**Agenda – Sawtooth National Forest Smoke Model Training**

**9:30am: Introductions**

Please introduce yourself and indicate what you are looking for out of the class, hoping to learn, why you are here etc. Also, if desired, come prepared with your own examples of planned burns or situations that you’d like to apply smoke modeling to.

The Basics of Smoke and Air Quality – Susan

Calculating Smoke Emissions and Modeling Smoke – Susan

Hands-on Exercise – BlueSky Playground (do your own smoke modeling) – Susan

Brief Overview – Fuel and Fire Tools (FFT) – Susan

**Lunch**

Trajectories – Mark

Hands-on Exercise – HYSPLIT Trajectories – Mark

Smoke Forecasting Systems (interactive/web) - Susan

Monitoring Data (interactive/web) – Mark

Satellite Data (interactive/web)

* Worldview – Mark
* GOES-16 – Susan/Mark
* eIDEAS - Susan

Wildland Fire Air Quality Response Program, Air Resource Advisors

* Putting on your smoke glasses – Carlton Complex – Susan
* WFAQRP/ARA’s – Mark

Custom/Student Projects, Discussion

**4:15pm: Wrap-up**

Note: All students should come with laptops and have a browser such as chrome or firefox installed. Internet Explorer will not function for most of the websites we will be going to.