From: SFRC Pinemap Aim 1 on behalf of Brian Strahm
To: PINEMAP_AIM1-L@LISTS.UFL.EDU
Subject: Re: AIM 1 Conf Call
Date: Friday, October 05, 2012 1:24:29 PM
Attachments: PINEMAP GHG Protocol.pdf

As follow up from our last call, attached are the GHG and associated soil nutrient availability protocols that we're currently using at the VA Tier III.

Raj Shrestha, a Research Scientist working with me on other projects, has really helped pull this together/off and is the pro. Either of us would be happy to tweak, discuss, etc. as need be. To that end, we can also supply vendor info/part numbers where helpful.

-Brian

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----- Original Message -----
Subject: Re: AIM 1 Conf Call
Date: Wed, Oct 03, 2012 10:37:07 PM
From: Fox, Thomas <trfox@vt.edu>
To: PINEMAP_AIM1-L@LISTS.UFL.EDU

Geoff

Thanks. These are good items for the Aim 1 Conf Call on the 15th.

Are there any other agenda items from Aim 1 Group.

Tom

Sent from my iPhone

On Oct 3, 2012, at 7:35 AM, "Lokuta,Geoffrey M" <bassman@UFL.EDU<mailto:bassman@UFL.EDU>> wrote:

Folks,

The UF group here had a recent discussion and some questions came up that dont appear to be detailed in protocols or email correspondence, namely concerning Tier II sites and sampling. I would like to add these questions to the agenda for the next AIM1 Conference Call (OCTOBER 15, 9AM EST).

1) In the case of a study that includes plots of various genotypes (e.g, the FBRC PPINES installations are Genotype X Culture X Density trials), do we have a preference on which genotype(s) are selected? We feel if a region is assigned an installation managed by another coop, it should be documented which family the coop desires to be sampled. In addition, some studies may exhibit a strong blocking effect. Some blocks may have great growth, poor

survival, or heavy disease incidence. If there is a desired replicate to be sampled, maybe this should be documented as well. If not, then the field crew can select whichever rep they desire.

2) Some trials contain both single family plots and mixed family plots. It is desirable to select one representative or superior family to sample, or select to sample the mixed family plot?

3) It is desired (per the wood core protocol) that no wood cores are taken in stands <5 yrs old. There are a number of studies assigned to UF currently under 5 years old. Putting wood cores aside, it is desired that these studies be sampled at any time (such as, this year at 2 YO) to capture some young stands and expand the age range of our dataset, or is it best that these stands get sampled as late in the project as possible? These stands will have obvious differences in FF, understory veg, CWD, etc, compared with many of the mid-rotation stands if sampled at age 2. Though, whether sampled now at age 2, or later at age 6, I am not sure the difference will be drastic.

4) Andy has done a great job documenting as much data as possible for Tier II sites, down to which treatments/plots to measure. In addition, many have worked hard on soil Rs, IPAR/LAI, carbon, wood core, and other sampling protocols. Though some cases, its not clear for the field folks when sampling should occur (what times of the year), at what frequency sampling should occur (once, monthly, seasonally, yearly), and what the minimum number of sites are that need measured for each measurement (IPAR, LAI, CO2). It would be good to put these details on paper, especially with respect to minimum data required for modeling. For now, I am visiting sites with a "if the weather permits, or I have time, I will do it" attitude. If not, it gets noted in the file it wasnt done and I can go back later, if possible.

I have put together a document that all can read and edit. If you participated in drafting a given protocol, it would be great to see these fields filled. As you will see, I filled in some fields with details gathered from the protocols. Once we finalize this, ill make it a permanent Excel document to archive.

<https://docs.google.com/spreadsheet/ccc?key=0AoE3swrozQA7dG1mZlYtM1Q3WVpmQVVoRUpUcU5XRGc>
https://docs.google.com/spreadsheet/ccc?key=0AoE3swrozQA7dG1mZlYtM1Q3WVpmQVVoRUpUcU5XRGc

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