



# Healthy Watersheds Partnership

## February 10, 2021 Meeting Notes

9:30 am – 11:30 am

**REMOTE ATTENDANCE ONLY**



Item	Time	Topic
1	9:30 am	<b>Welcome, Roll Call, Announcements &amp; Updates (Anna Holder)</b> <u>Notes:</u> <ul style="list-style-type: none"><li>• 93 meeting attendees</li></ul>
2	9:45 am	<b>Watershed Assessment and Dashboard Update (Anna Holder)</b> <u>Purpose:</u> To provide an update on the progress of the HWP watershed assessment and landscape assessment dashboard.  <u>Background:</u> Progress is based on the landscape assessment tool work plan, literature review, conceptual model and dataset discussions since the May 2019 HWP meeting.  <u>Notes:</u> <ul style="list-style-type: none"><li>• Anna provided a recap of what has been accomplished thus far, outlined next steps, and provided a live demo of the R Shiny Dashboard Structure.</li><li>• Discussion recommendations:<ul style="list-style-type: none"><li>○ Provide an ideal data structure or minimum data types/fields required to add data to the dashboard and instructions on how to submit data.</li><li>○ Develop a smaller Technical Advisory Committee (TAC) to discuss and make decisions about highly technical components of the dashboard (e.g. data and metric weighting options and recommendations).</li></ul></li><li>• Data recommendations:<ul style="list-style-type: none"><li>○ Ca Dept. Fish and Wildlife <a href="#">BIOS datasets</a></li><li>○ <a href="#">Sacramento River Watershed Program</a> Watershed Data Portal:</li><li>○ <a href="#">Battle Creek Watershed Data portal</a></li><li>○ <a href="#">Sacramento River Forum</a> (formerly Sacramento River Conservation Area Forum) datasets</li><li>○ Environmental and social justice datasets</li></ul></li></ul>

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2		<p><u>Action Items:</u></p> <ul style="list-style-type: none"> <li>• Anna: finish compiling core datasets, conduct a data disparity analysis, and develop code to link datasets and conduct the first draft of the analyses for HWP review. <ul style="list-style-type: none"> <li>○ All: If you are interested and able to dedicate some time to participating in a TAC, please email Anna (<a href="mailto:anna.holder@waterboards.ca.gov">anna.holder@waterboards.ca.gov</a>).</li> <li>○ All: Submit additional data and tool recommendations to: <a href="http://bit.ly/HWP_DataTools">http://bit.ly/HWP_DataTools</a>.</li> </ul> </li> </ul>
3	10:45 am	<p><b>Research and Data Gaps Discussion (Anna Holder)</b></p> <p><u>Purpose:</u> Discuss common research and data gaps the HWP would like help addressing.</p> <p><u>Background:</u> The gaps that are discussed will be posted on the <a href="#">HWP Research and Data Gaps webpage</a> so that parties interested in undertaking new research can be informed of what the HWP thinks is needed.</p> <p><u>Notes:</u></p> <ul style="list-style-type: none"> <li>• Research Gaps Discussed: <ul style="list-style-type: none"> <li>○ Relating environmental conditions to stressors; need more refined understanding of condition-stress relationships.</li> <li>○ Evaluation of the vulnerability of Category 1 water bodies to stressors, especially at larger spatial scales.</li> <li>○ Evaluation of the effectiveness of bond funded projects in improving watershed/environmental/system health.</li> <li>○ Understanding of how past fires impact watershed/environmental/system health. <ul style="list-style-type: none"> <li>▪ Potentially useful datasets: <ul style="list-style-type: none"> <li>• US Forest Service Timberlands data</li> <li>• Cal Fire datasets that display areas targeted for fuels reduction</li> </ul> </li> </ul> </li> <li>○ More refined understanding of surface water and groundwater relationships. <ul style="list-style-type: none"> <li>▪ Potentially useful datasets: <ul style="list-style-type: none"> <li>• The Nature Conservancy's Freshwater Species database, groundwater dependent ecosystems layer</li> </ul> </li> </ul> </li> <li>○ Knowledge gaps discussed during the 2nd Statewide Forest Meeting in early Feb.</li> </ul> </li> </ul>

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3		<ul style="list-style-type: none"> <li>• Data Gaps Discussed:               <ul style="list-style-type: none"> <li>○ Location of bond funded projects (ideally in the form of a point shapefile).                   <ul style="list-style-type: none"> <li>▪ Water Board Division of Water Quality may have some location information.</li> </ul> </li> <li>○ Location of Clean Water Act Section 401 Permit projects.                   <ul style="list-style-type: none"> <li>▪ Potentially useful datasets:                       <ul style="list-style-type: none"> <li>• EcoAtlas (formerly referred to as the California Watershed Projects Inventory or the Natural Resource Projects Inventory), although it may need to be updated</li> </ul> </li> </ul> </li> </ul> </li> </ul> <p><u>Action Items:</u></p> <ul style="list-style-type: none"> <li>• Anna: add all of the research and data gaps above to the <a href="#">Research and Data Gaps webpage</a>.</li> <li>• Anna to add the 2nd Statewide Forest Meeting Summary Report to the <a href="#">Relevant Literature webpage</a>.</li> <li>• All: Submit additional research and data gaps to: <a href="http://bit.ly/HWP_Gaps">http://bit.ly/HWP_Gaps</a>.</li> </ul>
4	11:00 am	<p><b>Brainstorm Future Meeting Ideas (Anna Holder)</b></p> <p><u>Purpose:</u> Brainstorm topics and speakers the HWP would like to hear about or discuss during future HWP meetings.</p> <p><u>Notes:</u></p> <ul style="list-style-type: none"> <li>• Speaker or Topic Ideas Discussed:               <ul style="list-style-type: none"> <li>○ US Forest Service work on watershed assessments and how they develop their forest service report cards</li> <li>○ Ca Dept. of Fish and Wildlife Cannabis and Instream Flow Unit update</li> <li>○ Ca Dept. of Fish and Wildlife California Monitoring and Assessment Program (CMAP) update</li> <li>○ Environmental and social justice-drinking water nexus</li> <li>○ Revitalization efforts in highly channelized systems</li> </ul> </li> </ul> <p><u>Action Items:</u></p> <ul style="list-style-type: none"> <li>• Anna: work on finding speakers to discuss the above topics during future HWP meetings</li> <li>• All: If you know of speakers or are interested in giving a presentation about HWP-related work you are doing, please email Anna (<a href="mailto:anna.holder@waterboards.ca.gov">anna.holder@waterboards.ca.gov</a>)</li> </ul>

<b>Item</b>	<b>Time</b>	<b>Topic</b>
<b>5</b>	<b>11:15 am</b>	<b>Wrap up (Anna Holder)</b> <u>Purpose:</u> Review action items, next steps.
<b>6</b>	<b>11:30 am</b>	<b>Adjourn</b>