



Curriculum Vitae PD Dr. Mark Lawrence

Mark Lawrence is the Director of the cluster Sustainable Interactions with the Atmosphere (SIWA), which focuses on the impacts and mitigation of short-lived climate forcers, particularly in the face of global urbanization, and the potential impacts, uncertainties and risks of “climate engineering.”

Dr. Lawrence received his academic degrees from the Georgia Institute of Technology in Atlanta: Bachelor of Science in Physics (1991), Master of Science (1993) and Ph.D. (1996) in Earth and Atmospheric Sciences. His Ph.D. research, supported by a US National Science Foundation Graduate Fellowship, was conducted mainly at the Max Planck Institute for Chemistry (MPIC) in Mainz, Germany, in collaboration with the National Center for Atmospheric Research in Boulder, Colorado and the Scripps Institute of Oceanography in La Jolla, California.

Dr. Lawrence led an independent junior research group at the MPIC, 2000-2005, funded by the Federal Ministry for Education and Research, which focused on atmospheric chemistry and transport in the tropics, especially Asia. In 2006, he took over the atmospheric modelling group in the MPIC Atmospheric Chemistry department. In 2009-2010 he served as an interim professor for Meteorology at the University of Mainz, winning the 2010 University Teaching Award for the Faculty of Physics, Mathematics and Computer Sciences.

Mark Lawrence has authored or co-authored over 100 peer-reviewed publications. He co-coordinated the 23-partner European Union 7th Framework Project “MEGAPOLI”

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(<http://megapoli.dmi.dk/>), has served as editor for the journals Atmospheric Chemistry and Physics and Atmospheric Environment, and has served or serves on various international committees, most notably the Science Team of the UNEP Atmospheric Brown Clouds project (ABC), the Scientific Steering Committee of the International Global Atmospheric Chemistry project (IGAC), and the Commission on Atmospheric Chemistry and Global Pollution (CACGP).