

Editorial for ACS Sustainable Chemistry & Engineering Journal

I am pleased to join the ACS *Sustainable Chemistry & Engineering* journal as an Associate Editor. As explained by the Editor in Chief David Allen in the inaugural issue, this new ACS journal provides a unifying forum for sharing common underlying principles of green chemistry, green engineering, and sustainability among researchers from various fields of application.¹ Resource-efficient technologies are increasingly being viewed as not only being essential to promote sustainability but also as an effective business strategy. New conversion pathways and technologies are needed for making products from either renewable or conventional feedstocks with reduced environmental footprints. New chemistries and processes are also needed to create benign functional equivalents for many chemical products. This paradigm-shifting landscape provides exciting R&D challenges and opportunities for the green chemistry and green engineering communities. Further, quantitative cradle-to-grave life cycle analysis will play a pivotal role in identifying process performance metrics that guide the development of sustainable technologies. The launch of this new journal is thus timely for sharing such advances while also archiving foundational knowledge and applications in these areas. In the few issues to date, the journal has already seen contributions in diverse aspects of sustainable process and product development such as new chemical pathways from biomass, examples of homogeneous and heterogeneous catalysts (both biological and metal-based) for atom economical transformations of raw materials to desired products, novel materials for energy storage, use of neoteric solvents such as ionic liquids and gas-expanded liquids as benign processing media, and comparative life cycle analysis of conventional technologies versus greener alternatives. We would indeed be pleased to receive more such manuscripts from the global research community focused on these themes. I look forward to working with David Allen, the Editorial Board members, and the ACS staff in guiding this new journal to be of immense value to the science and professional communities it serves.

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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.

■ REFERENCES

(1) Allen, D. Welcome to ACS *Sustainable Chemistry & Engineering*. *ACS Sustainable Chem. Eng.* **2013**, *1*, 1–1, DOI: 10.1021/sc300167v.

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