

## October 10, 2022 Translation Working Group Call

Attendees: Cliff Dukes, Mike Gerst, Kira Sullivan Wiley, Jody Peters, Melissa Kenney

Regrets: Chris Brown, Jessica Burnett, Alison Gerken

### Agenda

1. Update about the interviews and plans for pulling together the information and making plans for what to do
  - a. Completed 2 interview (Chris Brown, Alison Gerken)
    - i. Helping people plan ahead to make their models operational and continue to have support
    - ii. Interested in finding connections to economists to help farmers make decisions
  - b. Have 5 more scheduled so far (Juniper Simonis, Jake Zwart, Shannon LaDeau, Woody Turner, Carl Boettiger). Still waiting to hear back from 3 people (Kelly Heilman, Quinn Thomas, Ethan White) to get them scheduled for October.
  - c. Mike has been adding a couple of sentences to summarize what people have identified as the barrier
  
2. On the November call Jessica Burnett ([jessica.burnett@nasa.gov](mailto:jessica.burnett@nasa.gov)), a AAAS Fellow with NASA's Ecological Forecasting program element offered to share info about the program with the group.
  - a. The Biological Diversity (BD) and Ecological Forecasting (EF) program elements are tightly coupled but have distinct roles in the NASA Earth Science Division. Whereas both are funding entities, BD supports basic research (within the NASA Research & Analysis program) and EF supports applications for decision making (within the NASA Applied Sciences Program). Although EF does support forecasts, it is not strictly limited to such activities. Rather, the vision. . Jessica is part of the application group and will be talking about that with the group.
    - i. Melissa wondered if this would be of interest to the broader EFI community?
    - ii. Here is a [recent report put out for NASA BD and EF program elements](#), some may be interested in reading Appendix C (considerations for NASA).
  - b. Does Jessica work with Lawrence Friedl? Yes (see comment)
  - c. Does NOAA also have a forecasting and application arm similar to NASA? This would be a good question for Chris. What about other organizations?
    - i. How does the operationalization work within groups? What can we learn from the different structures for EFI?
    - ii. Chris focused on the barrier that groups with less resources having a harder time to make/keep forecasts operational.
    - iii. Ecological forecasting is in a void where it isn't in an agency's explicit mission focus. It is linked to agencies, but it is not explicit. Melissa hasn't

looked at the legislation to see if it comes up in funding other than what agencies have set up.

- iv. Is there other language other agencies use related to ecological forecasting. Is this the term to look for or do some agencies use other terms? Earth systems modeling? Biological forecasting?
    1. If we were to look through legislation to see who else might be in this space. How confident are we that we know the players doing ecoforecasting? Are there people doing ecoforecasting that we don't know about because they are using different terms?
    2. The interagency work is helping to identify some of the people involved. This is being led by Jake Zwart because we needed someone within government to lead this effort
      - a. Ask in the upcoming interview with Jake if there are groups in ecological forecasting that are not included our current list of people? Who else to reach out to.
    3. But not sure. Haven't come across other terms so far.
3. Notes Jody is keeping in for reference about the interviews from previous calls.
- a. Targeted survey to gauge the translational needs of the EFI community - get a better handle on what the modelers/physical scientists needs are in terms of translational needs
    - i. Interview questions
    - ii. What will we do with the output?
      1. Synthesize what we have heard that might lead to focus groups
      2. Get to the bigger picture of what are the gap or needs across EFI
      3. After synthesis - could do a webinar or Q&A. This is what we have heard. Bring in speakers on specific topics and use that as an opportunity to see what specific guidance for the community.
      4. Have version 1.0, 2.0 - build on based on different interactions with broader EFI community
    - iii. Next steps from Sept call -
      1. Do interviews in 10 person buckets
      2. Focus on career stage dimension
      3. Jody can help with Intro email
      4. Mike will set up an interview with Chris to get started