Status and Trends Report meeting

8/28/2019

DWR 106

Notes

1. Update on automation
   1. Docker
      1. Many DWR folks are having trouble with Docker due to a Windows update issue.
      2. We can house the Docker image on a sharepoint site that is by invitation-only.
      3. We still need to work out issues with the EMP water quality data. Rosie will follow up with Kelley.
      4. Some datasets are updated at different frequencies, making automation difficult.
   2. LaTex (Lara)
      1. Running smoothly. As soon as we decide on a format, Lara can implement it.
      2. Once we are happy with the graphs, put the code in the “winter report” folder in the Status-and-Trends GitHub repo.
2. Layout options <https://github.com/InteragencyEcologicalProgram/Status-and-Trends/tree/master/layout%20options>
   1. Nick: we are trying to balance comparing single parameters across regions and multiple parameters within regions. Also balancing length with readability.
   2. We don’t have to make it perfect, just strive for incremental improvement.
   3. Decisions:
      1. Adding pages is OK
      2. Add a cover page with Dayflow, maps, disclaimer, contact info. Remove regional maps from most of the other pages
      3. Standardize Y-axis between seasonal reports (when it makes sense, e.g., Temperatures, zooplankton, chlorophyll)
      4. Make the font bigger
      5. Put it in “landscape” format and try to get all the graphs in a row.
      6. Consider making a “web version” with tabs/table of contents so you can navigate to your parameter of interest.
      7. Don’t add any trend lines, but consider adding lines for important events (like clams, POD, etc)
      8. Maybe put some more of the fish together in fewer pages.
   4. Rosie will send out another updated layout draft.
3. Review of draft graphs
   1. Water Quality
      1. Looks good
   2. Flow
      1. Looks good
   3. Zooplankton
      1. Do we keep the same x-axis as the fall report? It doesn’t look great, but it would facilitate comparison.
      2. Maybe try it both ways. If we do keep the white space, add annotation.
   4. Chlorophyll
      1. Looks good.
   5. DJFMP splittail or Yolo splittail ?
      1. Use DJFMP, but change the regions to better colors. Also, change the Y-axis and annotate the one really tall bar so you can see the short bars better.
   6. DJFMP Chinook or Yolo Chinook?
      1. Use DJFMP. Change regions.
   7. SKT Delta Smelt
      1. Looks good. No need for “recent trends”
   8. Bay Study Longfin Smelt
      1. Use the midwater trawl. Change the scale so 1982 doesn’t overwhelm it.
      2. Check in with the Bay study leads for their input
   9. Bay Study Sturgeon (do we want Green, White, or both?)
      1. Probably just white sturgeon, but it might not be very useful. Jason and Bos will work on different ways to show the data.
   10. Red Bluff Chinook
       1. Need update from John Franco.
4. Trend lines – over 70% of the IEP Workshop audience wanted trend lines do we do it?
   1. No. Maybe add lines for the POD to some of the fish graphs, but no trend lines.
5. Next steps
   1. Make edits to graphs (everyone) – by September 14th.
   2. Set up meeting with the experts on these surveys (Rosie) - sometime after September 14th
   3. Update format (Rosie)– by September 14th
   4. Final version – by September 30