

PINEMAP Executive Committee Meeting
Thursday, November 10, 2011, 9:30-10:30 am EST

--MEETING MINUTES--

Participants in attendance:

Jessica Ireland
Martha Monroe
Randy Wynne
Lisa Samuelson
Tomasz Koralewski
Bill Hubbard
Jim Gan
Rod Will
Mike Kane
Eric Taylor

Administrative updates (Jessica Ireland)

- Tim Martin is in Brazil for the IPEF pine and eucalyptus meeting.
- Reminder: Year 1, Quarter 3 reports are due from Aim groups Nov. 15. Please e-mail Jessica if you have questions or anticipate a problem with submitting the report by Nov. 15.
- Jessica and Tim will be working on the CRIS Progress Report for submission by Dec. 1.
- UF PINEMAP team hosted Dr. Franklin Boteler, Assistant Director, NIFA Institute of Bioenergy, Climate, and Environment on Nov. 7. He noted that annual reports and short, easy to understand snippets of progress, successes related to overall NIFA goals will be very useful. Our annual report will be sent to NIFA and we will also pull together shorter, one-page pieces to summarize major successes.
- Tim and the Integration Leaders are working on putting together an External Advisory Board (identifying groups, people) and will keep the EC posted on this.
- Ross Whetten noted that the end date on the current sub-contracts to collaborating universities is 2/28/12, but that 2012 is a leap year, with 2/29 the last day in Feb. The UF Awards Administration office is aware of this and will start the year 2 contracts on 2/28 to avoid any break in funding.
- We've started up a bi-weekly reader, the *PINEMAP Forecast* to summarize upcoming dates, updates/reminders, and aim progress. E-mail Jessica if you would like content included in an upcoming issue of the *PINEMAP Forecast*.
- 2012 Annual meeting (May 15-16, 2012) venue is finalized: Georgia Tech Hotel and Conference Center. Aim group breakout rooms will be provided on 5/16. Please let Jessica know if your Aim group would like additional work time on morning of May 17.

PINEMAP Graduate Course updates (Martha Monroe)

- Every PINEMAP graduate student will register for 2 credits at their home institution (could be new course could be independent study)—every faculty that has graduate student will be facilitating course and providing a grade.

- The common time to interact on a live webinar will be Tuesdays at noon EST. If students can't be online at that time, the webinars will be recorded for viewing at a later time.
- 2 major assignments:
 - Assignment 1—Students from various universities in each aim group will work together to further examine aim-specific research and present something to the class. We need a faculty member to coordinate each aim group for Assignment 1. Specifically, we need suggestions for an Aim faculty coordinator for assignment 1 for Aims 1, 2, and 4. Faculty will work with students during last 2 weeks in Feb. and make sure that assignment is loaded on website during the 3 weeks that various institutions have spring breaks (early-mid March). During one week at end of March, students will present assignment 1, lead discussion, etc.
 - Randy Wynne noted that he will coordinate Assignment 1 for Aim 2.
 - Martha will follow-up with Mike Kane and Jim Gan regarding Aims 1 and 4.
 - Assignment 2—group leaders from Extension—Bill Hubbard, Eric Taylor, 3rd person TBD will lead 3 groups of students from various universities working together through Internet to develop an Extension activity. For example, groups could revise an existing Extension fact sheet and pilot test.
- We'll send out a 1-page explanation of course with next *PINEMAP Forecast* so students have a better understanding of what it entails.
- Another major need is to finalize topics for each week, as well as readings, speakers, discussion questions, etc. for each topic. Folks have volunteered to coordinate a topic or have been assigned to topics and Martha is waiting for information from them. We hope to have this all put together by Thanksgiving.
- If you have ideas for the graduate course, please let Martha know (send e-mails to Martha at mcmonroe@ufl.edu).

Web site/Intranet site tour (Jessica Ireland)

- We took a few minutes to tour the newly launched PINEMAP web site and Intranet site.
- Please send any comments or suggestions to Jessica.
- Please also keep in mind that we will depend on the Aim groups to submit content for the web site; sub-pages and sub-menu items can be added as needed.

Updates from AIM Leaders

- **AIM 1: Mike Kane**
 - **Successes:**
 - Happy to report that we've identified 4th site for Tier III study installations (this site will be shared with Auburn and UGA).
 - Tier III installations—investigating aspects of rainfall exclusion structures; that work is ongoing; a lot of activity there.
 - A lot of activity regarding definition of protocols for various evaluations (soil respiration, transpiration, litter fall collection, etc.). A lot of progress has been made in those areas.
 - A number of Aim 1 members are feeding data structure into Terra C to prepare for getting database established, particularly for Tier I studies.
 - **Greatest needs from other AIM groups:**

- Need to get better definition of population of Tier II study sites; this involves coordination with Aim 1, 2, and 3.
- **AIM 2: Randy Wynne**
 - **Successes:**
 - 3PG sensitivity analysis by Bob Teskey accompanied by port of 3PG to Fortran for NEX use.
 - **Greatest needs from other AIM groups:**
 - Require Tier I data from coops to be added to Terra C.
- **AIM 3: Tom Byram/Ross Whetten both unable to participate in meeting; Aim 3 continues to make progress on successes from last EC meeting:**
 - Databases of latitude and longitude locations for progeny tests well under way; Tom has good data set for Texas; working on it for NCSU; Gary well on the way at UF.
 - Optimize, test, compare different high throughput sequencing methods as a way of genotyping large numbers of individual trees.
 - Kostya Krutovsky at TAMU working on getting the reagents together to use Sure Select method which is a way of extracting fragments of genomic DNA that are parts of genes so that they can be sequenced; designing reagents to target a set of about 35,000 gene sequences.
 - NCSU: working on methods that involve restriction enzyme digestion of DNA; doing pilot experiments with unimportant samples of DNA to get things working.
 - Overall: Aim 3 is making progress on getting together data, reagents, protocols for 2 major objectives.
- **AIM 4: Jim Gan**
 - **Successes:**
 - Developed stand-level economic analysis model to estimate economic impact under different disturbances. Working on applying model; have conducted studies, manuscript sent out for review.
 - Started to use 3PG model to simulate productivity of loblolly pine plantations under different climate change scenarios.
 - Trying to produce map to show pine plantation productivity at different locations in the South.
 - Starting to look at valuation of carbon offset; developing survey instrument for distribution.
 - Bob Abt continuing to work on economic impact of climate change; working on modeling update, incorporating climate scenarios into analysis.
 - Looking at how adaptation can help to alleviate impact of disturbances, doing regression analysis on disturbance impacts.
 - Literature review: looking at incentive programs that may have implications for climate change mitigation and adaptation; also, impact of management practices on carbon sequestration.
 - Graduate students: MSU hired a PhD student; NCSU hired MS student.
 - Compiled data for temperature, precipitation for entire U.S.; if you want to use this data, we'd be glad to share.

- **AIM 5: Martha Monroe**
 - **Successes:**
 - The Undergraduate Intern program almost ready to launch. You'll be able to download application forms from web site for both graduate student mentor and undergraduate intern program. Please start to think about which graduate students would like to apply to mentor an UG. Graduate students will need to collect data and do research over summer and have an UG with them. The more we can advertise and market UG Internship Program, the better. VT will select UGs and Grads and match them up among disciplines. The first year will be a trial run with 6 interns; next year 12 interns, following year 18 interns. Announcement will be on web site; please encourage UGs and Grads to apply.
 - **Greatest needs from other AIM groups:**
 - Graduate course is our biggest need: need to make sure webinars, readings, and discussions for each week/topic area are organized, planned, and ready to roll in January.

- **AIM 6: Bill Hubbard/Eric Taylor**
 - **Successes:**
 - Leslie Boby, Extension Associate, participating in Tree Improvement Coop meeting this week.
 - 2 new posters since last EC meeting: Heather Dinon developed a poster for Southeast Climate Consortium meeting; poster at SAF meeting last week.
 - Talked with Extension foresters at SAF meeting about PINEMAP, how we can work across region and country. Several forest service initiatives and Association of Natural Resource Extension Professionals have fairly involved climate variability projects which PINEMAP will work closely with.
 - Gearing up to work with county Extension delivery system re: what PINEMAP is all about, how PINEMAP can integrate at county and state level.
 - Developing partnership with regional bioenergy NIFA CAP project at University of Tennessee (Integrated Biomass Supply System; Tim Rials, PI). There is interest in collaborating on LCA.
 - Developing fact sheets with Texas Forest Service.
 - Western gulf meeting planned: LA, OK, AR, TX.
 - Working with Texas Forest Service to look at ecosystem assessment as it pertains to anticipation.
 - **Greatest needs from other AIM groups:**
 - Need to make gains with PINEMAP team on internal training efforts. We encourage everybody to keep thinking about presentations that could be made for internal webinar series, the presenter that would be best, and make contact with presenter to confirm they willing to participate. Keep in mind that aim updates could be packaged into useful webinars to educate other PINEMAP members. Internal communication is essential to effective Extension efforts.

Link to web conference recording: [View the Blackboard Collaborate recording](#) **NEXT EC MEETING:**
December 8, 2011, 9:30-10:30 EST