

Curriculum Vitae



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Prof. Dr. Christiane Voigt has over 20 years of experience in atmospheric physics with a focus on aviation effects on the atmosphere and on contrails. She leads the Department of Cloud Physics the German Aerospace Center DLR and is professor for Atmospheric Physics at the University Mainz. She combines in-situ measurements from aircraft with satellite observations and models with the goal to develop and assess strategies to mitigate the climate impact from aviation.

She has co-authored more than 150 peer reviewed publications with about 6000 citations (h-index 44). Amongst other achievements, she won the DLR Science, the EREA, the NASA Reid and the EU Clean Aviation High 5 award.

She serves as Principal Investigator for international projects and collaborates with universities, research institutions, aviation industry and authorities to reduce the climate impact from aviation by sustainable aviation fuels, modern aircraft and engine technologies, hydrogen propulsion systems and by climate optimized flight routing. Her expertise has made her an advisor for authorities, industry and the public to find solutions for future sustainable aviation.