

# 2023 Hydropower Environmental and Industry R&D Summit



## AGENDA | Tuesday, April 25, 2023

Hybrid | Online and in-person at the Argonne Conference Room, 955 L'Enfant Plaza, Washington, D.C.

All times are Eastern Time (ET)

8:30 – 8:55 a.m.	<b>Networking, Meet and Greet</b>
8:55 – 9:05 a.m.	<b>Welcome to the 2023 Hydropower Environmental and Industry R&amp;D Summit and Opening Remarks</b> <i>Speaker: Jenn Garson, Director, U.S. Department of Energy (DOE) Water Power Technologies Office (WPTO)</i> <i>Emcee: Maxine Hillman, DOE WPTO</i> <ul style="list-style-type: none"> <li>• Introduction to the Summit</li> </ul>
9:05 – 10:00 a.m.	<b>U.S. Department of Energy, Hydropower Program Overview</b> <i>Speakers: Corey Vezina, Dana McCoskey, and Charles Scaife, DOE WPTO; Alison Colotelo, Pacific Northwest National Laboratory (PNNL)</i> <ul style="list-style-type: none"> <li>• Hydropower Program overview <ul style="list-style-type: none"> <li>- Environmental R&amp;D activity area</li> <li>- Hydrological System Science activity area</li> </ul> </li> <li>• Update on the Hydropower Vision Roadmap</li> <li>• Brief overview on intersections with the Uncommon Dialogue efforts</li> </ul>
10:00 – 10:15 a.m.	<b>Break</b>
10:15 – 11:15 a.m.	<b>Industry, Agency, and NGO Roundtable: Current R&amp;D Needs and Priorities</b> <i>Speakers: Various, TBD</i> <ul style="list-style-type: none"> <li>• Roundtable, flash talk presentations from in-person attendees who will present 1-2 slides on top R&amp;D needs</li> </ul>
11:15 – 12:00 p.m.	<b>Interactive Session: Audience Perspectives on R&amp;D Needs and Priorities</b> <i>In-person facilitator: Kevin Duffy, PNNL</i> <i>Virtual facilitator: Shannon Bates, PNNL</i> <ul style="list-style-type: none"> <li>• Mural platform demo and best practices</li> <li>• Summary of learnings from previous Summits since 2017</li> <li>• Interactive Mural activity</li> </ul>
12:00 – 1:30 p.m.	<b>Lunch Offsite</b>

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<b>1:30 – 2:30 p.m.</b>	<b>Break-out Groups on Current R&amp;D Topics – Virtual and In-Person</b> <i>In-person emcee: Maxine Hillman, DOE WPTO</i> <i>Virtual emcees: Shannon Bates, PNNL, and Lauren Illing, DOE WPTO</i> <b>Break-out Sessions:</b> <ul style="list-style-type: none"><li>• Testing needs and centers</li><li>• Fish passage: Biological and environmental information needs and advancing technologies</li><li>• Water availability and quality: Past, present, and future</li><li>• New approaches to environmental data: Sensors, A.I., and real-time monitoring</li></ul>
<b>2:30 – 3:30 p.m.</b>	<b>Break-out Session Reporting</b> <ul style="list-style-type: none"><li>• Each break-out group lead will report results to the entire group (in-person and virtual reporting)</li></ul>
<b>3:30 – 3:45 p.m.</b>	<b>Networking Break</b>
<b>3:45 – 4:30 p.m.</b>	<b>Closing Session</b> <i>Speaker: Dana McCoskey, DOE WPTO</i> <ul style="list-style-type: none"><li>• Summary of issues and follow-up actions</li><li>• Closing comments</li></ul>