

ACI Global Training Instructor Biography



Professor Callum THOMAS PhD ARCS FRAeS
Course: *Airport Environmental Management*

Callum Thomas is Professor of Sustainable Aviation at the Manchester Metropolitan University having returned to academia in 1998 after 13 years working in the aviation industry. He has since been responsible (with colleagues) for establishing the Centre for Aviation, Transport and the Environment (CATE), a thriving research group within the Department of Environmental and Geographical Sciences.

He is internationally known within the industry and has been an advisor to the EC, the Civil Aviation Administration of China, UK Government, airports and airlines on aviation, environment, and sustainability issues. He was responsible for establishing and managing Manchester Airport's Bird Control Unit, its Environment Department and Community Relations Department all UK firsts and all of which have enjoyed international acclaim.

His expertise involves the sustainable development of aviation, managing environmental constraints upon airport growth and the impact of airport operations on local communities. Most recently his research has focused upon carbon management at airports, the implications of a changing climate upon air transport and the relationship between aviation, tourism and climate change.

In 2006, the UK Government Secretary of State for Transport announced the award of £5 million for the Centre for Aviation, Transport and the Environment to lead a consortium of top UK Universities to work with industry and regulators to help deliver the sustainable development of UK aviation and establish formal links with similar initiatives in the USA and Europe. This, the single largest such award ever received by the Manchester Metropolitan University, has confirmed the University as the UK's leading institution in this field.

By training Thomas is a bird biologist who spent many years researching the behaviour and ecology of seabirds before moving on to address the hazards posed by birds to aircraft. Thomas has co-authored four books and over 60 scientific papers. In 2008 he was invited to become a Fellow of the Royal Aeronautical Society for his lifetime contribution to aviation.