



**Seminar: Sustainable Sediment Management and Dredging**  
US Army Corps of Engineers West Region  
San Francisco Bay Model Visitors Center  
Sausalito, CA  
March 6 - 8, 2019

**Meeting Goals:**

- Share information about best practice for dredging and sediment management;
- Identify specific challenges and opportunities related to advancing practice and delivering the dredging program;
- Identify follow-on actions to address priority needs and opportunities.

**Wednesday 6 March**

- 0730-0800 Registration/Networking/Coffee/Seating
- 0800-0815 Welcome – *Commander's Welcome*
- 0815-0830 Welcome and High Points – *Meg Gaffney Smith*
- 0830-0845 Overview of the USACE SPN Dredging Program – *Stu Townsley*
- 0845-0900 Introductions, Agenda, Logistics – *Burton Suedel & Janice Miller*

**Session: Overview of District Challenges and Opportunities**

- 0900-0910 Los Angeles District – *TBD*
- 0910-0920 San Francisco District – *TBD*
- 0920-0930 Portland District – *TBD*
- 0930-0940 Seattle District – *TBD*
- 0940-0950 Alaska District – *TBD*
- 0950-1000 Honolulu District – *TBD*

1000-1015 **BREAK (Snacks, Coffee and Soft Drinks Provided with \$5 Voluntary Contribution)**

**Session: Overview of Goals, Opportunities, and Dredging**

- 1015-1045 Engineering With Nature® (EWN®): Opportunities and Challenges – *Todd Bridges*
- 1045-1115 Regional Sediment Management: Opportunities and Challenges – *Katie Brutsche*
- 1115-1200 **Group Discussion: Identifying Challenges, Needs and Opportunities**
- 1200-1300 **LUNCH on your own**



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**Wednesday 6 March (Cont'd.)**

**Session: Policies and Authorities**

- 1300-1330 Federal Standard Defined (33 CFR 335.7) – *Joe Wilson*
- 1330-1345 Discussion
- 1345-1400 Federal standard and Beneficial Use – *Joe Wilson*
- 1400-1415 Discussion
- 1415-1445 Federal standard, CWA, CZMA, ESA and EFH compliance, and Monitoring – *Joe Wilson*
- 1445-1500 Discussion
  
- 1500-1515 **BREAK**

**Session: Project Scoping**

- 1515-1545 Project Formulation – *David Moore*
- 1545-1615 Sampling and Analysis – *David Moore*

**Session: Sediment Assessment**

*Establishing suitability of DM for placement/disposal options*

- 1615-1645 Chemical/Physical Characterization – *Dan Farrar*
- 1645-1715 **Group Discussion: Identifying Challenges, Needs and Opportunities**
- 1715 Adjourn - End of Day 1

**Thursday 7 March**

- 0800-0820 Networking/Coffee/Seating
- 0820-0830 Review Agenda, Logistics – *Burton Suedel & Janice Miller*



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- 0830-0940 Biological Assessment: Toxicity and Bioaccumulation - *Al Kennedy/Dan Farrar/Gui Lotufo*
- 0940-1010 Physical/Chemical Assessment for Upland BU and Disposal– *Susan Bailey*
- 1010-1030 Toxicity and Bioaccumulation for Upland BU and Disposal – *Gui Lotufo*
- 1030-1045 **BREAK**
- 1045-1115 Decision Making: Using Lines and Weight of Evidence - *David Moore*

**Session: Sediment Management**

- 1115-1145 Sustainable Dredged Material Management – *Don Hayes*
- 1145-1200 Q&A
- 1200-1300 **LUNCH on your own**
- 1300-1330 Engineering and Operational Controls - *Paul Schroeder*
- 1330-1345 Q&A
- 1345-1415 **Group Discussion: Identifying Challenges, Needs, Opportunities**
- 1415-1445 Environmental Work Windows as a Management Practice – *Burton Suedel*
- 1445-1515 Beneficial Use of Dredged Material: Successes and Challenges – *Burton Suedel*
- 1515-1600 **Group Discussion: Identifying Challenges, Needs, Opportunities**
- 1600 Adjourn - End of Day 2

**Optional Dinner      TBD**



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**Friday 8 March**

- 0800-0820     Networking/Coffee/Seating
- 0820-0830     Review Agenda, Logistics – *Burton Suedel & Janice Miller*

**Session: Tools for Beneficial Use – Dredging Programs**

- 0830-0845     Dredging Operations Environmental Research (DOER) Program: Leveraging Opportunities with R&D – *Todd Bridges*
- 0845-0900     Dredging Operations Technical Support (DOTS) Program – *Burton Suedel*
- 0900-0915     Regional Sediment Management Program (RSM) – *Katie Brutsche*

**Session: Tools for Beneficial Use**

- 0915-1030     Thin Layer Placement Guidance – *Tim Welp*
- 1030-1100     **BREAK**
- 1100-1200     Strategic Placement of Dredged Material – *Joe Gailani*
- 1200-1300     **LUNCH on your own**

**Dredged Material Tools**

- 1300-1330     CE-Dredge Decision Support Tool (DST; via webinar) – *Safra Altman*
- 1330-1400     Dredged Material Management Decisions (D2M2; via webinar) - *Matthew Bates*
- 1400-1430     Short-term Fate (STFATE) Model - *Paul Schroeder/Don Hayes*
- 1430-1500     Channel Shoaling Analysis Tool (CSAT; via webinar) - *Lauren Dunkin*

**Special Topic/Horizon Issues**

- 1500-1530     Underwater Sound - *Burton Suedel*
- 1530-1600     PFAS – *David Moore*
- 1600-1700     **Group Discussion: Defining Next Steps**
- 1700             Adjourn