

Science and Data Committee Meeting- September 12th

Prior Meeting (8/24) Action Items:

- Emily to send out FISHPass proposal for final comments. v
- Final comments on FISHPass Proposal by 8/31. v
- Bob sends out Strategic Plan with his comments, committee free to make general edits if wanted, another round to come later. X. Waiting on Work plan update first
- Van to ask National Barrier Prioritization Tool developer about integrating FISHPass.v

9/12 Agenda

- Project Presentation – Mark Gard
- PAD Update – Anne Elston
- Update of FishPass decision from Governance Committee – Holly Steindorf
 - Work Plan Next Steps
 - Strategic Plan
- Other items?

9/12 Meeting Minutes:

Present: Holly Steindorf, Bob Pagliuco, Sandi Jacobsen, Andrew Hampton, Anne Elston, Emily Siegel, Gena Lasko, Mark Gard, Neal Scheraga, Van Hare

Presentation from Mark on 2020 Dam Removal

- Presentation on 2020 removal of dam. Dam removed and replaced with engineered roughened channel. Designed and built while in drought, followed by 2 years of more than 100-year floods, which morphed the channel into a step-pool system.

PAD Update from Anne

- Starting at region 5 (SoCal) and working north. About half-way through.
- PAD updated on BIOS, Caltrans doing QA/QC and Anne updating PAD data. Neal doing internal QA/QC, stream and tributary review, 500 more to review for region 2. Also reviewing US Forest Service data, SARP also gave info of what is not in PAD.
- Create list of barriers for fish passage experts for all regions (Holly S will follow up with Anne on using lists)
- A possible idea is to split region 1 into inland and coastal regions to better capture regional differences.
- Gena has updates to PAD to give to Anne.

FISHPass Proposal

- Integration with National Barrier Prioritization Tool. Van has spoken to Brendan
- Transition to a service center model. We can have an expert to run the model, priority is to keep things simple so that we don't run into the logistical maintenance needs that limited use of FISHPass last time.

Science and Data Committee Meeting Agendas- Working Document- California Fish Passage Forum

- California users could benefit from the Baseline Fish Habitat Layer if it were added as an ancillary layer to the National Barrier Prioritization Tool. That would be a good place to start. That layer's spatial relationship to barriers could be used to assign value added attributes to the national fish passage barriers dataset. These new attributes could serve as filters to select barriers of interest to download through the online tool.
- National Barrier Prioritization Tool pulls data from PAD periodically. 500 barriers that are not yet in the PAD were given by Kat, so those will be added to that they are not pulling incomplete data.
- National prioritization tool team is open to migrating Baseline Fish Habitat layer to hi-res NHD Plus linework, with caveat being that they may need QA/QC help to truth snapping of barriers to the correct streams. This is a topic for future discussion once some testing has been done.
- Who would do the QA/QC of snaps? coordinated effort for Anne and National Barrier Prioritization Tool people. Need to develop methods and workflows so that there is not parallel work/redundancy.
- Overall goal is that output from National Barrier Prioritization Tool is useful to CA fish passage practitioners. Potentially including those interested in running an offline version of FISHPass following the service center model.
- Do we want to enter into a more formal agreement?

Work Plan

- Work plan to be updated before strategic plan
 - HS will work with Emily and Gena to update work plan to reflect changes to FISHPass.
 - Coordinate with committee members who have ownership of work plan items, so they are not volunteered w/o notice.

Strategic Plan

- After the work plan is updated, S&D committee to update strategic plan. Co-chairs already have Bobs edits, we will incorporate those and send that out for committee comments and updates.
- S&D committee will have valuable changes to Strategic plan as the plan references PAD, FISHPass, and other committee work throughout.

9/12 Action Items:

- Holly S to contact Damon dgoodman@caltrout.org for R code for FISHPass
- Holly S to work with Emily and Gena to update Work Plan
- Van and Anne follow up on next steps for integrating FISHPass into National Barrier Prioritization Tool. Holly S happy to set up meetings between interested parties.