

WORKSHOP SUMMARY

LIDET (Long-term Fulcrum Site Decomposition Experiment team)

20 participants

This workshop was the third planning meeting of LIDET. The focus was on 1) progress to date, 2) planning a joint publication summarizing the first two years of results, 3) identifying modifications of current methods and new data needs and 4) resolving potential conflicts in use of samples for chemical analysis.

The field project is proceeding on schedule; most sites will be making their 3rd collection of litter bags

Wet
this year. Chemical analysis is progressing
as expected, but NIR analysis is well
behind schedule. This problem should
be reduced as we now have an NIR
spectrophotometer dedicated to LIPFT.

Modeling activities are progressing
and the first ^{manuscript} ~~iteration~~ will be completed
in 3-4 months. A draft manuscript
describing the ^{initial} study (to be submitted
to Bioscience) was released for internal
review.

There was considerable discussion
about preparing a manuscript describing
the first two years of results from

the study. Participants felt that two years of data would be far more valuable than one year. Sites will be asked if releasing the 2nd year data early to speed manuscript publication would be possible. There was an overwhelming consensus that team publications should take priority over smaller groups. Sites were encouraged to use HIPET data when it complemented other studies being conducted at their site.

The major missing piece of data to be collected at sites is N availability. All sites will be asked to help

collect two indices of N-availability:

1) resin bags and 2) laboratory incubations.

Analysis costs will be borne by the existing grant. Another area of concern

were the dowels, which are becoming difficult to fully recover below-ground.

A new study design will be developed, reviewed, and probably installed next year to address this problem.

As more decayed material is retrieved and archived it is becoming a large resource for chemical analysis.

LIDET needs to develop a plan to deal with these requests and

prioritizing them. Our tentative procedure will be as follows: 1) a short proposal describing the analysis, the hypothesis/idea to be tested, the nature of the analysis (amount, destructive, etc), 2) the proposal will be circulated within LIDET for feedback, 3) a committee will make final decision. Priority will be given to analysis that benefit all LIDET sites and are non destructive, or are needed by the LIDET sites.

Finally, planning for the 1995 All-LIDET workshop was started. Tentatively the workshop will be held in July 1995.

at KBS. A representative of each LIDET site will be expected to come, as well as representatives of other ~~networks~~ decomposition networks (LIDET, DECO, etc). The objective will be to summarize the first, 4 years of results and to plan the second 5 years of the study.

Compiled by Mark Harmon from notes taken by Linda Blum