvent systems, new materials for energy storage, and the intensification of chemical processes, improving energy and mass efficiencies.

In addition to research articles and letters, the journal will publish several other types of manuscripts. Perspectives will be critical assessments of the sustainable chemistry and engineering research literature. Features will examine significant developments and issues affecting the sustainable chemistry and engineering community. The inaugural issue includes two Features. A Feature from Russell and Shiang² describes the development and use, within one of the world's largest chemical companies, of tools for assessing sustainability during product development. In a second Feature, Ekins, Clark, and Williams³ present an educational tool—a mobile application for characterizing the environmental footprints of common solvents.

These types of research contributions are not entirely new to the ACS family of publications. Journals such as *Environmental Science & Technology*, *Industrial & Engineering Chemistry Research*, *Organic Process Research & Development*, *ACS Nano*, *ACS Catalysis*, and *Energy & Fuels*, to name just a few, have long welcomed contributions describing advances that reduce environmental footprints and enhance sustainability. The contribution made by *ACS Sustainable Chemistry & Engineering* will be not just to enhance the visibility of these contributions but also to facilitate the sharing of common underlying principles of green chemistry, green engineering, and sustainability among researchers from disparate fields of application. These common principles are just beginning to take shape; a goal of the journal will be to promote their development and to create a research community focused on these common elements.

As editor, I thank the authors, who entrusted their manuscripts to a new journal, and our Editorial Advisory Board members, who have provided advice and guidance. I look forward to working with new contributors, as well as reviewers and readers, to make *ACS Sustainable Chemistry & Engineering* the intellectual home for our diverse community. I invite your comments and suggestions.

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Notes

Views expressed in this editorial are those of the author and not necessarily the views of the ACS.

The author declares no competing financial interest.

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