

welcome ... to 10th AeroCom workshop

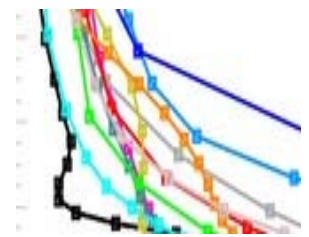
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on behalf of organising committee with
Toshi Takemura, Mian Chin, Stefan Kinne

<http://aerocom.met.no>



Goals of the 10th workshop



Workshop themes

- How far has the analysis of the AeroCom phase II experiments come?
- What is the direct and indirect radiative forcing best guess and trend?
- Are the CMIP5 IPCC-AR5 model simulations realistic with regard to aerosols?
- Do we understand aerosol emission trends globally and regionally?
- Can we constrain model components and regional differences with more observations?
- Why do aerosol models show diversity with regard to forcing and surface concentrations?
- How does assimilation play roles in better aerosol impact assessment?
- How did AeroCom Phase II model results change from older versions?
- Are there “non-linearities” involved in trends and future predictions of aerosol effects?
- Special focus: What are the recent developments for a better understanding of the Asian aerosols?



What is AeroCom ?



- **database approaching 10 TB** (aerosol models since 2002)
- **one data format** (interoperable w HTAP/ACCMIP/IPCC)
- documentation through **joint papers**
- **web interface** image catalogue of model fields/evaluation
- **links to observational data** (1980 – 2010)
AERONET, EBAS, satellites , CALIOP, aircraft ...
- **data server/resource** for analysing scientists
- **annual workshops**
- no central funding ... but **support via projects** (MACC, ECLIPSE, EMEP, ACTRIS, IS-ENES, CCI-Aerosol **and via partner institutes and their core resources**)