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Position: I'm professor of science and technology policy at [SPRU](#) (2006-); co-directing the ESRC-funded [STEPS](#) Centre ('06); deputy directing the DEFRA/ESRC [Sustainable Lifestyles Research Group](#) ('10-14); Sussex PI for ESRC projects on '[Climate Geoengineering](#)', 'Redefining Security', '[Technological Discontinuity](#)'; and co-investigator on the ESRC [Nexus Network](#) ('14-). Among other [projects](#), I was SPRU Research Director ('06-13) and, jointly, for Sussex University Management School ('09-12).

Background: I'm an [interdisciplinary](#) researcher, policy advisor and teacher on issues concerning the democratic governance of science, technology and innovation. Growing up around [southwest England](#) and in Singapore, my education was in science and undergraduate [astronomy](#), shifting thro' [science studies](#), to take a Masters in [archaeology](#) and [social anthropology](#) (first class, Edinburgh, 1984) and a [doctorate in technology policy](#) (no amendments, Sussex 1994). I've worked variously as an activist, archaeologist, building labourer, laboratory technician, hospital porter as well as factory, farm and mental health care worker – and in leadership roles for academic and civil society organisations, including on Boards of [Greenpeace International](#) and [UK](#).

Policy Work: Currently serving on the [Research Committee](#) of the ESRC, I've been a member of nine UK government advisory committees (including statutory bodies on [toxic chemicals](#), [GM foods](#) and [environmental science](#)). I've also served on advisory groups for the [Royal Society](#), [Nuffield Council on Bioethics](#) and the UK [Department for Business](#). More widely, I've worked on advisory groups in five other countries and for nine other intergovernmental organisations, including UNESCO, UN IHDP, OECD and the European Science Foundation. I was Rapporteur for the [EC Science in Society Advisory Committee](#) and a member of EU expert committees on [Energy Policy](#), [Science and Governance](#) and Technology Foresight. I've served as (unpaid) advisor for several transnational firms, the [Global Energy Observatory](#) (Paris) and think-tanks [Demos](#) and the [Green Alliance](#).

Academic Outputs: I've (co-)edited 3 books; and am (co-)author of 8 books or monographs; 47 refereed (65 other) articles and 52 academic book chapters. One co-authored paper was (in 2010) highest cited in *Research Policy* since 2005; another won the 4S William Page Award (2011); 2 co-authored initiatives for STEPS and ESF each won EASST Ziman Awards (2012 and 2014 respectively). For what they're worth, statistics are (h-index / citations): [Google Scholar](#) (42/8142); [Scopus](#) (23/2134); [Web of Knowledge](#) (18/1366); [ResearchGate](#) (score: 32.1 / impact: 287.33). A fuller bibliography is [here](#). I've given 45 conference keynotes in 16 countries; 272 other personally invited conference papers in 23 countries; and 266 further invited lectures and seminars in 18 countries. I've been invited to review for 109 journals (and 19 research funders and publishers in 10 countries) and served on editorial boards for 5 international peer-reviewed journals (on [Risk Research](#), [Environmental Transitions](#) and [Technology Analysis](#) as well as [Minerva](#) and [Nature EMBO Reports](#)) and two academic [book series](#) for [Routledge](#).

Teaching: I've supervised [22 doctoral projects](#) at SPRU (solely or jointly): 2 terminated, 13 completed (10 minor corrections; 3 no amendments). I've examined [3 doctorates](#) at Sussex and [17 others](#) at 16 universities in 8 countries. I've lectured on 14 Sussex under- and postgraduate courses ('94-) and developed and taught a successful SPRU Master's course option on *managing of technological risk* ('98-03), supervising 34 successful SPRU Master's dissertations (including 3 Rothwell Prizes). Externally, I was honorary fellow at [UCL Department of Geography](#) ('97-'01) and taught courses on risk and multi-criteria analysis at [Helsinki University of Technology](#) ('99) and for 5 other UK institutions ('94-). I've also served as external examiner for [UCL Department of Science and Technology Studies](#) and postgraduate courses at [Oxford University Department of Geography](#).

Wider Activities: I have played a sole or (mostly) joint leadership role in raising and managing more than £ 17 million in research funding (10.3 M£ at SPRU). I've undertaken academic consultancy with 25 government, industry and public interest organisations and have made host-funded extended research visits to Beijing Normal University (China), Commonwealth Scientific and Industrial Research Organisation (CSIRO, Australia), Tokyo University and (in the US) to Massachusetts Institute for Technology, University of Massachusetts at Lowell, Cornell University and University of California at Irvine and Santa Barbara. Listed in *Who's Who* (since 2010), I've given media commentary in 12 national tv and radio broadcasts in Australia and the UK (including *Channel 4 News* and the BBC1 *One Show*, Radio 4 *Today Programme*, *Analysis*, *Moral Maze* and the *Commission*). I also [blog](#), and my work is covered by [articles](#) in 12 UK national newspapers and 17 others in 13 other countries.

Other so-called 'impacts': include an analysis of [uncertainty](#), now quite widely used in [policy literatures](#) (eg: an EC [regulatory opinion](#)). Research on [precaution](#) helped frame a key [EEA report](#) and was the only academic reference in an [EC White Paper](#). Evidence to the 1996 [NIREX Inquiry](#) helped underpin the final result. An analysis of [energy diversity](#) was used in a UK White Paper in 1995 and as a later [official policy indicator](#). A [general index of diversity](#) is widely adopted (as '[the Stirling index](#)' – eg: by [UNESCO](#) on culture; in [bibliometrics](#) and in various national and [OECD](#) energy policies). Generously referred to by [Demos](#) as a "leading thinker" on participation, I developed the widely used concept of '[opening up](#)' and drafted related [principles](#) for the UK Government. The idea of '[co-operative research](#)' helped initiate an [EC research programme](#). Unilever CEO, Paul Polman, briefly [picked up](#) my framework for thinking about resilience. The multicriteria mapping method was recommended in a [Nature](#) editorial (and a [UK Government manual](#) and [evaluation](#)) and is now a new [University of Sussex Enterprise](#). Invited evidence to a House of Lords Select Committee inquiry on Research Priorities prompted a significant (but still unfulfilled) [recommendation](#).