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Andreas W. Schäfer is a Professor of Energy and Transport at the UCL Energy Institute and Director of the Air Transportation Systems Laboratory (ATSLab.org). His research covers the demand for and supply characteristics of energy and transportation systems. In addition to peer review journals, his work was published in popular science magazines, such as Scientific American. He is lead-author of “Transportation in a Climate-Constrained World”, MIT Press (June 2009). Schäfer has been principal investigator of multiple research projects, including the UK Research Council funded projects “Towards Zero-Carbon Aviation (TOZCA)”, “Systems Aspects of Electric Commercial Aircraft (SAECA)”, “Airport Capacity Consequences Leveraging Aviation Integrated Modelling (ACCLAIM)”, and “Aviation Integrated Modelling (AIM)”. He has been a member of various advisory boards within the UK and abroad and has given more than 100 invited seminars and workshop/conference presentations predominantly in North America and Europe. Prior to joining the UCL Energy Institute, he held appointments at the International Institute for Applied Systems Analysis (IIASA), the Massachusetts Institute of Technology (MIT), the University of Cambridge, and Stanford University. Schäfer holds a MSc in Aerospace Engineering and a PhD in Energy Systems Analysis/Energy Economics, both from the University of Stuttgart, Germany.