



Remote Sensing-Derived Monitoring Products for the Arctic North Slope Science Initiative Workshop

October 28-29, 2013, Room 501, IARC, University of Alaska, Fairbanks

Workshop Deliverables

Summary of remote sensing products and activities: A summary report of the workshop findings will be made available on the NSSI website. The main deliverables from the workshop will include:

- Summary of remote sensing products and activities that are available for the arctic
- From the stakeholder community, a prioritized list of what remote sensing products are useful, what needs to be tuned to the arctic, and what's missing
- For the identified data gaps, a description of the justification, measurement parameter(s), and desired spatial and temporal scale
- Updates to the NSSI long-term monitoring database from the stakeholder community
- A list of ongoing or planned activities (NASA ABoVE, NGEE, Arctic LCC, CBMP) that are synergistic with identified gaps

Workshop Goals and Objectives

1. Role of remote sensing
 - a. **What's available and is it useful?** From list of available and future satellite products, what is of use to the stakeholder community
 - b. **What's missing?** Prioritized list from the stakeholder community of desired additional measurement parameters (at what temporal and spatial scale) and associated justifications
2. Develop an approach to fill identified gaps
 - a. Identify key research questions to fill gaps
 - b. Existing products tuned to the arctic
 - c. New product development
 - d. Verification of tuned products
3. Identify ongoing or planned activities that are synergistic with identified gaps
4. Suggested next steps and schedule