Contributors

Professor Kenneth W. Abbott
Kenneth W. Abbott is Professor of Law and Willard H. Pedrick Distinguished Research Scholar in the College of Law, and Professor of Global Studies in the School of Global Studies, at Arizona State University. Before joining ASU, he was Elizabeth Froehling Horner Professor of Law and Commerce at Northwestern University School of Law. From 1999-2003, he served as Director of Northwestern’s Center for International and Comparative Studies. He has also taught at Cornell University and the University of California at Berkeley law schools. Abbott graduated from Harvard Law School, magna cum laude, and was an editor of the Harvard Law Review. He practiced corporate and non-profit organizations law before turning to teaching. Abbott’s teaching and research focus on international institutions and governance in a variety of substantive fields. He was a pioneer in the interdisciplinary study of international law, drawing on international relations theory. He has written on international organizations, soft law, framework conventions, private and public-private standard-setting organizations, and a range of other international topics.

Ms Diana Bowman
Diana Bowman is a research fellow in the Monash Centre for Regulatory Studies, Faculty of Law, Monash University, Australia, and the Institute for Energy and Environmental Law, KU Leuven, Belgium. She has published in the areas of public accountability, contracting out government services, public–private partnerships, and energy regulation. Her doctoral studies at Monash University have investigated the regulation of new technologies such as nanotechnology and have covered several frontiers including product safety, intellectual property, international law and public policy.

Dr Qasim Chaudhry
Qasim Chaudhry is a Principal Research Scientist at Central Science Laboratory (CSL). CSL, in collaboration with UK’s SnIRC consortium, has developed a wide ranging knowledge base in nanotechnology related processes, products, applications, potential health effects and environmental
impacts, and relevant regulatory frameworks. Chaudhry is leading research into novel applications and environmental safety of nanomaterials. He has also led a number of recent UK government reviews, such as on the manufacture and use of nanomaterials, consumer safety in relation to application of nanotechnologies in the food sector, and adequacy of current European regulatory frameworks.

**Ms Hanna Comaneshter**
Hanna Comaneshter Schwartz is a PhD candidate at the Department of Government at the University of Haifa, Israel. Her research focuses on content regulation in the media industries and is supervised by Professor David Levi-Faur. Her broader research interests include regulation, governance and media policies. She has an MA in Journalism and Communication from Hebrew University and an MSc in Media and Telecommunication Regulation from the London School of Economics. She served for two years as the director of the research branch in the Cable and Satellite Broadcasting Regulatory Administration. She is currently researching at the Israeli Democracy Institute.

**Ms Carolyn George**
Carolyn George is a Senior Consultant with Risk & Policy Analysts (RPA), an independent consultancy founded in 1990. RPA's work covers such areas as hazard/risk assessment, environmental economics, policy and project appraisal, regulatory and business impact assessment. She has worked at RPA for eight years and has been involved with numerous assessments of the costs and benefits of proposed legislative and/or policy changes. These assessments have spanned a wide range of sectors including water (and marine) resource management, waste management, construction, habitat management, flood risk management, sustainable tourism, consumer safety, and genetically modified organisms.

**Dr George Gilligan**
George Gilligan lives in Melbourne Australia, where he is Senior Research Fellow in the Department of Business Law and Taxation at Monash University. He has taught at the University of Cambridge, Exeter University and Middlesex University in the UK, and La Trobe University, the University of Melbourne and Monash University in Australia. His research interests centre on regulatory theory and practice, especially in relation to the financial services sector; white-collar crime; organized crime; and corruption. He has published extensively in these areas and conducted numerous field research projects examining the praxis of regulation.
Dr Andrew Harford
Andrew Harford completed his postgraduate training in the field of immunotoxicology at RMIT University. He gained experience in human health risk assessments while working as a postdoctoral research fellow at the Australian Centre for Human Health Risk Assessment (ACHHRA, Monash University) and became interested in the field of nanotoxicology during this time. He was instrumental in the establishment of NanoSafe Australia, which is a research network of Australian toxicologists investigating the environmental and the human health impacts of nanotechnologies. He currently conducts laboratory studies focusing on the immunotoxicity of nanomaterials and he is building a research program aimed at providing regulators with the information required to set appropriate workplace and environmental standards for nanomaterials.

Professor Graeme Hodge
Graeme Hodge is Professor of Law and Director of the Monash Centre for Regulatory Studies, Faculty of Law at Monash University, Australia. A leading international analyst on privatization, outsourcing and public–private partnerships he has served as a Special Adviser to several Parliamentary Committees and Inquiries. He has published in management, social and economic policy, public administration, law and regulation. His most recent publication was Privatisation and Market Development: Global Movements in Public Policy Ideas (Edward Elgar, 2006). He has acted as a consultant on governance matters in Australasia, Europe, Indonesia, Philippines and China.

Professor David Levi-Faur
David Levi-Faur is at the Department of Political Science and the School of Public Policy at the Hebrew University of Jerusalem. He has held research positions in the University of Oxford, the Australian National University and the University of Manchester and visiting positions in the London School of Economics, the University of Amsterdam, University of Utrecht and University of California (Berkeley). He is currently working on a book manuscript Regulating Capitalism: Governance and the Global Spread of Regulatory Agencies, to be published by Princeton University Press. His recent work includes special issues of the Annals of the American Academy of Political and Social Sciences (‘The global diffusion of regulatory capitalism’, co-edited with Jacint Jordana) and Governance (‘Varieties of regulatory capitalism’).

Dr Christa Liedtke
Christa Liedtke has a background in biology and theology, and is the Director of the Sustainable Production and Consumption research group.
at the Wuppertal Institute for Climate, Energy and Environment. Liedtke’s work is concerned with developing workable concepts, tools and management systems that support economic, ecological and social sustainability in industries, enterprises and product lines, and she has published widely within these areas.

**Dr Karinne Ludlow**

Karinne Ludlow is a lawyer and university academic in the Faculty of Law at Monash University, Australia with an ongoing interest in the relationship between law and science. She has both a Bachelor of Science and a Bachelor of Laws (Honours) degree as well as a PhD, in which she examined the Australian regulation of agricultural biotechnology. Karinne has made a significant contribution to the literature in the field of the legal issues arising in the commercialization and regulation of scientific discoveries and new technologies, her research having an important impact both academically and judicially.

**Professor Gary Marchant**

Gary Marchant is the Lincoln Professor of Emerging Technologies, Law and Ethics at the Sandra Day O’Connor College of Law at Arizona State University. He is also a Professor of Life Sciences at ASU and Executive Director of the ASU Center for the Study of Law, Science and Technology. His degrees include a PhD in Genetics from the University of British Columbia, a Masters of Public Policy degree from the Kennedy School of Government at Harvard University, and a law degree from Harvard.

**Dr John Miles**

John Miles received his PhD in Solid State Physics from Monash University in Melbourne in 1991. He is a Chief Research Scientist at the National Measurement Institute of Australia (NMIA), with more than 25 years experience in the fields of high-level dimensional, engineering and mechanical measurements. He manages NMIA’s Nanometry program and Melbourne laboratory and is Chairman of Standards Australia Technical Committee NT-001 Nanotechnologies and Australia’s Head of Delegation to ISO TC229 Nanotechnologies. He is a member of the TC229 Working Groups developing standards for terminology and nomenclature and measurement and characterisation. He is a member of the Australian Institute of Physics, Australia’s National Association of Testing Authorities (NATA) Accreditation Advisory Committee for Metrology and was the inaugural president of the Metrology Society of Australia.
Dr Emilio Mordini
Emilio Mordini is a clinical psychoanalyst and founding director of the Centre for Science, Society and Citizenship. He was originally trained as a medical doctor before switching to psychoanalysis and then to ethics and social sciences. He has served on the board of various international organizations and professional societies and has coordinated various EC funded projects including ‘Brain Elsa: ethical, legal, and social aspects of brain research’, and ‘BIG – Bioethical Implications of Globalisation Processes’. Mordini has published widely on the social and ethical implications of new technologies, on ethics, globalization and bioterrorism, on bioethical research, and on changing rationalities and techniques of human identification and emerging biometrics.

Dr Mireille Oud
Mireille Oud is a physicist and obtained her doctor’s degree in Atomic Physics on the topic of ion-atom collisions. Her current interests are in experimental biomedical signal processing, nanotechnology consultancy, and science journalism. For the European platform NanoForum, she carried out investigations and co-authored several of their publications.

Professor Brian Priestly
Brian Priestly is a Professorial Fellow in the Department of Epidemiology and Preventive Medicine (DEPM) at Monash University. He is Director of the Australian Centre for Human Health Risk Assessment (ACHHRA) and his primary area of expertise is in toxicology. ACHHRA’s core objective is to provide a national focus for human health risk assessment, primarily in the area of food and environmental pollutants, and to contribute to workforce development by mounting training programs in health risk assessment. Priestly has been active on several National Health and Medical Research Council (NHMRC) and Health Department technical committees and working groups over the past 20 years, and recently he was invited to chair the NHMRC Advisory Committee on Nanotechnology and Health.

Dr Rob Sparrow
Rob Sparrow is a Lecturer in the Centre for Human Bioethics at Monash University, and an Honorary Research Fellow in the Centre for Applied Philosophy and Public Ethics, at the University of Melbourne, in Melbourne, Australia. His current research interests include technologies of human enhancement, ethics and robotics, the political philosophy of multiculturalism, and ethical issues surrounding cochlear implants.
Professor Douglas Sylvester
Douglas Sylvester is a professor of law and a faculty fellow of the Center for Law, Science and Technology at Arizona State University. He is a senior member of the recently established Center for Nanotechnology in Society at ASU and has published dozens of articles, chapters, and reviews on various topics including a number of recent articles on nanotechnology regulation. Prior to joining ASU, Sylvester was a Fellow and Lecturer-in-Law at the University of Chicago and Northwestern University Schools of Law and an attorney in Baker & McKenzie’s Global E-Commerce Practice Group, based in Chicago. He has been retained as an expert and consulting witness by law firms, multinational companies, and government agencies, seeking guidance on issues of intellectual property, licensing, technology transfer, and privacy law.

Mr Volker Türk
Volker Türk is Project Coordinator at the Wuppertal Institute for Climate, Energy and Environment and Director at the triple innova consultancy in Germany. His work currently centres on the sustainability assessment of emerging technologies. Volker has extensive experience in working with the European Commission, national governments, universities, businesses and NGOs on information and communication – as well as nanotechnologies. He has been the coordinator of the European Commission funded Nanologue project on assessing the ethical, legal and social aspects of nanotechnologies and is a member of several expert committees on the societal implications and governance of new technologies.

Dr Rob Visser
Rob Visser is the Deputy Director of the Environment Directorate of the OECD (since 2005). He has worked at the OECD on chemical safety issues since 1985. In 1993 he became the Head of the Environment Directorate's Environment, Health and Safety Division. He has a Doctorate in Toxicology from the University of Leiden in the Netherlands, and he has worked in that country first in a contact laboratory and in hospitals, and later in the Ministry of Health and the Ministry of Environment, dealing with chemical safety policies.

Dr Richard Watkins
Richard Watkins is a Principal Research Scientist at Central Science Laboratory (CSL), an agency of the UK’s Department for Environment, Food and Rural Affairs (Defra). CSL is an organization dedicated to applying science in the protection of foodchain safety and environmental health. Watkins leads a team of scientists at CSL that provide research and
consultancy in the assessment of the risks posed by conventional and emergent contaminants (including nanomaterials) to the foodchain and the environment and the development of management systems to mitigate against these risks.

**Professor John Weckert**
John Weckert is a Professorial Fellow at the Centre for Applied Philosophy and Public Ethics, Charles Sturt University, The University of Melbourne and The Australian National University and Professor of Computer Ethics at Charles Sturt University. He is the founding editor-in-chief of *Nanoethics: Ethics for Technologies that Converge at the Nanoscale*, published by Springer.

**Mr Geert van Calster**
Working from the Institute of Environmental and Energy Law at K.U. Leuven, Belgium, Geert van Calster’s expertise covers international trade law; EC environmental law and EC economic law; and international environmental law, subjects on which he publishes and speaks extensively. Van Calster co-directs the Master programme on Energy and Environmental law at the K.U. Leuven, is a chair/research associate of the Research Fund, K.U. Leuven (2003-2013), a visiting lecturer at Oxford University (September 2006 onwards), and a visiting professor of EU law at Monash University, Melbourne, for the 2007 winter term.