

Recommended Items for a Charge to a LTER Spatial Data and Analysis Committee

LTER Spatial Data Committee should produce a prioritized list of data needs and a specific plan for implementation, including costs and advice to the LNO on how to coordinate the efforts necessary to acquire the data. The committee should consider Landsat data, LiDAR and other data included in recommendations from previous ad-hoc meetings. The data and implementation plans must be realistic and focused on Network-level ISSE research. These recommendations will be documented and implemented through agreement by the LTER Executive Board.

This committee should include activities of the LTER Information Management GIS working group that currently focuses on the management of site spatial data within the LTER NIS. Of particular focus here is to coordinate linkages to data already acquired at LTER sites for use in Network-level ISSE research.

The Committee should discuss the diversity of remote sensing data and tools that are needed for different aspects of LTER research and the needs for complimentary datasets to support cross-site research at specific sites. This includes attention to marine remote sensing needs as well as data such as Snow and ice data which are quite different from terrestrial applications, historically a focus for LTER.

Ten members from the ASM meeting agreed to be part of the initial committee meeting including M. Gastil- Buhl, Suzanne Sippel, Kyle Cavanaugh, Jamie Hollingsworth, Theresa Valentine, John Schalles, Christine Hladik, Mike Gooseff, John Vande Castle and Andrew Fountain. Additional LTER remote sensing scientists with interests in LTER ISSE research will be invited.

Focus should include recent efforts from LTER ad-hoc and ASM meetings including the following:

Summary and Recommendations to the LTER Executive Committee

LTER Ad-hoc Remote Sensing Committee: Andrew Fountain (chair), MCM; Morgan Grove, BES; Mark Williams, NWT; Dave Verbyla, BNZ; John Vande Castle, LNO. December 5 2008:

http://asm.lternet.edu/sites/asm.lternet.edu/files/workinggroups/docs/LTER%20Remote%20Sensing%20Data%20Information%20and%20Coordination/RSccommitteeReport_12-5-08.pdf

Final Report for the 2009 LTER All Scientists Meeting by the ASM Spatial Data Working Group - Andrew Fountain and John Vande Castle::

http://asm.lternet.edu/sites/asm.lternet.edu/files/working_groups/31/report/ASM%20Spatial%20Data%20Meeting%20Report_v3.pdf.pdf

A Proposal to the LTER Executive Board for a Spatial Data Committee to Support ISSE Research. Andrew Fountain (fountain@pdx.edu), Theresa Valentine (theresa.valentine@oregonstate.edu), and John Vande Castle (jvc@lternet.edu):

<http://lno.lternet.edu/files/lno/LTER%20Spatial%20Data%20Committee%20for%20ISSE%20Research%20Final.pdf>