



All Team PINEMAP meeting:

No cost extension year plans

December 4, 2015



1 year No-cost extension

- Request submitted July 29
- Approved by NIFA November 2
- UF has finished processing most subcontracts
- Contact your institutional coordinator if you encounter problems



Focusing on PINEMAP goals

- Limited funds at UF are being redistributed to high priority efforts
 - Ensuring regional modeling effort can reach full completion
 - Cost-sharing effort with Forest Productivity Cooperative to scale Jay Raymond N efficiency work to region
 - Focused outreach to minority landowners
- Needs assessment for year 3 maintenance and measurements at Tier III sites
- Needs assessment for Rh:Ra work
- Other goal-focused, high priority work that requires assessment?



Planning for Final Report

We plan to produce a single additional glossy report as our final report

- Timing relative to PINEMAP meeting week of 5/23/2016
 - Takes ~4 months to produce
- First wave of articles written based on 1st order “big science” integrative papers and meeting presentations, finish review/ editing process late September 2016
- Second phase of 7-10 articles based on 2nd order “reflective” integrative paper results and outcome theme results summaries in fall 2016
- Goal is to release final report December 2016



DSS papers and ATP roll-out

Heather Dinon Aldridge, Corey
Davis, Ryan Boyles

PINEMAP ATP Meeting | December 4, 2015



DSS updates

- New MACA FAQ website:
http://climate.ncsu.edu/hadinon/pinemap/MACA_FAQs.php
 - one question addresses how to run an ecological model with MACA data and gives guidance for analyzing output

MACA Data: Frequently Asked Questions

- ▶ What is MACA? How can I get more information about this method?
- ▶ What does MACA climate model baseline data (1950-2005) represent? How can I use it in my analysis?
- ▼ Which observed dataset should I use for my analysis?

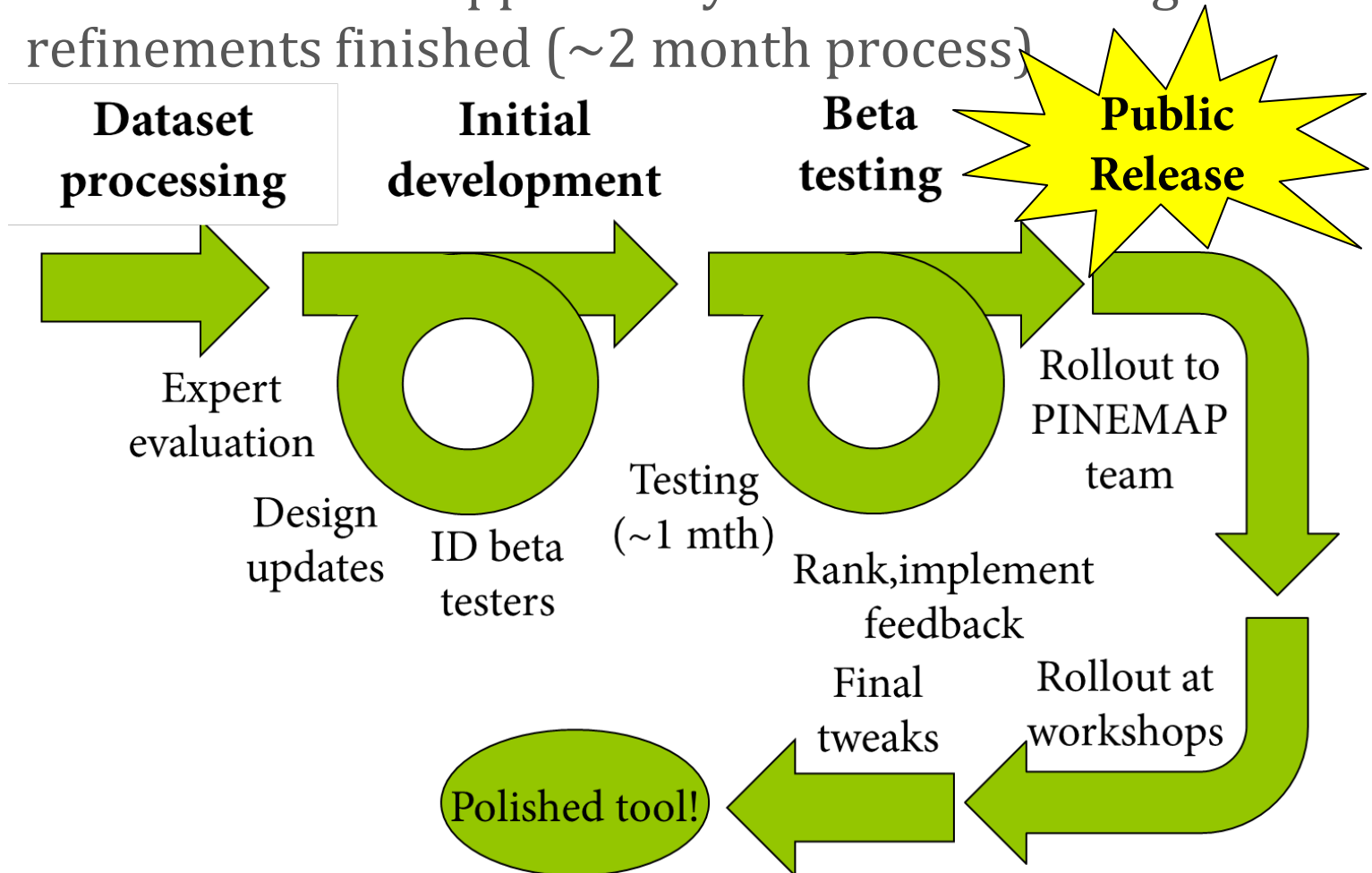
The UofIdaho MetData (1979-2014) was the observational dataset chosen for PINEMAP because it provides the highest spatial resolution and all the critical variables and time steps needed by the AIM2 modeling folks. Ideally, PINEMAP process models will use the UofIdaho MetData as observations for the purposes of calibrating the model.

As a reminder, actual observed data should be used to train or validate a process model, not the climate model baseline because the baseline is not expected to be connected to the observed weather for any given day, month, or year.

- ▶ What are best practices for analyzing MACA data using an ecological model?
- ▶ Why do I need to use at least 20-year future time slices in my analysis?

DSS updates

- Climate risk and opportunity tools: beta testing and refinements finished (~2 month process)



- Developing two DSS paper outlines



DSS publications

1. Process paper (collaboration with WL, possibly others)
 - Goal: tool development process as iterative not modular
 - A. Seedling deployment: working with key partner that knows target audience
 - B. Climate risk & opportunity tools: how beta testing helped refine the time series plots
2. Climate projection visualization
 - Goal: how to effectively communicate climate projections in a web environment
 - A. Explain PINEMAP needs, e.g. flexibility to handle lots of derived variables, metrics, decision models, etc.
 - B. Highlight map and time series options to show spread of future projections spatially



DSS Live Demo / Official ATP Roll-out

PINEMAP DSS:

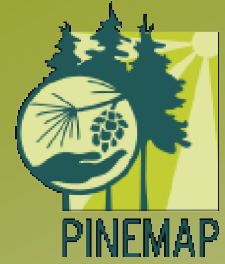
<http://climate.ncsu.edu/pinemap>



Coming Soon

- Add historical climate variability and model error to DSS
- Enhanced graphics (SREF designer) on DSS intro page
- Release new MACA FAQ: DSS version
- Eye tracking at regional SAF meeting, January 2016
- Regional modeling output: implement & beta test

- Do you have output for the DSS?
 - Same implementation process:
 - Initial design with you – data, descriptions
 - Beta testing with your suggested experts
 - Refinement and release



Questions? Comments?