



- University of Oslo, Institute for Meteorology and Oceanography
- Background is global CTM modelling – Phd in 2005 – Ozone modelling.
- In Oslo since December 2005.



Research interests

- Global CTM modelling of SOA, and climate effects of SOA
- Development of Oslo CTM2 – an aerosol-CTM model
- Currently we use a fairly simple scheme, natural and anthropogenic precursors, lumped classes, equilibrium partitioning on POA and sulphate aerosol.
- Currently extending this.
- Although we don't have interactive clouds in the CTM – effect of OA on cloud formation.



Links to this workshop

- Looking for an efficient yet realistic way of including SOA in global models – many processes and species to take into account.
- Special interest in measurements that could be used to validate SOA,
- Measurements that could be used to check model representation of precursors,
- Partitioning / further reaction of SOA components
- Loss processes, solubility, aging etc.



Future:

- Further development of our CTM
- Collaboration with people doing lab and field work, to determine the best way of representing SOA in the CTM.