

## Meet the Editorial Board of *Environmental Chemistry*

### Jamie Lead, University of South Carolina, USA



Jamie Lead is Professor in Environmental Nanoscience and Risk and Director of the SmartState Center for Environmental Nanoscience at the University of South Carolina, USA. He is also adjunct Professor at Shanxi Agricultural University, China, and Honorary Professor at the University of Birmingham, UK, where he was formerly Professor of Environmental Nanoscience (2000-2012) and founding Director of the national facility FENAC (Facility for Environmental Nanoscience Analysis and Characterization). His main research interests relate to the environmentally benign uses of nanotechnology in oil and metal remediation and sensing, along with understanding the fate, behavior and effects of nanomaterials. He has published over 200 papers in the peer-reviewed literature (Web of Science h-index 52; >13,000 citations). He holds

5 patents and has edited 5 books.

### Graeme Batley, CSIRO Land and Water, Australia



Graeme Batley is a Chief Research Scientist with CSIRO Land and Water and past Director of the Centre for Environmental Contaminants Research based in Sydney. He is one of Australia's leading researchers of trace contaminants in aquatic systems, actively researching this area for over 40 years. His focus has been on contaminant speciation, bioavailability and toxicity in waters and sediments. He was a lead author of the water and sediment quality guidelines for Australia and New Zealand in 2000 and was heavily involved in the current updating of these. He holds BSc (Hons1), MSc, PhD and DSc degrees from the University of New South Wales. Graeme is author of over 410 scientific publications (cited 14,000 times), including editing/authoring 7

books, the latest Sediment Quality Assessment, a Practical Guide, and the Oil Spill Monitoring Handbook. He has received several awards, most notably the Eureka Prize for Water Research in 2006. In 2016, he received a lifetime achievement award from the Society of Environmental Toxicology and Chemistry.

### Ying Chen, Fudan University, China



Ying Chen is a professor in the Department of Environmental Science and Engineering at Fudan University, China. She received a Ph.D. in Environmental Chemistry from the University of Maryland at College Park in 2004 and worked as a postdoctoral fellow at Stanford University for about two and half years. She had brief work experience in a consulting company before becoming a professor at Fudan University in 2009. Her research focuses on the chemical analysis of marine aerosols to reveal source contributions, formation pathways, metal solubility, deposition fluxes of chemicals and biogeochemical effect.

### Jon Chorover, University of Arizona, USA



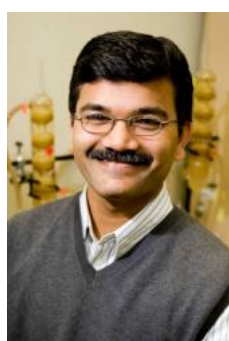
Dr Jon Chorover received a Ph.D. in Soil Chemistry at University of California, Berkeley (1993) and then completed an NSF International Postdoctoral Fellowship in the Department of Chemistry at University of Geneva, Switzerland (1994–1995). He was appointed Assistant and then Associate Professor of Environmental Soil Chemistry at the Pennsylvania State University (1995–2001) before moving to the Department of Soil, Water and Environmental Science at the University of Arizona in 2001, where he is currently Professor of Environmental Chemistry. He is currently chair of the Soil Chemistry Division of the International Union of Soil Sciences and is actively involved in interdisciplinary and international working groups in environmental and earth sciences. At Arizona, Dr Chorover maintains an active research and teaching program focusing on soil chemistry and biogeochemistry, with an emphasis on how mineral–organic interactions influence the weathering of soils and the speciation of pollutants.

**Peter Croot, National University of Ireland, Ireland**



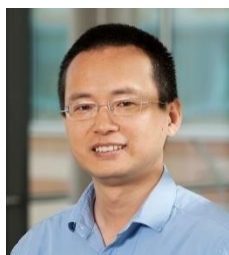
Peter Croot is a marine biogeochemist who focuses on links between trace element speciation, redox, photochemistry, and phytoplankton productivity in the ocean, with special emphasis on the Southern Ocean and the oxygen minimum zones in the Atlantic and Pacific. Dr Croot undertook his Ph.D. studies in the Chemistry Department at the University of Otago in Dunedin, New Zealand. This was followed by post-doctoral studies at WHOI (USA), Gothenburg University (Sweden), and at the NIOZ (Netherlands) and held research positions at the IFM-GEOMAR in Kiel, Germany and PML in Plymouth, UK. In 2012 he took up the position of Established Professor of Earth and Ocean Sciences at the National University of Ireland, Galway (NUIG).

**Kurunthachalam Kannan, New York University School of Medicine, USA**



Dr Kurunthachalam Kannan is a Professor in the Department of Pediatrics, New York University, New York. Professor Kannan's research interests are in developing novel analytical methods to determine organic contaminants in human and environmental samples, and in understanding sources, pathways, and human exposure assessment. Professor Kannan has published over 700 research articles and is on the ISI list of the top five most highly cited researchers in the world in the field of Ecology/Environment. Professor Kannan is a recipient of several awards and honours throughout his career, including the Society of Environmental Toxicology and Chemistry's Weston F Roy Environmental Chemistry award and a Super Reviewer Award. He was an Editor of Chemosphere, and Ecotoxicology and Environmental Safety.

**Jing Ming, Beacon Science & Consulting, Australia**



Dr. Jing Ming is an environmental scientist and academic consulting at Beacon Science & Consulting (BS&C), Adelaide, Australia. He received his B.S. in geology at Zhejiang University in 2002 and his Ph.D. in quaternary geology at the Institute of Geology and Geophysics, Chinese Academy of Sciences in 2008. He was an Associate Research Professor at National Climate Centre, China Meteorological Administration during 2010-2016. From 2016 to 2018, he did a post-doctoral project at Max Planck Institute for Chemistry, Mainz, Germany. Since 2019 he has been running his own research and consulting service. His research focus is on spotting airborne particles (aerosols, dust, microplastics, etc.), transport and deposition and their environmental and climate effects.

**Zongbo Shi, University of Birmingham, UK**

**Ke Sun, Beijing Normal University, China**



Ke Sun is a professor in School of Environment at Beijing Normal University, China. She received her Ph.D. in Environmental Science from Guangzhou Institute of Geochemistry, CAS in 2007 and worked as a visiting scholar at the University of Massachusetts Amherst for about one and a half years. Her research focuses on soil environmental effects of biochar and biogeochemical cycling of soil organic matter. She has published over 80 papers in the peer-reviewed literature (Web of Science h-index 35).

**Ngoc Han Tran, National University of Singapore, Singapore**



Ngoc Han Tran is an environmental chemist with over 16 years' experience, working with universities and institutes. Dr Tran received a Ph.D. in environmental engineering at Tokyo Institute of Technology (2010). He is currently working in the National University of Singapore as a Senior Research Fellow. His research focuses on environmental occurrence, fate, and transformation of emerging contaminants in engineered systems and natural systems, where his expertise lies in developing analytical methods for detection of emerging contaminants (i.e. pharmaceuticals and personal care products, disinfection by-products, algal toxins, per- and polyfluoroalkyl substances, etc.) in different environmental compartments.

**Jason M. Unrine, University of Kentucky, USA**



Jason M. Unrine is Assistant Research Professor in the Department of Plant and Soil Sciences at the University of Kentucky. He earned his B.Sc. in Biology from Antioch College in 1998 and his Ph.D. in Toxicology from the University of Georgia in 2004. He conducted his postdoctoral research at the Savannah River Ecology Laboratory in 2005 where he subsequently worked as an environmental chemist (2006–2008). He joined the faculty of the University of Kentucky in 2008. His research focuses on the fate, transformations and bioavailability of trace-elements and engineered nanomaterials as well as their impacts on human and ecosystem health.

**Kevin J. Wilkinson, University of Montreal, Canada**



Kevin J. Wilkinson received a Ph.D. in Environmental Chemistry from the National Water Research Institute of the University of Quebec (INRS-Eau) in 1993. He continued his work at the University of Geneva as a post-doctoral fellow, lecturer, and senior lecturer prior to an appointment at the University of Montreal in 2005. His research program is focused onto relating structure to function: both for environmental biopolymers and colloids and for trace element bioavailability/biouptake. His current research interests include: (i) relating (mechanistically) chemical speciation to bioavailability; (ii) developing and optimising novel analytical techniques for quantifying the bioavailability of contaminants; (iii) detecting, quantifying, and characterising nanoparticles in the environment; and (iv) determining the role of diffusion in complex environmental media (biofilms, flocs, sediments).