

WACS Data Workshop Agenda
March 12 – 13, 2013
Odum Room, Clark Hall
University of Virginia, Charlottesville, VA

Tuesday, March 12

9:00 Welcome and logistics (Bill Keene, John Maben)

9:15 Summary of WACS and Sea Sweep Operations (Trish Quinn)

9:30 WACS – what did we learn beyond CalNex? (Tim Bates)

10:00 Influences of seawater characteristics on the production and properties of marine aerosol (Bill Keene)

10:30 Break

10:45 Composition of submicron ambient and generated marine aerosol particles during WACS 2012 (Amanda Frossard)

11:15 WACS cruise – Sea Sweep aerosol – Offline chemical characterization at CNR-ISAC (Matteo Rinaldi and Maria Cristina Facchini)

11:35 Molecular distributions of organic aerosols collected over the western North Atlantic: Dicarboxylic acids, ketoacids, α -dicarbonyls (glyoxal and methylglyoxal), fatty acids, sugars, and SOA tracers (Kimitaka Kawamura)

12:05 Lunch

13:00 CCN activity of ocean-derived aerosol (Trish Quinn)

13:30 Hygroscopic Growth of Sea Sweep and Atmospheric Aerosol: Comparison of CalNex and WACS (Jani Hakala)

13:50 Surface seawater organic matter during WACS (Dave Kieber)

14:20 Surface seawater gels and bacterial density (Monica Orrellana)

14:40 Dynamic surface tension along the WACS transect (Mike Long)

15:10 Break

15:25 Turbulent fluxes over the ocean (Monica Martensson)

15:55 Coastal versus open ocean Carbon exchange: Fluxes of OCS and CO₂ (Roisin Commane)

16:25 Team Biology Summary (Martin Graus, Kim Halsey)

16:40 Discussion

Group Dinner

Wednesday, March 13

9:00 Discussion

- Closure: Consistencies or discrepancies between data sets
- Sea Sweep/Bubble generator comparisons
- Differences observed between Station 1 and 2
- Comparisons between CalNex and WACS
- Requirements for future measurements
- Deadlines for final data
- Publications

10:30 Measurements of tracers for marine organic carbon oxidation at interfaces during TORERO (Rainer Volkamer)

10:45 Eddy Covariance Flux measurements of glyoxal during TORERO (Sean Coburn)

11:00 Continued Discussion