

Meet the Editorial Advisory Board of *Environmental Chemistry*

Peter Brimblecombe, University of East Anglia, Norwich, England



Born in Australia, educated in Auckland, New Zealand, and now Professor at the School of Environmental Sciences, University of East Anglia, the consistent stream in Peter Brimblecombe's professional life has been his interest in air pollution. His current research interests include the thermodynamics of the concentrated aqueous aerosols in relation to the chemistry of polar stratospheric cloud droplets, the chemistry of forest smoke, and damage to materials by air pollutants. The historical and cultural aspects of atmospheric pollution formed the subject of his book, *The Big Smoke*.

Peter Campbell, Université du Québec, INRS, Québec City, Canada



Peter Campbell is interested in the biogeochemistry of metals in the aqueous environment. Current research topics include elements of analytical chemistry (establishing methods to determine metal speciation), geochemistry (identifying factors controlling metal speciation in natural waters), and ecotoxicology (developing predictive models to relate biological responses elicited by a metal to its speciation). He completed his under- and postgraduate studies at Bishop's and Queen's Universities, respectively, and presently holds a Canada Research Chair in Metal Ecotoxicology.

Greg Carmichael, University of Iowa, Iowa City, USA



Greg Carmichael commenced his career in chemical engineering at the Iowa State University (B.S. 1974) before crossing Illinois to the University of Kentucky (M.S. 1975, Ph.D. 1978) then back again in 1985 as Professor of Chemical Engineering at the University of Iowa. He has been a Director of the Center for Global and Regional Environmental Research, among many other positions. His main research is focussed on atmospheric pollutant modelling, and was the recipient of the Priestly Medal in 2003.

Zhongming Chen, Peking University, Beijing, China



Dr. Zhongming Chen is Professor of Atmospheric Chemistry at Peking University, Beijing, China. His research interests are focused on the laboratory study for atmospheric chemical kinetics and mechanisms in gaseous, aqueous and heterogeneous phases, and field measurement for atmospheric intermediate compounds including peroxides and carbonyl compounds, aimed at understanding the cycle of atmospheric oxidants and its relationship with climate change and human health on a regional and global scale. He received his PhD in Environmental Chemistry at Peking University in July 1995 and has served there since its completion. He was Visiting Scholar at the Laboratoire De Combustion Et Systems Reactifs (now ICARE), CNRS, Orleans, France in 1996, and was COE Guest Professor and JSPS Researcher at the Institute for Hydrospheric-Atmospheric Sciences, Nagoya University, Nagoya, Japan in 1998-2000.

Terry Collins, Carnegie Mellon University, Pittsburgh, USA



Terry Collins is the Thomas Lord Professor of Chemistry at Carnegie Mellon University, where he directs the Institute of Green Oxidation Chemistry, and is also Honorary Professor at the University of Auckland, New Zealand, where he received his degrees (B.Sc. 1974, M.Sc. 1975, Ph.D. 1978). His research program is focussed on greening oxidation technologies and chemical sustainability. Among his research awards are the 1998 Presidential Green Chemistry Challenge Award, the 1997 Award of the Japanese Society for Pure and Applied Coordination Chemistry, a Dreyfus Teacher–Scholar Award, and an Alfred P. Sloan Fellowship. He is currently an Associate Editor of *Green Chemistry* and also serves on several Editorial Advisory Boards.

Olivier Donard, Université de Pau et des Pays de l'Adour, Pau Cédex, France



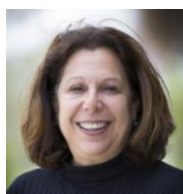
Olivier Donard is a Research Director at the CNRS, working in the Laboratoire de Chimie Analytique Bioinorganique et Environnement. His main research interests are in the fate and translocation of metal species and organometallic compounds between different compartments of the environment. These results were obtained by pioneering approaches in both sample preparation and derivatization, and the development of hyphenated techniques using atomic spectroscopy as detector (AAS, AFS, ICP/AES, ICP/MS) for the routine use of metal species determination. His work has led to more than 180 publications.

Jörg Feldmann, University of Aberdeen, Aberdeen, Scotland



The major targets of Jörg Feldmann's research are metal speciation in biogeochemistry and the related investigation of microbiological transformations of inorganic metallic compounds into their organometallic counterparts. His current special interest is the generation of volatile metal(loid) compounds and their precursor and metabolite compounds, both in the environment and in the arsenic metabolism.

Vicki Grassian, University of California San Diego, USA



Vicki H. Grassian is currently a Distinguished Professor at the University of California San Diego with appointments in the Departments of Chemistry & Biochemistry, Nanoengineering and Scripps Institution of Oceanography. She also holds the Distinguished Chair of Physical Chemistry. Professor Grassian's research spans and intersects several areas including physical, analytical, surface, materials, atmospheric and environmental chemistry. Currently, her research focuses on the chemistry of complex environmental interfaces including indoor surfaces that impact indoor air quality, heterogeneous and multiphase aerosol chemistry, geochemical interfaces and engineered nanomaterials with an emphasis on their environmental and health impacts.

Tony Haymet, Scripps Institution of Oceanography, La Jolla, USA

Ole Hertel, University of Aarhus, Denmark



Ole Hertel is Head of Section at the National Environmental Research Institute, University of Aarhus, Denmark. His research interests are in the assessment of atmospheric deposition of nitrogen to marine and terrestrial ecosystems, and in the assessment of human exposure to air pollution. He received his M.Sc. from University Aalborg, Denmark, his Ph.D. from the University of Bergen, Norway, and his EBA from the Engineering College of Copenhagen. He is titular member of the IUPAC Division for Chemistry of the Environment.

Barry Huebert, University of Hawaii, Honolulu, USA



Barry Huebert studied chemistry (B.A. Occidental 1967) and physical chemistry (Ph.D. Northwestern 1970) during the Vietnam War and the first Earth Day. His preference for the latter got him into airborne research on HNO_3 and aerosols, while long physical chemistry laboratory reports made him forever concerned about measurement errors and uncertainties (especially those as a result of aerosol inlets). His present work at the University of Hawaii, where he is professor of oceanography, centers on quantifying the factors that control gas exchange using dimethylsulfide eddy flux measurements under many conditions. He has a fondness for Lagrangian experiments, marine gas exchange, disturbing the status quo, and chocolate. His grandchildren are cuter than yours.

Scott Mabury, University of Toronto, Canada

William Maher, University of Canberra, Canberra, Australia



Bill Maher (M.App.Sci. 1977, Ph.D. 1981) is a professor in environmental/analytical chemistry at the University of Canberra. His research interests are the biogeochemical cycling of trace metals, metalloids, and nutrients in aquatic ecosystems, development of water quality and sampling guidelines, and developing analytical procedures for measuring trace contaminants in waters, biota, and sediments. He is the director of the Ecochemistry Laboratories at the University of Canberra. He was awarded the RACI Analytical Division's medal in 2002.

Mike McLaughlin, CSIRO and University of Adelaide, Australia



Mike McLaughlin is currently a Director of CSIRO's Centre for Environmental Contaminants Research and also a Professor in the School of Earth and Environmental Sciences at The University of Adelaide, Australia. He received his undergraduate training at the University of Ulster in Northern Ireland, and postgraduate degrees from Reading University, UK and The University of Adelaide. Mike's research interests are principally in environmental chemistry, specifically the behaviour and toxicity of nutrients and contaminants in terrestrial systems, the speciation and bioavailability of metals, and the assessment and remediation of contaminated soils.

Mario Molina, Massachusetts Institute of Technology, Cambridge, USA



Mario Molina is concerned with the chemistry of the atmosphere and with the various ways in which human society can affect it. He aspires to understand, at a fundamental level, the key atmospheric chemical processes that have important consequences. He was born in Mexico City, Mexico, and was awarded his Ph.D. (1972) from the University of California, Berkeley. He came to MIT in 1989 and was named MIT Institute Professor in 1997. He has received several awards, including a share in the 1995 Nobel Prize in Chemistry.

John Seinfeld, California Institute of Technology, USA



John H. Seinfeld is the Louis E. Nohl Professor in the Divisions of Chemistry and Chemical Engineering and Engineering and Applied Science at the California Institute of Technology. He is a member of the U.S. National Academy of Engineering and a Fellow of the American Academy of Arts and Sciences. He is a Fellow of the American Association for the Advancement of Science, the American Institute of Chemical Engineers, and the American Geophysical Union. He was President of the American Association for Aerosol Research. He was chairman of the NASA Working Group on Scientific Research Objectives in Tropospheric Pollution and served on the EPA Clean Air Scientific Advisory Committee and the NASA Advisory Council. He was chairman of the National Research Council Committee on Tropospheric Ozone Formation and Measurement and of the NRC Panel on Aerosol Radiative Forcing and Climate. He served as Vice Chair of the NRC Committee on Atmospheric Chemistry. Professor Seinfeld is the author of numerous scientific papers and books, including *Atmospheric Chemistry and Physics: From Air Pollution to Climate Change* (1998; second edition, 2006). He is the recipient of honorary doctorates from the University of Patras (Greece), Carnegie Mellon University, and Clarkson University.

Elizabeth A. Stone, University of Iowa, USA



Elizabeth A. Stone is a Professor in Chemistry and Chemical and Biochemical Engineering at the University of Iowa. She received her Bachelor's degree with majors in Chemistry and French from Grinnell College (B.A., 2005) and her doctoral degree at the University of Wisconsin-Madison in the Environmental Chemistry and Technology Program (Ph.D., 2009). Her research focuses on chemically characterizing atmospheric particulate matter to evaluate its sources, atmospheric transformations, and impacts on health and climate.

Jonathan Williams, Max Planck Institute for Chemistry, Germany



Jonathan Williams is an atmospheric chemist. He received his B.Sc. in Chemistry and French and his Ph.D. in Environmental Science from the University of East Anglia, England. Between 1995 and 1997, he worked at the NOAA Aeronomy laboratory in Boulder, USA. He has participated in many international field campaigns, on aircraft and ships, and at ground stations. His present research involves investigating the chemistry of reactive organic species in the atmosphere, and he leads a group with this aim at the Max Planck Institute for Chemistry in Mainz, Germany. In his spare time he enjoys sailing, swimming and the occasional beer.

Paul Worsfold, University of Plymouth, Plymouth, England



Paul Worsfold is currently Director of the Plymouth Environmental Research Centre at the University of Plymouth. His nomadic career led him to Germany and the Netherlands for industry, Canada for a Ph.D., Denmark for a postdoc, then back to England in 1990. His research activities centre on the design and deployment of remote analytical systems, with specific projects for monitoring nutrients in water catchments. He has been awarded numerous prizes and fellowships.