

## Unconventional Hydrocarbons and the issues of regulation, planning, local power and democracy

Continuing Professional Development Seminar 1 - Friday 13 September 2019

### Speaker Biographies

**John Barraclough BA (Hons), MSc, MIEMA**  
Senior Advisor and SERG Coordinator

John is a Senior Advisor in the Environment Agency Environment & Business Directorate. He has been working on the regulation of onshore oil and gas developments for the last 5 years. John is also SERG Coordinator for the Shale Environmental Regulators Group (SERG). His role involves coordinating the regulation of shale gas across the SERG regulators (Environment Agency, Health & Safety Executive and Oil & Gas Authority) and provides a single point of contact to onshore oil and gas operators. John has a background in environmental management and regulation and over the last 30 years has built up experience working in the public, private and voluntary and community sectors.



### Mr Paul Bradley

Paul Bradley CEng, FIMMM, CMgr, MCMi. With over 28 years of working as a Mechanical Engineer in the UK underground coal mining industry; I joined the Health and Safety Executive (HSE) in 2008 as HM Principal Inspector of Mechanical Engineering in the Hazardous Industries Division.

Currently, I am the Health and Safety Executive's Head of Energy Division, with overall regulatory responsibility for Offshore and Onshore Well Engineering Operations (including Hydraulic Fracturing), and the Mines, Quarries and Diving Industries.



The Health and Safety Executive is the UK's Independent Health and Safety Regulator and is an integral part of the Shale Environmental Regulator Group (SERG).

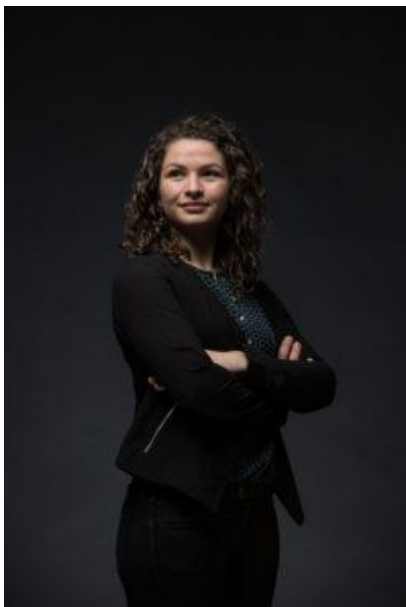
### Professor Richard Davies

Professor Davies became Pro-Vice-Chancellor Global in 2014. He is a petroleum geologist, who started his career with various postings in the UK and abroad in the oil and gas industry, mainly with ExxonMobil. He has published around 100 papers and is an expert on fracking. He has held a number of pan-university leadership roles including the founder and first Director of the Durham Energy Institute at Durham University. He later became Dean for Knowledge Exchange and Impact and was responsible for implementing the University's strategy for research impact.

For more than a decade Richard has led research on the environmental risks and impact of fossil fuel exploitation and used this peer-reviewed research to provide an evidence base for members of the public, governments, government agencies, industry and NGOs, both nationally and internationally.



### Dr Joanne Hawkins



Dr Hawkins has held the position of Lecturer in Business Law at the University of Leeds since January 2016. Prior to this she completed her PhD research on the legitimacy of shale gas regulation, and regulatory decision making in the law department at the University of Bristol. Her research interests lie in the area of environmental law and regulation, focussing to date on the shale gas context in the UK. She has published on the existing legal/regulatory landscape in the UK (drawing on an analysis of EU and UK law), and the perceived legitimacy of this framework (drawing on empirical data). Her research continues to focus on the regulatory and legal frameworks/decision making structures related to shale gas and public perceptions of these.

## Professor Paul Leinster

Paul Leinster CBE holds a chair in environmental assessment at Cranfield University. His areas of interest include risk based assessment and regulation and natural capital and ecosystem approaches to environmental management. He has extensive practical experience of the development and implementation of environmental policy, strategic plans and legislation and in translating research into practical operational measures and in advising on appropriate governance arrangements for the effective implementation and communication of environmental policies and programmes. He chairs the stakeholder engagement groups of the government funded development of a Local Natural Capital Plan for the Ox Cam Arc and is a member of the Ox Cam Arc Environment Working Group. He is a member of the Government's Natural Capital Committee, Chair of the Institute of Environmental Management and Assessment, Chair of Bedfordshire Local Nature Partnership and was Chief Executive of the Environment Agency for 7 years. Prior to joining the EA in 1998 he worked for over 20 years in the private sector including for BP, Schering Agrochemicals and SmithKline Beecham.



Recent consultancy work has included: peer review of 2 major water companies' business plans; an evaluation of the governance arrangements for multi-sector water resource management in the east of England; a review of the risk assessment unit within the Food Standards Agency including the implications of Brexit; a review of the capability and functions of the Public Health England Centre for Radiation, Chemicals and Environmental Hazards; strategic direction and input into the development of an Environmental Public Health Strategy for Public Health England; strategic advice on the implementation of the Industrial Emissions Directive for the Greek Government; and a natural capital investment plan for the Oxford, Milton Keynes to Cambridge Growth Corridor.

## Dr Ole W Pedersen

Ole W Pedersen joined Newcastle Law School in 2008, having studied at the University of Copenhagen and at the University of Aberdeen (where I gained an LLM and a PhD). His research focuses on various aspects of environmental law and energy law (in particular fracking). First, I have a general interest in all legal and regulatory matters relating to the environment. He is joint author



of [Environmental Law \(9<sup>th</sup> ed.\)](#), one of the leading texts in the discipline. Second, he maintains interest in the relationship between environmental issues and human rights and I have published extensively on this subject over the years. Present research projects include a joint book-length project into the role of the courts in modern environmental law and a quantitative study into judicial decision-making in environmental law, a study into the use of enforcement undertakings by regulators, and a project examining the ECtHR's contribution to the emerging field of environmental rights.

### Professor Paul Stretesky

Professor Paul Stretesky is an interdisciplinary social scientist. Paul received his PhD from The Florida State University is author or co-author of seven books and over 100 articles and chapters. His research has three major emphases: (1) Environmental injustice, mainly the unequal distribution of environmental burdens and benefits as well as the unequal enforcement of environmental laws, policies and regulations—including collective responses to this injustice; (2) Natural resource related development, especially the potential impact of this development on community life; and (3) Victims and offenders, particularly the impact of social and economic inequality on crime rates and the impact of the criminal justice system on emotions, identity and self. Professor Stretesky has served as the Department of Social Science Research Lead and University Academic Lead for ESRC Northern Ireland and North East England Doctoral Training Partnership (NINE). He is the Associate Director of the Healthy Living Lab and his work is recognized through the David R. Maines Narrative Research Award (Carl Couch Center for Social Research) and the Allan Schnaiberg Publication Award (ASA's Section on Environment and Technology). Professor Stretesky's work has been used as evidence in legislative discussions and inquiries in the US and the UK as well as featured in a variety of news media settings, including Colorado Public Radio, Chicago Tribune, Scientific American, Web-MD, Dallas Morning News, USA Today, Washington Post, ABC's World News Tonight and many others



### Professor Anthony Zito

Anthony is Professor of European Public Policy at Newcastle University. Dr. Zito is currently Co-Director of the Jean Monnet Centre for Excellence at Newcastle University and Co-Editor of the leading international environmental journal, *Environmental Politics*. His research focused on governance, learning theory, networks, and European Union decision-making. He has authored numerous journal articles and two monographs: *Creating Environmental Policy in the European Union* (2000) and *Environmental Governance in Europe* (2013, with R. Wurzel and A. Jordan). He has recently co-authored: (a) with C. Burns *et al.*, 'De-Europeanizing or disengaging? EU environmental policy and Brexit', *Environmental Politics* (2019); and with Ole Pedersen, 'Fracking Frames and the Courts', *Environmental Law Review* (2018). He was Co-Investigator in the EU Horizon 2020 grant project entitled: 'Critical Heritages: performing and representing identities in Europe' and is currently the leader of the Newcastle team for 'The Transatlantic Perspectives on Energy and Cities', a grant funded through the Erasmus+ Programme (2018-2021).

