

WESTERN DREDGING ASSOCIATION PACIFIC CHAPTER

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South Pacific Division
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*“Delivering Bold Solutions to
Serve and Strengthen All
Communities”*



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US Army Corps
of Engineers®





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RESERVOIR SEDIMENT MANAGEMENT



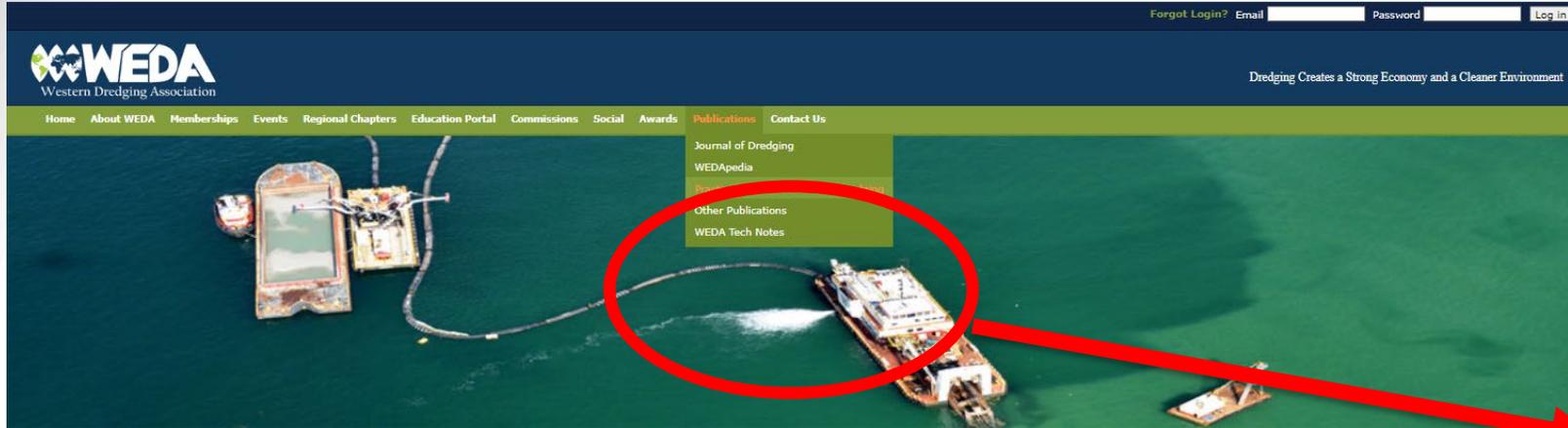
- Reservoirs capture and store water for multiple purposes such as flood risk reduction, hydropower, water supply, water conservation, and recreation.
- Reservoir impoundments are designed with a dead pool capacity to accommodate normal sedimentation over the design life of the structure.
- Capacity can be consumed by excessive sedimentation events or near the end of the design life of a project
- Sustainable reservoir management requires sediment removal





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WWW.WESTERNDREDGING.ORG



Upcoming Meetings & Webinars

Dredging Summit & Expo '23	Las Vegas, NV	July 17-20, 2023	Info.
2023 Eastern Chapter Meeting	Jacksonville, FL	Oct. 10-12, 2023	Info.
2023 Pacific Chapter Meeting	San Diego, CA	Oct. 25-27, 2023	Info.
2023 Gulf Coast Chapter Meeting	Galveston, TX	Nov. 6-8, 2023	Info.
CEDA Dredging Days	Rotterdam, NL	May 27-29, 2024	Info.

Short Courses

Dredging 101	Las Vegas, NV	July 17, 8 AM	Info.
Dredge Pumps Mechanical	Las Vegas, NV	July 17, 8 AM	Info.
Dredging 201	Las Vegas, NV	July 17, 1 PM	Info.
Soil Characteristics	Las Vegas, NV	July 17, 1 PM	Info.
Trailing Suction Hopper Dredger	Las Vegas, NV	July 18, 9:40 AM	Info.
Cutter Suction Dredger	Las Vegas, NV	July 19, 10 AM	Info.
Hydraulic Sand Fill	Las Vegas, NV	July 20, 8:30 AM	Info.

Recent Meetings, Webinars & News



WEDA Events Calendar

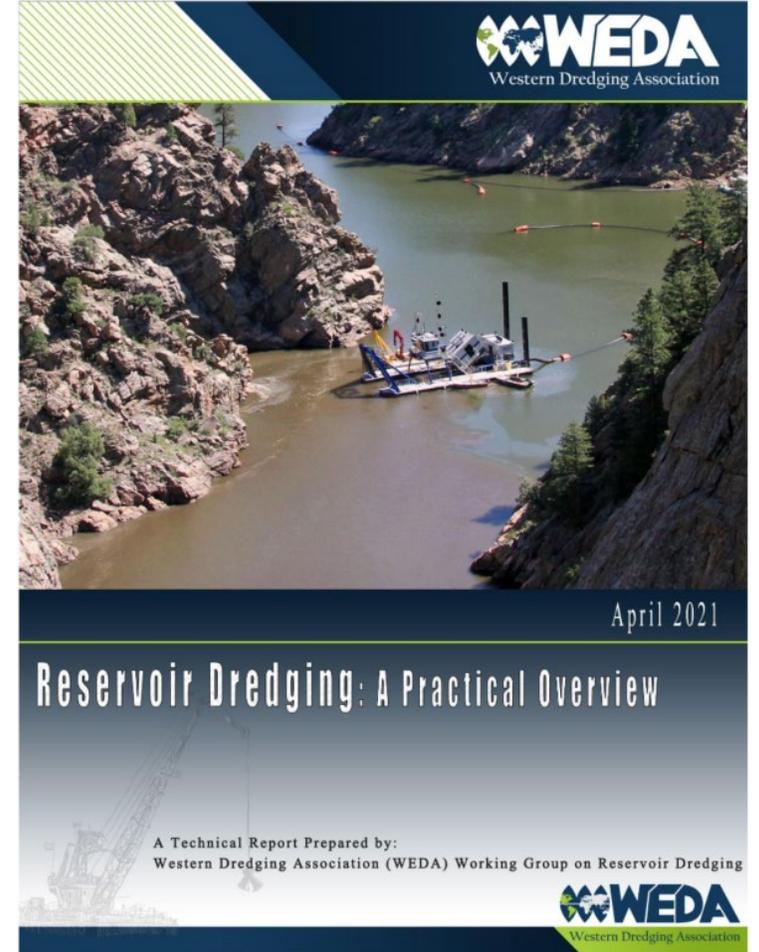
July 2023						
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2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

MEMBERSHIP
Join/Renew

Become a Member!

Join today and become a part of this growing worldwide industry!

- Member shall mean and refer to every person or entity that holds membership in WEDA, as provided for in the [Articles of Incorporation](#), and the [WEDA Bylaws](#).
- Student Member Student interested in and pursuing studies related to dredging (non-voting)



WEDA produced: "Reservoir Dredging: A Practical Overview" - 2020
WODA Working Group: "Reservoir Dredging Guidebook", targeted for 2025



USACE - SOUTH PACIFIC DIVISION RESERVOIRS

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- ❑ 46 USACE dams/reservoirs
- ❑ 3 debris dams
- ❑ 15.3M acre feet of flood storage
- ❑ 42 section 7 dams/reservoirs



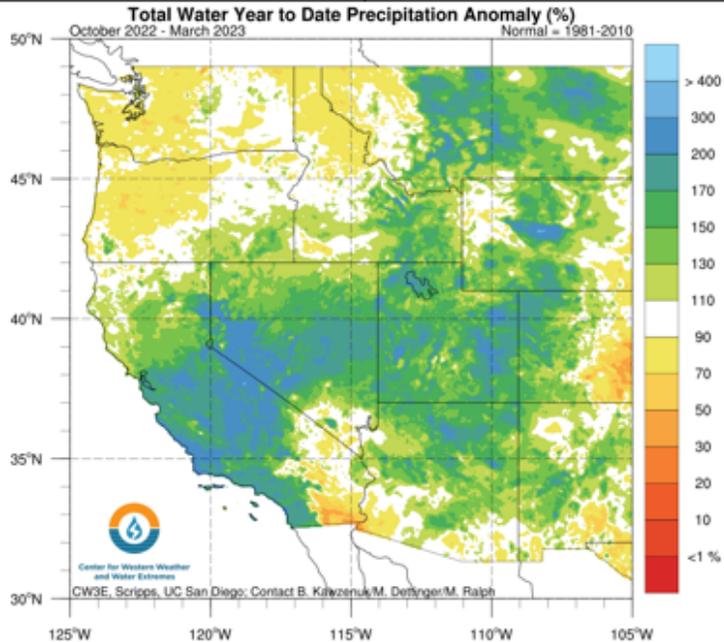
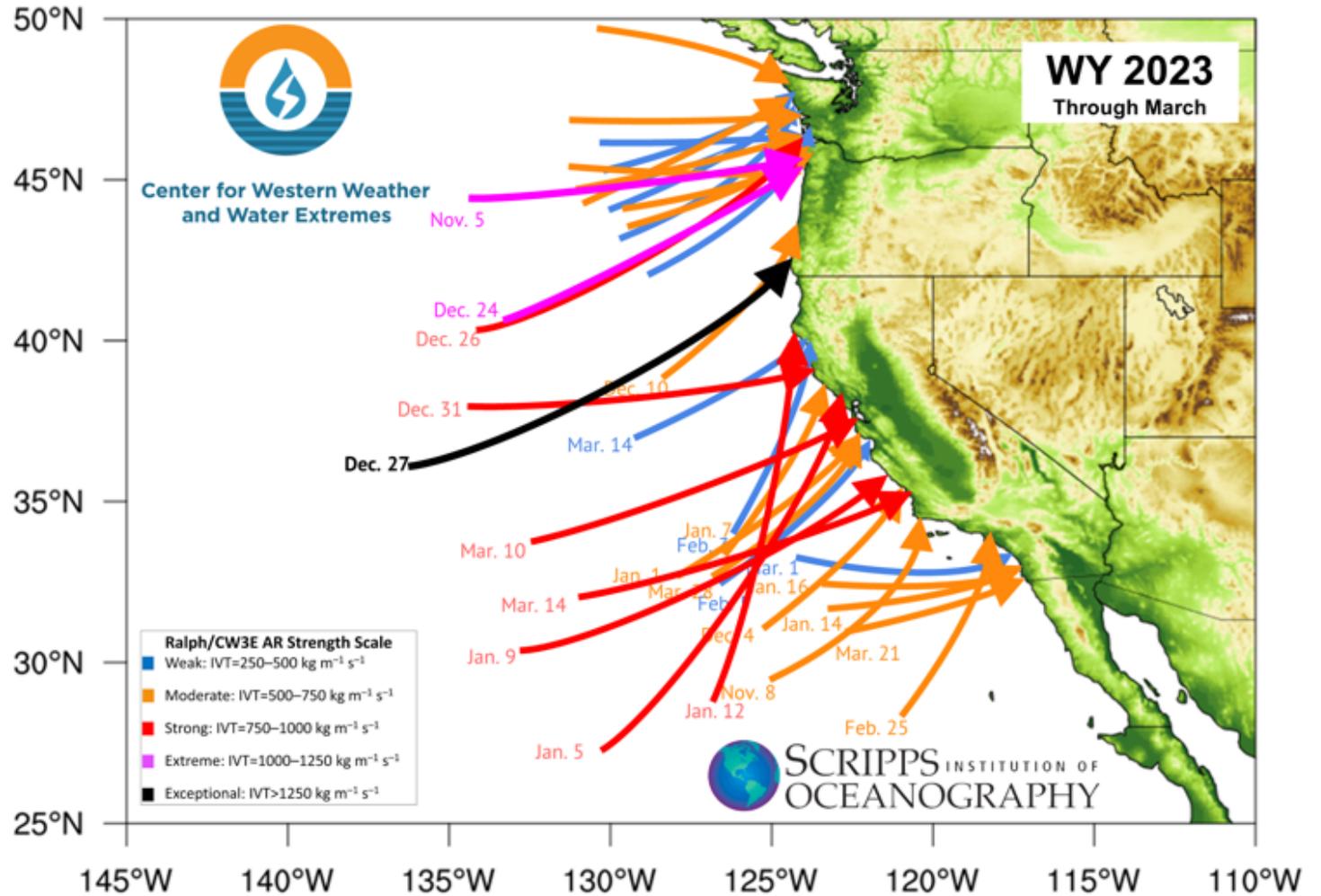
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WY2023 ATMOSPHERIC RIVERS



Breakdown by Strength	
Strength	Number of ARs
Weak	11
Moderate	13
Strong	6
Extreme	1
Exceptional	0
Total	31

31 atmospheric rivers impacted California between October 1st 2022 and March 31st 2023



Data courtesy: PRISM Climate Group, Oregon State University, <http://prism.oregonstate.edu>



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SUCCESS LAKE – SCHAFER DAM

