

Bioaerosol Effects on Clouds

Topics

Topic Areas

- Sources and emissions
 - Bacteria, pollen, fungi, dust containing biological materials
- Field and laboratory characterization
 - Fluorescence techniques
 - DNA sequencing techniques
 - Sampling considerations
- Modeling and theory
 - What are the scientific grand challenges?
 - What are the practical road blocks?
 - What do modelers need?
 - What are the observational needs?
 - global-, meso- and micro-scale modeling
 - stochastic versus singular approaches
 - multi-scale observational constraints

Workshop Goals

- Interdisciplinary discussion to foster collaboration
- Joint white paper on status and research needs
- Joint white paper on current knowledge, outstanding questions, and future research needs
 - flux, vertical distribution, seasonality, long-term study needs

When

Sunday, August 5, 2012 -
Monday, August 6, 2012

Where

Steamboat Springs, CO

Workshop Schedule

8/4 Saturday	Storm Peak Lab optional tour
8/5 Sunday	Meeting
8/6 Monday	Meeting
8/7 Tuesday	Storm Peak Lab optional tour

Co-Chairs

A. Gannet Hallar, Desert Research Institute
Alex Huffman, University of Denver
Ann Fridlind, NASA GISS

Lodging

Sheraton Steamboat Resort
2220 Village Inn Court
Steamboat Springs, CO 80477
970-879-2220
Reservations: 1-866-716-8134

Contact

Gannet Hallar
Gannet.Hallar@dri.edu
970-819-0968

