

The Land Processes DAAC DAAC Management

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Long Term Archive (LTA)

- ◆ USGS has been reorganizing into multiple programs based at an agency level (to enable better management and common business practices).
- ◆ The LTA is in the Land Remote Sensing Program, which also has Landsats 1-7 and the DAAC.
- ◆ EDC is also reorganizing, and staff who run the archive, and their roles and responsibilities, are transitioning in FY03.
- ◆ The need to make progress on the transfer of NASA EOS data and science to the USGS is recognized, and in work.
- ◆ A new USGS LTA representative for the EOS transfer has been selected.

Long Term Archive (LTA)

- ◆ The USGS is predominantly interested in global land remote sensing data sets.
- ◆ The Archive Advisory Committee (AAC) is expected to be continued, and has written a “data sieve” paper advising the USGS how to evaluate possible new data sets for inclusion into the LTA.
- ◆ Based on AAC guidance and USGS science requirements, the LTA is developing an archiving plan to address wavelength, resolution, temporal/spatial extent, and product types.
- ◆ Data sets judged likely to be transferred will drive near-term engineering and funding initiatives.
- ◆ It is expected that a joint NASA/USGS process that includes the AAC and the SAP will be used to evaluate the transfers.

Long Term Archive (LTA)

- ◆ NOAA currently working with other DAACs.
 - NOAA expects to transfer:
 - ◆ All low level (L1) data.
 - ◆ Some mid level (L2) data.
 - ◆ Very little higher level (L3+) data.
 - NOAA will enable, but not fund, reprocessing data.
 - NOAA has proposed to keep scientific stewardship at NASA.
- ◆ USGS is primarily interested in data at the LP DAAC.
 - USGS has not ruled out other EOS data sets elsewhere.
 - USGS hasn't determined data required yet, but is generally biased toward low and high level data.
 - USGS will likely take the NOAA approach to reprocessing.
 - Scientific stewardship definition and work still TBD, but the USGS expects to work with the NASA science community.

Long Term Archive (LTA)

- ◆ Near Term Tasks:
 - NASA and USGS will:
 - ◆ begin engaging in closer dialogue.
 - ◆ define the transfer process.
 - ◆ work to transition (or not) the Version 0 data sets.
 - ◆ consult with the SAP.
 - The USGS will:
 - ◆ finalize and approve it's LTA archive policy.
 - ◆ define and begin engineering trade studies.
 - ◆ generate funding initiatives.

- ◆ Neither NASA nor the USGS have specific funds set aside for this transfer.

Long Term Archive (LTA)

- ◆ With what we know right now, we can already make some educated guesses on specifics:
 - The SAP and AAC will be involved.
 - LTA will be requiring complete EOS data sets (data, metadata, browse, documentation, etc).
 - LTA is unlikely to accept data until after the last reprocessing.
 - The LTA will be in contact with the science teams with respect to scientific stewardship.
 - The LTA will look at archiving in place and using USGS systems.
 - LTA will be constrained by funding, and will likely request support from the AAC and SAP.
 - ◆ May be advantageous to have the next SAP meeting at USGS HQ.
 - The LTA, driven by it's archiving plan, will be contacting NASA regarding future data such as VIIRS.