

March 17, 2026 Translation Working Group Call

Attendees: Ayanna St. Rose, Jody Peters, Collin VanBuren, Abby Keller, Alexis O'Callahan, Yishen Li, Alison Gerken, Janet Nackoney

Regrets: Kira Sullivan-Wiley, maybe Charlotte Malmborg

Agenda:

1. EFI2026 Conference - Abstracts are due on April 15
 - a. See details here: <https://bit.ly/efi2026>
 - b. Keep in mind discussing ideas for the workshop over the next few

2. Taxonomy of decision support manuscript update
 - a. Review and discuss updated project summary, research question, and problem statement
 - b. Check out annotated bibliography (came from the spreadsheet of papers the group originally shared which was a nice mix of specific examples and meta-analyses) and different definitions of decision support
 - c. Discuss WoS search terms and queries
 - i. ("decision support" OR "decision-support") AND ("conservation" OR "natural resource manag*") : 1385 papers
 - ii. ("decision support" OR "decision-support") AND ("conservation" OR "natural resource manag*" OR "ecolog*" OR "biodiversity") : 3377
 - iii. ("decision support" OR "decision-support") AND ("conservation" OR "natural resource manag*" OR "ecolog*" OR "biodiversity" OR "fisher*"): 3635
 - iv. ("decision support" OR "decision-support") AND ("conservation" OR "natural resource manag*" OR "ecolog*") : 3148 papers
 1. Question from Collin: Should we include "support decision" in the search terms? (Maybe "biodiversity", too, since "conservation" can mean e.g. art/artifact conservation)
 2. Include forestry? Fisheries? Other conservation subfields
 3. Need the applied version (e.g., aquatic ecology = fisheries) - to make sure papers that are "about" NRM but don't use the term NRM are still captured
 - a. Restoration?
 - b. Are we including agriculture [or rangeland management]? Then is the boundary fuzzier? Decision-support not needed so much because they're long history of decisions - Grassland management? [Pollinators?]
 - c. Wildfire?
 - d. Protected areas
 - e. Agriculture? Maybe too managed? Too long of a history of decisions
 - f. Birds; keystone species; wildlife; endangered;
 - g. Might be good to find a few papers that review NRM to see which search terms they use and reference them
 4. Think application terms will help narrow the papers - that they will have more decision support examples
 5. Keep in mind - where to draw the line about the application of decision support. Is it just mentioned in the discussion? Or is it demonstrated in the paper

6. Should we define early on in the paper the systems we are not going to look into?
 - a. Highly intensively managed systems
 - b. Public land management would allow for putting a boundary. It won't include row crop planting, but would include grassland management
 - i. Public land does not include protected/managed private land
 - ii. Need to find a boundary that avoids us having to consider agriculture - unless we only consider the NRM outcomes of ag (i.e. exclude decision support tools or contexts where the decision outcome is increased/maximum productivity or output of food stuffs)
 - c. It might become clearer as we start the lit review; but do want to make sure we are capturing all the papers. Want to start the search widely. Then in abstract screening make decision about where to draw the boundaries
7. For the next meeting - Abby will make different combination of the terms to see what terms bring in the most papers
8. For the prisma diagram - that will be where of the more work/decisions will come in.
9. Challenge is finding the difference between application, being implemented on the ground, vs not yet realized products. Could show where the provenance of the tools come from, if there is long-term co-production
10. Establish a timeline for how long decision support takes. Is it typical for a tool that says it is for decision support actually gets to the end of the pipeline and does that.
11. Even those tools that are aspirational, if they are working with a manager that has expressed the need for the tool, then they are more likely to actually be used.
12. Don't want to rule out aspirational ones if they have the co-production element where they are working with
13. Can identify the "application readiness level" in the datasheet
- d. Discuss process for screening abstracts
- e. Discussion of the Project Summary
 - i. We are interested in how the term "decision support" is used in conservation and natural management (cnm)
 - ii. Think this paper is looking at a broad field - look at the language in cnm. Then a second paper, would dig into a specific field and look at the many different terms related to decision support
 1. Add a sentence saying we aren't doing this dig in in this paper
 2. For the second paper, then could also apply the taxonomy from this paper. Show the taxonomy in action to a case study
 - a. Pull in the authors' definitions of decision-support
 3. Decision support's squishiness as a term = can benefit folks embracing the diversity of data/tools, (more flexible than ecosystem services)
 - a. Interest in tracking indicators of collaboration and consultation with decision-makers
 - b. Quick queries (4. Develop literature data collection queries) have questions to ask

4. Looking at the methods and context of decision-support in papers = more challenging than looking just at the language of decision-support
- iii. Next steps
1. Do initial abstract screening
 - a. Read 15-20 abstracts together to collectively develop a data table
 2. Considering LLM/AI for abstract screening
 - a. Pretty good at catching relevant papers, just includes some extra papers (can't check quality of paper) - seems like an ok tool
 - b. Collin has annotated bib of AI tools/meta-analysis
 - c. Abby suggests: [Phamet al. \(2021\). Text mining to support abstract screening for knowledge syntheses: a semi-automated workflow. Syst Rev 10, 156](#)
 - d. Kira also recommended Elicit - do need a paid account to use this. But she has it through Pew. Abby will follow up with Kira
 - e. Collander is also free and can add collaborators. Seems less sophisticated. Have to independently check each abstract that gets flagged
 - f. ChatGPT has a free option, but this would be more than what is available. Would need to consider the cost?
 3. Look at search terms used in other meta-analyses (see point 2c above)
 - a. Add biodiversity to the search terms
 - 4.
3. Check in about How and Barriers tutorials
- a. How - Kira uploaded a lot of clips. Just need three more.
 - i. If anyone wants to clip Kira's recording, you can find the clips needed here:
 1. Jody can help
 - b. Barriers to corruption draft
 - c. *Note from Charlotte re: March 17 meeting: I might be late or not there today due to another out-of-office commitment this morning. I reworked some of what we had and added stuff that folks suggested, but I am still struggling with 2 things:*
 - i. *One, "education" in the sense of sharing vocabulary and getting everyone on the same page. I am not sure if we need an explicit bullet point in the solutions section, perhaps mentioning it as its own barrier is enough?*
 - ii. *Two, the power differentials section is challenging to write about since there are so many ways that this can arise. Kira had a suggestion (noted below) about differences across individuals, groups, and institutions as a framing, but I hesitate to get too in the weeds for such a short project. Thoughts?*
 1. From Alexis - power differentials is in the How, but not in depth, so would be good to compare both to compliment each other
 - iii. *As I have to focus on my thesis defense, I'm not planning on being very available for non-thesis projects over the next 2 months or so, so I'd love to hand this off to someone else to help draft/finish this script if we are planning to have it done within that timeframe. I can always pick it up after I defend, but I have very limited capacity right now.*