Meet the Editorial Board of *Environmental Chemistry*

Jamie Lead, University of Plymouth, UK

Jamie Lead is currently Professor of Environmental Nanoscience, University of Plymouth, UK. Previously he was Professor in Environmental Nanoscience and Risk and Director of the SmartState Center for Environmental Nanoscience at the University of South Carolina, USA (2012-2024). Prior to that, he was Professor of Environmental Nanoscience (2000-2012) and founding Director of the national facility FENAC (Facility for Environmental Nanoscience Analysis and Characterization) at the University of Birmingham, UK. His main research interests relate to the environmentally sustainable uses of nanotechnology in, for instance, the remediation of oil, metal and harmful algal blooms, along with understanding the fate, behaviour and effects of nanomaterials. Work in these areas requires detailed work on nanoscale synthesis, characterization, transformations and biotic-abiotic interactions. He has published over 200 papers in the peer-reviewed literature (Web of Science h-index 60). He holds 6 patents and has edited 6 books.

Maya Al-Sid-Cheikh, University of Edinburgh, Scotland, UK

Maya Al Sid Cheikh is Senior Lecturer in Physical Chemistry at the EaStCHEM School of Chemistry, University of Edinburgh, UK. Previously, she held academic posts at the University of Surrey, where she founded the Applied Radio-Isotope and Environmental Laboratory (ARIEL), advancing research in environmental analytical chemistry. Her research focuses on tracing Contaminants of Emerging Concerns (e.g., microplastics, PFAs, tyre wear particles), understanding the impacts of human activities on toxic metal mobility, and exploring pollutant interactions in aquatic ecosystems. She has worked extensively with radiolabelling techniques for nanoparticles and advanced coupling methods such as Chromatography-ICPMS and nuclear analysis for complex environmental systems.

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 I the current updating of these. He holds BSc (Hons1), MSc, PhD and DSc degrees from the University of New South Wales. Graeme is the 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 effects.

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).

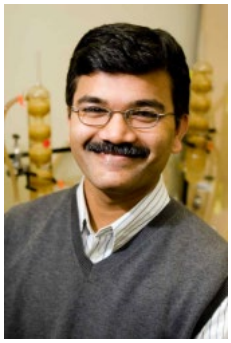
Mohamed Fawzy, Qatar University, Qatar

Mohamed Fawzy is an Assistant Professor in the Department of Chemistry and Earth Sciences, College of Arts and Sciences, Qatar University. He was formerly working as a researcher and Associate Professor in Chemistry at the Department of Chemistry, Bioscience and Environmental Engineering, University of Stavanger, Norway. His research focuses on the advancement and application of green and sustainable chemistry, particularly in the realm of applied organic chemistry, and environmental nanoscience. This involves creating and implementing innovative methods and processes that have minimal environmental impact, leading to new and improved biodegradable products. Currently, his research pursuits revolve around establishing new synthetic pathways for organic compounds that can serve as environmentally conscious foundations for applications in medicine and industry. His Google Scopus H-index stands at 23, reflecting the significance of his work through over 1340 citations.

John Ferry, The University of South Carolina, USA

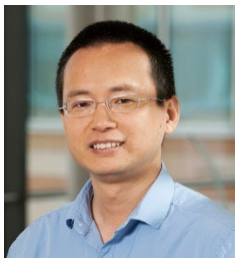
John Ferry is currently a Distinguished Professor of Environmental Chemistry at the University of South Carolina in the Department of Chemistry and Biochemistry, where he has worked since 1998. He earned his BS in Chemistry from the University of Illinois and his MS and PhD in Environmental Science and Engineering from the University of North Carolina. His research is focused on the aqueous processes that determine the fate of organic chemicals in the natural and built environment. It is directed toward reactions and systems involving redox chemistry, with an emphasis on reactive oxygen species and photochemistry. His work involves anthropogenic chemicals and secondary microbial metabolites like harmful algal bloom toxins. He has also developed combinatorial approaches to model complex environmental kinetics in the laboratory for problems like the iron-catalyzed oxidation of reduced sulfur species or organic chemicals by oxygen and analytical methods for trace organics and reactive oxygen species.

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 receipt 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

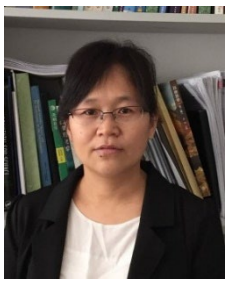


Dr. Jing Ming is an environmental scientist and academic consulting at Beacon Science & Consulting (BS&C), Adelaide, Australia. He received his B.S. in geology at Zhejiang University in 2002 and his Ph.D. in quaternary geology at the Institute of Geology and Geophysics, Chinese Academy of Sciences in 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 focuses on spotting airborne particles (aerosols, dust, microplastics, etc.), transport and deposition and their environmental and climate effects.

Zongbo Shi, University of Birmingham, UK

Zongbo Shi is a Professor of Atmospheric Biogeochemistry at the School of Geography Earth and Environmental Sciences at the University of Birmingham. He received his PhD degree from China University of Mining and Technology (Beijing). He was awarded Japan Society for the Promotion of Sciences Postdoctoral fellowship at the Prefectural University of Kumamoto (2015-2017) and UK's Natural Environmental Research Council Independent Research Fellowship (2011-2015). His research focuses on sources and emissions of air pollutants to the atmosphere, aerosol formation and processes, machine learning, and feedbacks between chemistry of aerosol particles and biogeochemistry of ecosystems.

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).

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).