

Guy Schurgers

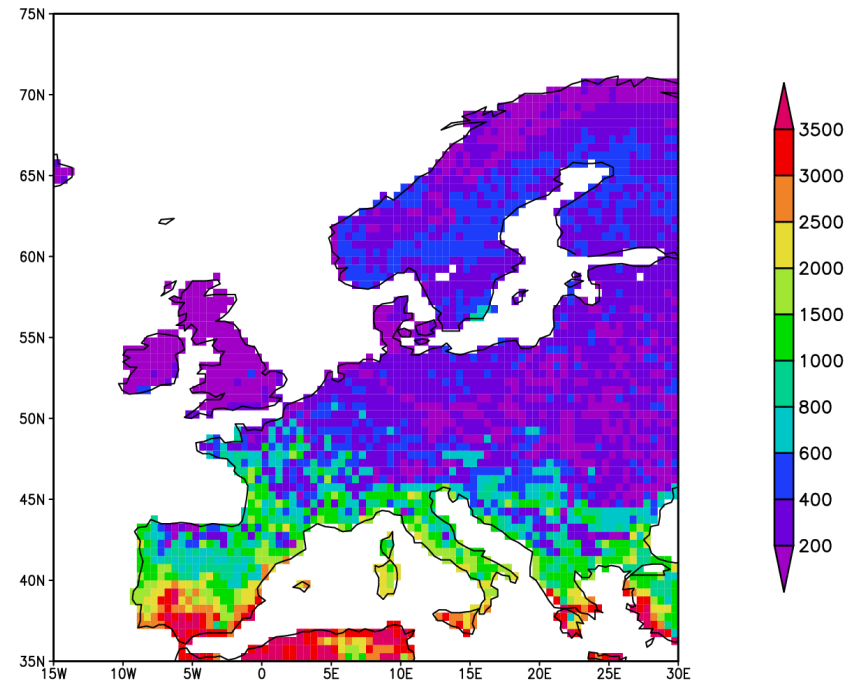
Department of Physical Geography and Ecosystems Analysis
Lund University, Sweden



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Interests:

- Modelling of biogenic volatile organic compounds (isoprene, monoterpenes, methanol) on regional to global scale
- Changes in emissions for past and future
- Their impact on atmospheric chemistry
- Their role as SOA precursors

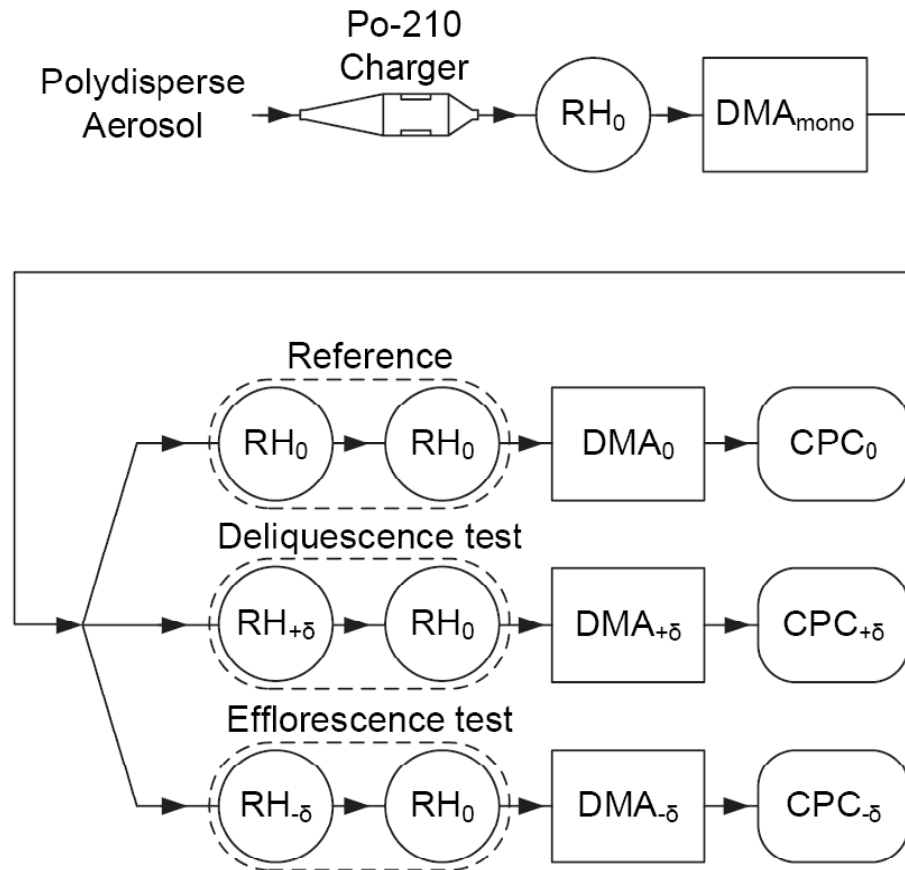


Annual monoterpene emissions ($\text{mg C m}^{-2} \text{a}^{-1}$) based on simulated distribution of 20 species

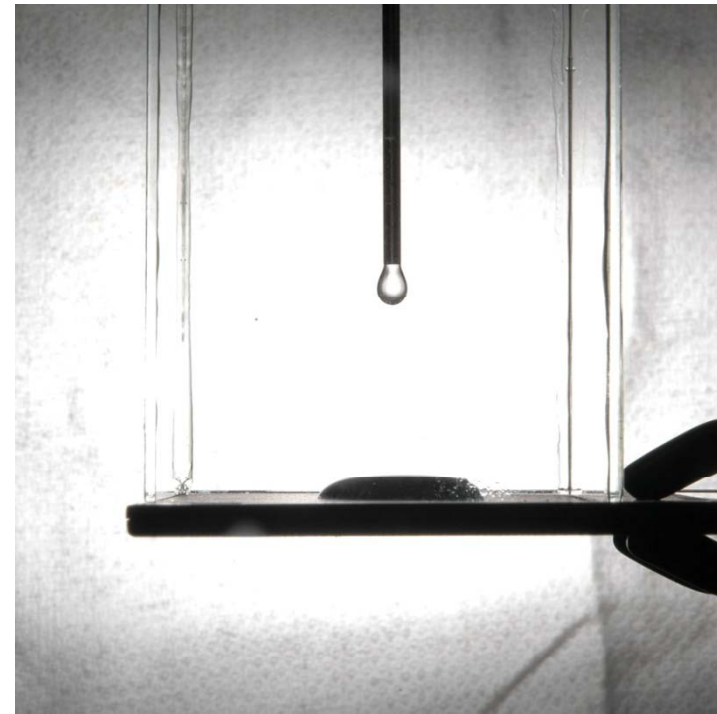
Update

- Worked on 1x3 TDMA laboratory measurements on inorganic mixtures and SOA/inorganic chamber generated particles
- Isoprene oxidation products (OH, low NO_x)
- Origins of life project (surface tension measurements)

Major research interests



1x3 TDMA



Pendant Drop
Surface Tensiometer

Major research interests

- 1-100 ppb target concentration (low end for dynamic mode, high end for static mode)
- GC-SPME measurements to estimate gas phase concentration
- Filter samples to collect condensed phase material for surface tension measurements (dynamic mode)