

Editorial

In 2010, the Journal celebrates its 55th anniversary. The first three issues starting in 1956 were published as a separate publication, *Chemistry Chemical & Engineering Data Series of Industrial and Engineering Chemistry*, at initially one issue per year. The *Data Series* and the subsequent Journal's mission was to publish fundamental data on the properties of materials with minimal discussion. It was expected that some of the data would be for immediate applications and some of interest in the future, but it was deemed that the actual numerical values be archived in a form suitable for technical use. In 1959, Volume 4 was renamed the *Journal of Chemical and Engineering Data* and became a quarterly publication under the editorship of Will H. Shearon, Jr. with W. Albert Noyes as Associate Editor. In 1965, Bruce H. Sage was appointed Editor and in 1970 was joined by Associate Editors Everett R. Johnson and Richard H. Wiley. Bruno Zvolinski, Director of the Thermodynamics Research Center (TRC), Texas A&M University, was Editor from 1971 to 1990. In 1971, Randolph C. Wilhoit, TRC, Texas A&M University, was appointed as an Associate Editor. Wiley relinquished the Associate Editorship in 1972 and Johnson in 1975. In 1979, Joseph A. Dixon, Pennsylvania State University, joined as Section Editor responsible for New Compounds. In 1989, the New Compounds Section was dropped, and Henry V. Kehiaian, University of Paris VII-CNRS, was appointed and completed his term in 1996 as Associate Editor. Kenneth N. Marsh, Director of TRC, Texas A&M University and subsequently University of Canterbury, New Zealand, was appointed Editor in 1991. In 1999, Wilhoit was replaced by Joseph W. Magee, National Institute of Standards and Technology, Boulder, who served until 2005 when he was replaced Anthony R. H. Goodwin, Schlumberger Technology Corporation. Paul L. Brown, Rio Tinto, was appointed Associate Editor in 2006, and Robert D. Chirico, National Institute of Standards and Technology, Boulder, and Jiangtao Wu, Center of Thermal & Fluid Science, Xi'an Jiaotong University, Xi'an, China, were appointed as Associate Editors in 2008 and 2009, respectively. The above summary of the history of the Journal is provided since this information is not available with the Web version.

From 1960 to 1992, the Journal was published quarterly with approximately 500 pages per year. In 1994 when the number of printed pages approached 1000, the Journal became bimonthly, and in 2008, it was published monthly after the yearly page number exceeded 2500. The number of manuscripts accepted has increased significantly in the last three years, and for the first time in 2009 the Journal exceeded its page budget significantly. As a result, there remains a considerable backlog in printing the published ASAP papers. Even with a significantly increased page budget for 2010, there will remain a considerable print backlog. Authors are reminded that publication on the web as ASAP, which occurs in 2 to 4 weeks after a manuscript is accepted, is regarded as the definitive publication date, and the DOI is a valid reference.

In view of these circumstances, the Editors will be strictly enforcing, in cooperation with reviewers, policies to reduce the number of pages in an accepted manuscript in order to be able to reduce the backlog in the print publication as well as accommodate anticipated further increases in accepted manuscripts in 2010. To do so, the authors are asked to provide primarily figures showing deviations of the results reported from a correlating equation of both the data and, if available, values reported in the literature. Nonessential figures and tables can still be published as Supporting Information (SI) which is linked to the published paper. We strongly encourage authors to consider these alternative options. In addition, authors will also be asked to remove equations that are well-known and available in advanced Chemistry and Chemical Engineering textbooks and to reduce excessively long introductions and speculative discussion as well as references marginal to the work described. Authors are reminded that for short articles the discussion must be minimal.

The first of the series of Festschrifts (Robin H. Stokes, *J. Chem. Eng. Data* 2009, 53, issue 2; Gerhard Schneider, *J. Chem. Eng. Data* 2009, 53, issue 5; and Sir William Wakeham, *J. Chem. Eng. Data* 2009, 53, issue 9) have been very successful. Future Festschrifts are planned for Josef Barthel (2010), Sir John Rowlinson (2010), and John Prausnitz (2011). Also planned are invited reviews that will also appear at a rate of about two per annum covering experimental techniques, measurements used for processes, and properties of materials.

The new submission procedures instituted in 2009 in cooperation with the Thermodynamics Research Center (TRC) of the National Institute of Standards and Technology (NIST) are providing editors, authors, and reviewers with valuable information on both the quality of the data and the existence of literature data not cited in the manuscript. Authors should note that simple plots of data often reveal errors and inconsistencies in the data and, in many cases, indicate that the claimed uncertainties are far too optimistic. There remain a considerable number of manuscripts submitted without detailed comparisons with literature data. Reports provided by NIST have revealed a number of cases in which newly submitted data are in serious disagreement with the existing body of knowledge and are clearly in error. The NIST reports to the Editors have been invaluable in illuminating these problems.

With sadness, we inform you of the death of Henry V. Kehiaian, Associate Editor, 1989 to 1996, on December 18, 2009.

Kenneth N. Marsh, Editor

Paul L. Brown, Associate Editor

Robert D. Chirico, Associate Editor

Anthony R. H. Goodwin, Associate Editor

Jiangtao Wu, Associate Editor

JE901066X