**Satellite AQPG Annual Advisory Group Workshop**

**September 9, 2015**

**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 aerosol 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 AOD and/or RGB products? Why or why not? If not, do you plan to begin using them in the future?**
3. **VIIRS AOT/RGB CONUS Imagery and quick comparisons to MODIS AOD/RGB and GASP.** Please comment on the static CONUS VIIRS AOD imagery:

* Toggle comparisons with MODIS AOD, GASP
* AOD opacity slider bar
* EPA region subsets
* Any additional comments

1. **VIIRS CONUS RGB and AOD Zoom-In Interactive Tool.** Please comment on the VIIRS aerosol data visualization features:

* IP and EDR AOD Quality Flags
* Select Date/Calendar and Previous Day/Next Day arrows
* RGB/AOD Opacity slider bars
* Fire Hotspots overlay
* County boundaries overlay
* Dust/Smoke Mask overlay
* Zoom in/out
* Save Image

1. **Aerosol trajectories based on VIIRS, MODIS, and GASP AOD.**  Please comment on the VIIRS 48-hr aerosol trajectory forecast:
2. **Data Delivery:**

* Do you use the operational NOAA IDEA website (<http://www.star.nesdis.noaa.gov/smcd/spb/aq/index.php>) to view MODIS AOD/RGB, GASP, and/or VIIRS AOD/RGB imagery? If yes, do you have any suggestions for improvements to the website or additional features?
* Is it important to you to have an archive of VIIRS imagery available on the IDEA website? Do you ever consult historical imagery for your applications?

1. **What can NOAA or the AQPG do to make VIIRS data products more useful for your applications?**