

# Atmospheric Chemistry and Physics

## Advisory Board Members

**P. J. Crutzen**, MPIC Mainz, DE  
(Chairman)  
**M. O. Andreae**, MPIC Mainz, DE  
**G. P. Brasseur**, MPIM Hamburg, DE  
**J. R. Holton**, UW Seattle, US  
**D. McKenna**, NCAR Boulder, US  
**S. A. Penkett**, UEA Norwich, UK  
**V. Ramanathan**, UC San Diego, US

## Executive Editors

**A. Stohl**, CIRES NOAA, USA  
(Chief Executive Editor)  
**K. S. Carslaw**, U. Leeds, UK  
**T. Koop**, ETH Zürich, CH  
**R. Sander**, MPIC Mainz, DE  
**W. T. Sturges**, UEA Norwich, UK

## Editors

**J. P. D. Abbatt**, U. Toronto, CA  
**M. Ammann**, PSI Villigen, CH  
**W. E. Asher**, UW Seattle, US  
**G. Ayers**, CSIRO Aspendale, AU  
**Y. Balkanski**, CEA-CNRS Saclay, FR  
**U. Baltensperger**, PSI Villigen, CH  
**C. A. M. Brenninkmeijer**, MPIC Mainz, DE  
**J. P. Burrows**, U. Bremen, DE  
**L. J. Carpenter**, U. York, UK  
**W. C. Conant**, Caltech Pasadena, US  
**R. A. Cox**, U. Cambridge, UK  
**J. Crowley**, MPIC Mainz, DE  
**M. Dameris**, DLR Oberpfaffenhofen, DE  
**F. Dentener**, JRC Ispra, IT  
**M. A. Donelan**, U. Miami, US  
**G. Feingold**, NOAA/ETL Boulder, USA  
**J. Fishman**, NASA Langley, US  
**Q. Fu**, UW Seattle, US  
**S. Galmarini**, JRC Ispra, Italy  
**C. George**, CNRS Lyon, FR  
**D. Grainger**, U. Oxford, UK  
**C. Granier**, SA-CNRS Jussieu, FR  
**A. Guenther**, NCAR Boulder, US  
**K. Hamilton**, UH Honolulu, US  
**P. Hartogh**, MPAE Katlenburg-Lindau, DE  
**P. H. Haynes**, U. Cambridge, UK  
**M. Heimann**, MPBGC Jena, DE  
**T. Hoffmann**, ISAS Dortmund, DE  
**A. Hofzumahaus**, FZ Jülich, DE  
**J. T. Jayne**, ARI Billerica, US  
**A. Jones**, BAS Cambridge, UK

**R. L. Jones**, U. Cambridge, UK  
**B. Kärcher**, DLR Oberpfaffenhofen, DE  
**P. S. Kasibhatla**, Duke U., US  
**J. Kesselmeier**, MPIC Mainz, DE  
**Y. Kondo**, U. Tokyo, JP  
**A. Laaksonen**, U. Kuopio, FI  
**A. Lambert**, NCAR Boulder, US  
**M. G. Lawrence**, MPIC Mainz, DE  
**E. R. Lovejoy**, NOAA Boulder, US  
**D. Lowe**, NIWA Wellington, NZ  
**F.-J. Lübken**, IAP Kühlungsborn, DE  
**A. R. MacKenzie**, Lancaster U., UK  
**N. Mihalopoulos**, U. Crete, GR  
**S. Mobbs**, U. Leeds, UK  
**P. S. Monks**, U. Leicester, UK  
**P. Nightingale**, PML Plymouth, UK  
**T. Peter**, ETH Zürich, CH  
**A. Petzold**, DLR Oberpfaffenhofen, DE  
**J. Plane**, UEA Norwich, UK  
**U. Platt**, U. Heidelberg, DE  
**S. Quegan**, SCEOS Sheffield, UK  
**A. Richter**, U. Bremen, DE  
**T. Röckmann**, MPIK Heidelberg, DE  
**U. Schurath**, FZ Karlsruhe, DE  
**J. Ström**, Stockholm U., SE  
**G. Vaughan**, UW Aberystwyth, UK  
**M. M. Verstraete**, JRC Ispra, IT  
**A. Volz-Thomas**, FZ Jülich, DE  
**W. Ward**, UNB Fredericton, CA  
**H. Wernli**, ETH Zürich, CH  
**J. Williams**, MPIC Mainz, DE  
**D. R. Worsnop**, ARI Billerica, US  
**N. Yoshida**, TITECH Tokyo, JP



EUROPEAN  
GEOSCIENCES  
UNION