



Prof. Dr. Keith Attenborough

Title: Education Manager

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Speaker Biography:



Keith Attenborough, is Emeritus Professor of Acoustics at the Open University. At the University of Hull, he was Head of Engineering between July 1999 and April 2002 and Research Professor in Engineering between 2002 and 2007. His research has resulted in 25 Ph.D. theses, 151 papers in refereed journals and over 180 international conference presentations. Since 2007 he has been Education Manager for the Institute of Acoustics UK responsible for the delivery of training and CPD courses in Acoustics and Noise Control. He has many publications in the field of Acoustics.

HONOURS AND AWARDS

- 1996 Rayleigh Medal of the Institute of Acoustics (UK)
- 2011 Honorary Fellowship of the Institute of Acoustics
- 2012 Silver Medal (Noise) of the Acoustical Society of America
- 2013 Médaille Étrangère of the French Acoustical Society
- 2022 The inaugural Dr Bob Peters Education award from the Institute of Acoustics (UK)

Presentation Title:



UK Legislation and Standards in Environmental and Industrial Noise

Abstract:



The UK has a long tradition of instituting statutory instruments and guidance relating to environmental and industrial noise. An important impetus was the publication of the Wilson Report in 1973 which, along with the formation of the Noise Advisory Council in 1974, has created the basis of much of the current legislation on Environmental Noise and Industrial Noise Exposure. The talk will outline the Land Compensation Act 1973, the associated Noise Insulation Regulations 1975, the 2022 National Planning Policy Framework, the 2023 Noise Policy Statement for England, the 2019 revision BS4142 Method for Assessing Industrial and Commercial Noise in Mixed Residential Areas and the advent of a new approach which incorporates ‘Soundscapes’ i.e. recognition of the beneficial aspects of environmental sounds, in Welsh Government Policy. The UK Institute of Acoustics (IOA) has an increasingly influential role in Government Policy on Noise and Building Design for Acoustics. An example is its influence since 1993 on design for good acoustics in Schools. In 2020, the UK Institute of Acoustics formed a Parliamentary Liaison Group (PLG) with the objectives of raising the profile of acoustics in Government and of dealing with the problems caused by a weakening of UK pollution standards following Brexit. Submissions and presentations have been made to the Parliamentary and Scientific Committee in 2020 and the House of Lords Grand Committee in 2023. Also the IOA has worked with the Association of Noise Consultants and the Chartered Institute of Environmental Health in producing Professional Guidance on Planning and on Overheating, Ventilation and Noise in buildings.