**NOAA Satellite Aerosol Product Workshop   
for Science and Operational Users**

**September 13-14, 2015**

**eIDEA Case Study Questionnaire**

Please answer the questions below. Your answers will be the basis of the Group Discussion before lunch. We will collect this sheet so the VIIRS cal/val team can implement your feedback to improve the VIIRS fire and smoke products.

1. **What is your primary occupation?**
   * Air quality forecaster
   * Analyst
   * Modeler
   * Research scientist
   * University professor
   * Other (please specify)
2. **Do you currently use VIIRS fire and smoke products? Why or why not? If not, do you plan to begin using them in the future?**
3. **eIDEA Homepage: Zoom-In Interactive Tool**

Please comment on the eIDEA data visualization features:

* Select Date (Calendar) and Previous Day/Next Day arrows
* RGB and Smoke Products Opacity slider bars
* County boundaries overlay
* Zoom in/out
* Save Image

1. **VIIRS Fire and Smoke Products**

Please comment on presentation and usefulness of the VIIRS fire and aerosol products in eIDEA:

* AOT
* Smoke Mask
* Fire Hotspots/FRP
* Satellite Derived PM2.5 Concentration
* Overlay of AirNow ambient PM2.5 concentrations

1. **Aerosol Trajectories**

Please comment on the usefulness and presentation of the VIIRS 48-hr aerosol trajectories:

1. **3-Day Movies**

Please comment on the usefulness and presentation of the 3-day movies of VIIRS smoke mask, satellite derived PM2.5, and AOT:

1. **What would be the best way to incorporate GOES-R ABI fire and smoke products into eIDEA, once ABI data are available in 2017? Do you want a separate tab to keep ABI imagery separate from VIIRS imagery (similar to current setup on IDEA)? Or do you want all available imagery/products on one page, regardless of the source?**
2. **What other comments/suggestions do you have about eIDEA?**
3. **What can the AQPG do to make VIIRS fire and smoke products more useful for your applications?**