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## Professor Paul Jowitt

Joint Editor of *Civil Engineering and Environmental Systems*



Paul Jowitt is Professor of Civil Engineering Systems and Executive Director of the Scottish Institute of Sustainable Technology at [Heriot Watt University](#). He is also a Board Member of [Scottish Water](#), a Member of the [EPSRC](#) Peer Review College, a Fellow of the [Royal Society of Edinburgh](#) and a Vice President of the [Institution of Civil Engineers](#).

A graduate of Imperial College London, he lectured in the Civil Engineering Department there from 1974 until 1987, when he took up the Chair of Civil Engineering Systems at Heriot Watt University. In 1989 he was appointed Head of the Civil Engineering Department and then Head of the combined Department of Civil and Offshore Engineering from 1991 to 1999. In 1999 he was appointed as the Executive Director of the [Scottish Institute of Sustainable Technology](#), a joint venture between the University and Scottish Enterprise, established to put sustainability into practice.

Paul is currently one of the Vice Presidents of the [Institution of Civil Engineers](#) (ICE), a Member of the ICE Council and the ICE Executive, and Chair of the ICE Presidential Commission - "Engineering without Frontiers" - examining the engineer's contribution to meeting the [UN Millennium Development Goals](#). Paul has a strong interest in the educational and professional formation of the civil engineer, chairing an ICE/JBM Task Group to embed sustainable development into engineering curricula and professional development. He serves on the [ICE's Environment and Sustainability Board](#), and was Chairman of the Edinburgh and East of Scotland Association of the ICE in 1994-95.

Paul has over 30 years' experience in the areas of sustainable development, risk, and the development of systems-level solutions within civil engineering, the built environment and environmental management. His major research interests are water resources systems modelling, asset and resource management and the environmental and engineering applications of systems modelling, optimisation, reliability and risk assessment. Other research activities include the development of improved methods for leakage control and the development of level of service and performance measures for water distribution networks. Additional areas of expertise are the modelling, assessment and understanding of uncertainty, risk assessment in problems such as contaminated land and other engineering and environmental systems.

Paul has extensive experience of dealing with the media (National TV, Radio, Press), having appeared on Newsnight, the 6 O'clock News and BBC Radio 4 in connection with a number of issues ranging from water supply, drought management, best management practices for urban drainage, waste management, to the upkeep and maintenance of the Forth Bridge. He is presently a member of "The Edge" – an ICE/RIBA/CIBSE Ginger Group created to increase public and political awareness of the role of engineers and architects.

Paul is joint Editor of the Taylor & Francis journal *Civil Engineering and Environmental Systems*. He is also a former Editor of the Institution of Civil Engineer's *Water, Maritime and Energy* journal (1998-2001), a member of the Editorial Board for the ICE Journals *Engineering Sustainability* and *Water Resources Management*, and a regular reviewer of papers for journals of the Institution of Civil Engineers and the American Society of Civil Engineers.