

September 12, 2022 Translation Working Group Call

Attendees: Kira Sullivan Wiley, Chris Brown, Cliff Duke, Mike Gerst, Jody Peters, Jaime Ashander, Alison Gerken

Agenda

1. Logistics:
 - a. Schedule - the call in December is schedule during the AGU conference. Will people be going and should we move it back to the following Monday, December 19?
 - i. We will keep it as scheduled
 - b. Terms of Reference & Work Plan
2. 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
 - a. Notes from the Aug call
 - i. Think there is survey fatigue so think it would be more effective to reach out in a targeted manner
 - ii. For survey - need help narrowing our focus so we aren't trying to address every translational need. If we can pick one that many people express then this can encourage more engagement
 - iii. Do focus groups first. People may not know what they need. For some people there may need to be some back and forth
 - iv. Would be good to give direction, provide potential for proposals
 - v. Medium term - proposal writing or workshop proposal
 - vi. Short term - groups with pots of money for translation that aren't sure how to
 - vii. Create short guides from the interviews
 - viii. Target 30 minutes of people's time
 - ix. For Sept meeting, do a test run with our internal group and get input
 - x. Go through the list of members and WG participants on the next call and brainstorm who to reach out to - want to get a diverse sample career stage, institution type, forecasting topic area, and any other dimensions that would be useful
 1. Here is a list of members and forecasting projects that Jody started
 - xi. Could invite participants to join upcoming Translation calls and do the interviews during the calls
 - xii. List of potential interview questions that Mike developed for the group to review together
 1. Needs assessment - get sense of what things people would like more support of

2. Could add something like "In discussions with other colleagues what have they said"
 3. Get a sense for how people are thinking about social science and translation - view as monolithic or see the granularity and different roles of social science
 4. "Support" does not mean financial support
 5. The idea of "support" would be if you have stakeholder/user - what sort of help would I need from the translational team to make connections and better understand their needs - from the socio-economic side of things
 6. Do the physical scientists understand the problem - do they understand co-production and what goes into it? If they do and they need it, is it that they need help connecting the dots and finding the people with the correct background to connect with.
 - a. Chris has perspectives from NOAA background
 - b. NOAA and NESDIS is operational so has come into a lot of contact with these ideas.
 - c. Chris can be the first interview
 7. Input on the structure of the interview - the questions are good leading questions
 8. Chris' NOAA experience - office is primarily scientists, they came up with application that was looking for a user. They didn't care about the end user - put it out there and hoped to have a user pick it up. Now NOAA is switching it around. Starting with the user and their needs (there is a whole range of users). Stakeholders for NOAA are people supporting - another fed agency or another office in NOAA that reimburses for the forecast creation.
 9. Think about the definition of the terminology. Users vs stakeholders is very different for NOAA and the way NOAA interacts with users vs stakeholders is very different
 10. Recognize that what it looks like in a large organization in NOAA will be very different than a single PI
- xiii. If we have some idea of the breakdown of process that we think people can go through for stakeholder engagement. Then hone in what they focus on. Then ping/prod the other parts of the process. Know where to prod to get the fuller picture
- xiv. Another thing that might be useful could be a focus group - do a check back session. After doing the interviews, then ask if people would be willing to join a focus group.
- xv. Are there pieces of the Translation Group/aspect that we should also ask about with the questions?
1. Leave it as is - keep it broad, and see if there is feedback that broadens the definition

- xvi. Thinking of the Translation terminology - can think of translating or transitioning your research to operations or application that is ongoing that people are starting to use (doesn't have to be at the high level like NOAA, but could be at the individual PI level).
 - 1. Foundational pieces of the process is what is the motivation of doing the translation - if it is a requirement of your work/grant vs it is something nice that the group wants to do, but isn't required. The communication around it may be very different
 - 2. Range of agency people to include - Climate Adaptation Science Centers where forecasting is key part of their operations.
 - a. Look to interview a couple of PIs from a couple of places
 - b. USGS has similar approach to NOAA - there is a lot of discussion of customers or partners and there is a lot of funding to encourage the process from the
 - c. Jill Baron at Colorado State - oversees the Powell Center
 - d. Margaret Palmer - director of SESYNC
 - e. Good to ask about for these questions. But could also ask about ideas about facilitating co-production. Jill and Margaret have done this in those Centers
 - f. Directors of CASC good for project examples. Embedded within context where mission is to co-produce and have pots of money to do it. Much of the criteria is about co-production. Then the people who have gotten the funding, can speak to how to develop co-production
- xvii. How targeted to be with the interviews? How strategic to be with getting a range of people to interview?
 - 1. If we have 1-2 differentiating dimensions that would help to guide who to interview
 - a. How much experience we can infer someone has with co-production. There will be a spectrum of experience and want to include early career
 - b. Go back to list of attendees to the co-production webinars we previously held.
 - c. Industry vs Academic vs Gov't
- xviii. 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
- xix. Next steps -
 - 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

3. Resources from Cliff about National Academies workshops

- a. <https://www.nationalacademies.org/our-work/workshops-to-support-epas-development-of-human-health-assessments-i-artificial-intelligence-and-open-data-practices-in-chemical-hazard-assessment-ii-triangulation-of-evidence-in-environmental-epidemiology>
- b. <https://www.nationalacademies.org/our-work/workshops-to-support-development-of-epas-iris-toxicological-reviews>
- c. <https://www.nationalacademies.org/our-work/workshop-on-federal-government-human-health-pfas-research>