

## **Professor Jeremy Watson - Biography**

Jeremy Watson CBE FREng FIET FICE DPhil is Professor of Engineering Systems in the Department of Science, Technology, Engineering and Public Policy. He also has responsibility, as Vice-Dean of Engineering Sciences, for the engineering mission at UCL. Concurrently, he holds the post of Chief Scientist and Engineer at BRE. Jeremy is also President of the Institution of Engineering and Technology for 2016-17. He was previously Arup's Global Research Director, and until November 2012, Chief Scientific Advisor for the Department of Communities & Local Government (DCLG).

An electronics and control engineer by training, Jeremy has experience as a practitioner and director of pure and applied multidisciplinary research and development in industry, the public sector and academia. He has worked as a governing board member at TSB and EPSRC, plus service with NERC and HEFCE. He was recently a panel member of two government SAGE groups (Flooding and Pandemics) and a Blakett Review.

Jeremy's specialities include interactions in, and the design of, socio-technical systems, emerging technology identification, development and deployment, and strategic innovation processes. His research interests include:

- How Design and Engineering influences behaviours
- Cybersecurity of Building Information Modelling and the Internet of Things
- Impact of Local Universities on Small to Medium-sized Enterprises and Local Authorities
- Infrastructure Interdependencies – Engineering and Business aspects
- Socio-Technical Resilience of City Systems

Jeremy is a Chartered Engineer, a Fellow of the Royal Academy of Engineering, a Fellow of the Institution of Civil Engineers and the Institution of Engineering and Technology (IET).

Jeremy was awarded a CBE in the Queen's 2013 Birthday honours, for services to engineering.