

SUSTAINABLE REMEDIATION FORUM



Charging into the New Year Amped Up!

Charging: When a surfer is really giving it all and putting on a show.

Amped: Excited or stoked before, during, or after a surf session.

Happy New Year! There's a lot going on so let's get right to it...

January: VOTE!

Make your voice heard! SURF members can now vote for candidates nominated for the three open positions on the 2024-2025 SURF Board of Trustees. Voting will occur via the Member Portal on the SURF website. For details and the voting link, see Upcoming Events.

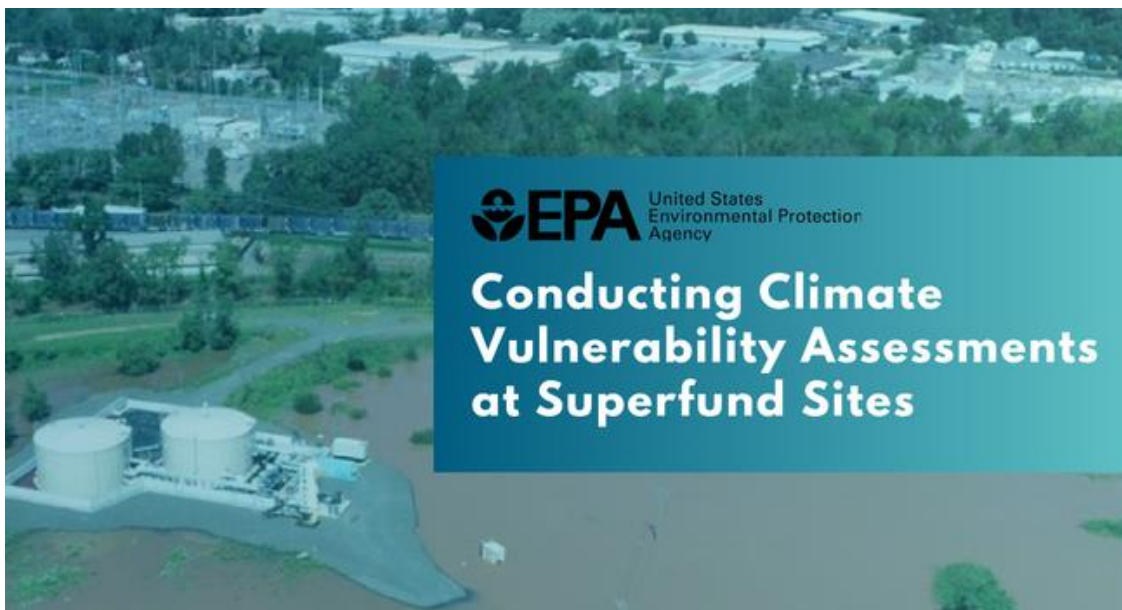
February: Leap Day Happy Hour

Leap into the New Year with a Leap Day Happy Hour! Join fellow SURF members for a virtual happy hour on February 29 at 4 p.m. PDT (5 p.m. MDT

and 7 p.m. EDT). This networking event is for SURF members only. Future events will be scheduled to favor SURF members in Eastern time zone locales. Link coming soon!

March: SURF Activities at AEHS West Coast Conference

During the AEHS (Association for Environmental Health and Sciences Foundation) West Coast Conference, SURF is chairing a technical session (six presentations!), holding a SURF meeting (open to all attendees), and hosting a happy hour sponsored by ecoSPEARS (also open to all attendees). For details, see Upcoming Events.



Dive In! Lessons Learned from Climate Vulnerability Assessments

So often in the field of sustainable remediation, we are reminded of the importance of documenting methods, metrics, and results. But what about lessons learned? Documenting – and sharing – lessons learned is imperative to avoid repeating mistakes and create best practices. In November 2023, the U.S. Environmental Protection Agency (EPA) published *Conducting Climate Vulnerability Assessments at Superfund Sites* (click [here](#) to access). The 22-

page document introduces a six-step process for conducting climate vulnerability assessments based on lessons learned at Superfund sites.



Did You Know? EPA Publishes New Estimates for SC-GHG

In November 2023, the EPA published *Report on the Social Cost of Greenhouse Gases: Estimates Incorporating Recent Scientific Advances* (click [here](#) to access). In the report, the EPA presents a set of estimates of the social cost of greenhouse gases (SC-GHG). The SC-GHG is defined as “the monetary value of the net harm to society from emitting a metric ton of that GHG into the atmosphere in a given year” and, conversely, “the societal net benefit of reducing emissions of the GHG by a metric ton.” According to Rachel Frazin of *The Hill*, “the new estimate nearly quadruples the estimated cost of carbon dioxide to the world.” See Table 5-1 (page 106) of the report for a summary of the methodological updates that were made. Click [here](#) to replicate the estimation process used in the report.

Upcoming Events

SURF Events

VOTE!

2024 SURF Board of Trustees

January 15 – January 31, 2024 at midnight EDT

If a run-off is needed due to a tie, a second voting period will occur from February 2-9, 2024.

Click [here](#) to log into the Member Portal and vote.

Existing SURF members: You should have received an email on or about December 22, 2023 prompting you to set up a new password on the Portal. (If you received a renewal notice via email with a link to ClubExpress, please disregard.) Can't find the December email? The email address you used when signing up as a SURF member is your username. Input it, click "Forgot Password?", and follow instructions to complete login.

Leap Day Happy Hour

Virtual – For SURF Members Only

February 29, 2024

4 p.m. PDT (5 p.m. MDT and 7 p.m. EDT)

Future events will be scheduled to favor SURF members in Eastern time zone locales.

Link coming soon!

Webinars

ITRC Webinar: Sustainable Resilient Remediation

Tuesday, March 26, 2024

1:00 p.m. – 3:15 p.m. EDT

Click [here](#) for more information or to register.

Conferences

AEHS West Coast Conference: 33rd Annual International Conference On Soil, Water, Energy, And Air

March 18 - 21, 2024

San Diego, California

Click [here](#) for more information or to register.

SURF Involvement at 33rd Annual International Conference on Soil, Water, Energy, and Air

SURF Session: Sustainable Remediation

Tuesday, March 19, 2024

8:30 a.m. – 12 p.m. PST

- *Closed Loop PFAS Treatment: Separation, Concentration, Destruction*
- *Leveraging More Effective, Safer ISCO by Non-Extreme Persulfate Activation to Yield Sustained Secondary Treatment*
- *Restoring Brownfields with Enhanced Phytoremediation: Case Studies of Successful Installations*
- *Sustainability in Groundwater Remediation*
- *Pushing Beyond Limits, Engineered Phytoremediation Provides Cost-Effective, Nature Based, Sustainable Remediation Alternative*
- *Leading Programmatic Sustainable Remediation: Standard Process Implementation and Lessons Learned*

SURF Membership Meeting

Thursday, March 21, 2024

3:30 p.m. – 5 p.m. PST

- *Agenda Pending*

SURF Happy Hour

Thursday, March 21, 2024

After the SURF Meeting

- *Sponsored by ecoSPEARS*
- *Time/Location TBD*