

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. Geoscientific Model Development, 2009, 2, 213-229.	3.6	17
2	Measuring atmospheric composition change. Atmospheric Environment, 2009, 43, 5351-5414.	4.1	160
3	Applying an ensemble Kalman filter to the assimilation of AERONET observations in a global aerosol transport model. Atmospheric Chemistry and Physics, 2010, 10, 2561-2576.	4.9	111
4	Sensitivity tests for an ensemble Kalman filter for aerosol assimilation. Atmospheric Chemistry and Physics, 2010, 10, 6583-6600.	4.9	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. Quarterly Journal of the Royal Meteorological Society, 2010, 136, 2013-2024.	2.7	89
6	Progress in understanding land-surface-atmosphere coupling from LBA research. Journal of Advances in Modeling Earth Systems, 2010, 2, .	3.8	38
7	Online simulations of global aerosol distributions in the NASA GEOS-4 model and comparisons to satellite and ground-based aerosol optical depth. Journal of Geophysical Research, 2010, 115, .	3.3	400
8	Constraints on black carbon aerosol distribution from Measurement of Pollution in the Troposphere (MOPITT) CO. Geophysical Research Letters, 2010, 37, .	4.0	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. Journal of Geophysical Research, 2011, 116, .	3.3	53
10	Evaluating the impact of assimilating CALIOP-derived aerosol extinction profiles on a global mass transport model. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	70
11	The Effects of Snow Cover and Soil Moisture on Asian Dust: II. Emission Estimation by Lidar Data Assimilation. Scientific Online Letters on the Atmosphere, 2011, 7A, 40-43.	1.4	21
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14	Global dust model intercomparison in AeroCom phase I. Atmospheric Chemistry and Physics, 2011, 11, 7781-7816.	4.9	839
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16	Comparing mesoscale chemistry-transport model and remote-sensed Aerosol Optical Depth. Atmospheric Environment, 2011, 45, 289-295.	4.1	8
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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.	4.9	62
25	Estimating aerosol emissions by assimilating observed aerosol optical depth in a global aerosol model. Atmospheric Chemistry and Physics, 2012, 12, 4585-4606.	4.9	92
26	Aerosol optical depth over the Arctic: a comparison of ECHAM-HAM and TM5 with ground-based, satellite and reanalysis data. Atmospheric Chemistry and Physics, 2012, 12, 6953-6967.	4.9	25
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46	Investigating relationships between aerosol optical depth and cloud fraction using satellite, aerosol reanalysis and general circulation model data. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 3177-3184.	4.9	77
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