

Aerosol analysis and forecast in the European Centre for  
Integrated Forecast System: 2. Data assimilation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Simplified aerosol modeling for variational data assimilation. <i>Geoscientific Model Development</i> , 2009, 2, 213-229.	1.3	17
2	Measuring atmospheric composition change. <i>Atmospheric Environment</i> , 2009, 43, 5351-5414.	1.9	160
3	Applying an ensemble Kalman filter to the assimilation of AERONET observations in a global aerosol transport model. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 2561-2576.	1.9	111
4	Sensitivity tests for an ensemble Kalman filter for aerosol assimilation. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 6583-6600.	1.9	48
5	Three-dimensional variational data assimilation of ozone and fine particulate matter observations: some results using the Weather Research and Forecasting-Chemistry model and Gridpoint Statistical Interpolation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2010, 136, 2013-2024.	1.0	89
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7	Online simulations of global aerosol distributions in the NASA GEOS-4 model and comparisons to satellite and ground-based aerosol optical depth. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	400
8	Constraints on black carbon aerosol distribution from Measurement of Pollution in the Troposphere (MOPITT) CO. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	9
9	Aerosol analysis and forecast in the European Centre for Medium-Range Weather Forecasts Integrated Forecast System: 3. Evaluation by means of case studies. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	53
10	Evaluating the impact of assimilating CALIOP-derived aerosol extinction profiles on a global mass transport model. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	70
11	The Effects of Snow Cover and Soil Moisture on Asian Dust: II. Emission Estimation by Lidar Data Assimilation. <i>Scientific Online Letters on the Atmosphere</i> , 2011, 7A, 40-43.	0.6	21
12	Chemical Data Assimilation—An Overview. <i>Atmosphere</i> , 2011, 2, 426-463.	1.0	79
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14	Global dust model intercomparison in AeroCom phase I. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 7781-7816.	1.9	839
15	Three-dimensional variational assimilation of MODIS aerosol optical depth: Implementation and application to a dust storm over East Asia. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	170
16	Comparing mesoscale chemistry-transport model and remote-sensed Aerosol Optical Depth. <i>Atmospheric Environment</i> , 2011, 45, 289-295.	1.9	8
20	SCIAMACHY WFM-DOAS XCO <sub>2</sub> : comparison with CarbonTracker XCO <sub>2</sub> ; focusing on aerosols and thin clouds. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 1935-1952.	1.2	21
22	Significant concentrations of nitryl chloride observed in rural continental Europe associated with the influence of sea salt chloride and anthropogenic emissions. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	116

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24	Hindcast experiments of tropospheric composition during the summer 2010 fires over western Russia. Atmospheric Chemistry and Physics, 2012, 12, 4341-4364.	1.9	62
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47	The MACC reanalysis: an 8 yr data set of atmospheric composition. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 4073-4109.	1.9	424
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56	Critical evaluation of the MODIS Deep Blue aerosol optical depth product for data assimilation over North Africa. <i>Atmospheric Measurement Techniques</i> , 2013, 6, 949-969.	1.2	90
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