

## March 22, 2021 Social Science Working Group Call

Attendees: Jaime Ashander, Whitney Woelmer, Güray Hatipoğlu, Jody Peters, Jeff Morissette  
Regrets: Cindy Hu

### Agenda/Notes:

1. Follow up about visualizing forecasts and forecast uncertainty discussed in Feb call
  - Have Whitney, Melissa been able to follow up.
    - Yes.
    - Whitney developed a module for undergrads to teach how ecological forecasts can help with decision support and how to visualize uncertainty in forecasts
    - Whitney/Melissa discussed the components of the module.
    - Virtual call that will focus on Melissa/Mike to give update on data visualization best practices. Then using this call to advertise the undergrad module and if people are interested in
  - Are we ready to schedule a virtual presentation for May?
    - Meeting again to go through the module next week and can look at calendars to see what may be possible
  - This will be along the lines of the coming call/panel on co-production and actionable science:
    - The panelists are Ellen Mearns (NOAA), Alyssa Rosemartin (USA National Phenology Network), and Mahmud Farooque (Consortium for Science, Policy, & Outcomes at the University of Arizona).
    - The date is May 4 at 2pm US EDT. Jody sent out a calendar invite. If you didn't get it, let Jody know.
2. Blog Post Updates
  - Mike Gerst - Kira had been in touch with Mike. But Jaime will put it on his list to follow up on.
  - Jaime - should bother his co-authors about signing off on it
  - Güray - last time talked about the tradeoff between refining and doing a point analysis and leaving it broad for the post. Güray will send an update to Jaime and Kira. Background: ecological forecasting legislation - is there a pattern between really function forecasts produced legislation and non-productive legislation. Start with the blog post about assessing the degree to which global environmental regulations engage with ecological forecasting and then think about moving it to a manuscript.
  - Background about blog posts in general - the group had been providing blog posts to demonstrate the use of social science in the context of ecological forecasting
    - [2 posts so far](#)
      - From Kathy Gerst's post, Denis Woods' book Power of Maps grew out of a Smithsonian show

3. Visualization - create a resource or example about doing visualizations.
- Task View and best practices
  - What does the group think the best practices and references would be
  - Such a dispersed field so having a meeting of the minds would be helpful.
  - Then based on how that goes, see if a Task View
  - Would be good to have a meeting/half a meeting to focus on this
  - Don't worry about talking about a guide for particular software, but providing an overview about decision support visual support
  - Could spend hours talking about ggplot, but what are the best ways to use it
  - Pull literature to read before or make a list of the papers useful for this
  - Jody to look through the previous notes to find Melissa's references and share those with the group in the recap email to have people look over during the next month and we can discuss this in more detail on the next call.
  - Thinking about the Task View and the ideas of brainstorming the best practices - use the best practices as the first step to brainstorming ways to visualize for difference purposes. Then see if that develops into a Task View. But the conversation about visualization best practices is the first step. Create a bibliography.
    - Here is one option to add: <https://eos.org/features/visualizing-science-how-color-determines-what-we-see#.X7u0OWVH7DA.twitter>