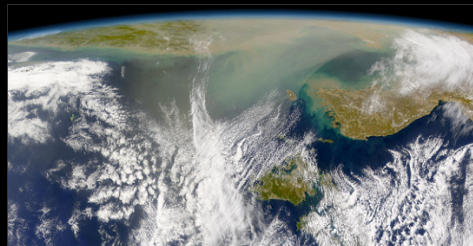
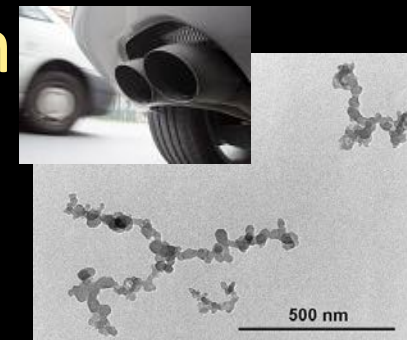


Johansen Research - Current Projects

1. Iron in Aerosol Particles (NSF) – Implications on Global Climate and Human Health



- Crustal/Marine
- Anthropogenic



2. Pollution Monitoring at Mt. Rainier and North Cascades National Parks (NPS)

- Precipitation
- High elevation lakes



3. Chemistry of Faulty Wines



- Analyses
- Method development (Continuing Ed. And Biology)

Nature of the Work - Examples

Field

Aerosol Collector
Collect particles
in 4 size
fractions at sea
and regionally.



Laboratory

Solar Simulator
Study photochemistry
in synthesized and
ambient aerosols.



QUANTITATIVE ANALYSIS

Instruments in
Chemistry, Geology, EMSL
IC, Chemiluminescence FIA, ICPMS,
XPS

