

# AMERICAN SOCIETY OF RECLAMATION SCIENCES 2025 ANNUAL MEETING CALL FOR ABSTRACTS/PAPERS



## **ASRS 2025 Call for Abstracts and Papers**

The 42<sup>nd</sup> Annual Meeting of the American Society of Reclamation Sciences (formerly the American Society of Mining & Reclamation) will provide an amazing opportunity for your company or organization to interface with reclamation professionals and those who influence decisions about the purchase of products and services for the mining and reclamation industry.

For the first time, the 2025 Annual Meeting will be held in Butte, Montana. Butte is one of the largest Superfund Area in the US and has a storied history of mining and reclamation. The host venue this year will be the Copper King Hotel (https://copperkinghotel.com/).



We will have multiple concurrent technical sessions that will consist of three, 30-minute presentations of a variety of technical topics, see the example topics below.

## 2025 Schedule Snapshot

### A quick snapshot of what the Annual Meeting will include:

#### Sunday, June 1st

- Tour of Montana Resources Butte Operations, the Berkeley Pit, and finishing at the Headframe Distillery near the Kelley Mine.
  - The technical tour is being hosted by Montana Resources, of the Washington Corporations.
  - Headframe Distillery will host a tour of their facility.
- Vendor/Exhibit Hall Move In.
- Ice Breaker social will be held the evening.

### Monday, June 2nd

- Keynote and ASRS Speakers, TBD, will kick things off in the morning.
- Annual ASRS Awards and Business Meeting Luncheon Banquet.
- Afternoon Technical Sessions
- Evening Social Event, featuring drinks and hors d'oeuvres, will be held at the Butte Depot.

#### Tuesday, June 3rd

- Technical Sessions All Day
- Student Poster Social in the evening

#### Wednesday, June 4th

- Technical Sessions All Day
- Student Awards Luncheon with speaker.
- Student/Early Career Professional (ECP) Social Event will be held in the evening at the Montana Tech Student Success Center.

#### Thursday, June 5th

• Several additional tours will be offered both reclamation and cultural. A couple of options are: Anaconda Smelter/Old Works Golf Course Redevelopment and Warm Springs Ponds/Birding Tour.

## **Venue – Copper King Hotel**

## Welcome to Modern Mountain Luxury – Experience the Hidden Gem of Butte, Montana

#### **Rooms and Amenities**

The <u>Copper King Hotel</u> may be in a small town, but we feature luxury "resort town" amenities. Montana's Rib and Chop House is on-site, as well as Flawless Medical Spa. We have an indoor pool, hot tub and sauna, fitness facility and beautiful outdoor patio space with a firepit.







## **2025 Conference Planning Committee**

Dustin Wasley, ASRS Annual Meeting Chair | Haley & Aldrich Dr. Steve Dent, ASRS Annual Meeting Co-Chair | CDM Smith

- Susie Anderson | Montana Tech
- Tony Wesche | Pioneer Technical Services
- Kennet Bertelsen | Haley & Aldrich
- Terry Biere | Pioneer Technical Services
- Devin Clary | Washington Corporations
- Stephen Coe | Water Environmental Technologies
- Jo Combo | Haley & Aldrich
- Kelsea Green | Bio Most
- John Haney | Haley & Aldrich

- Stacey Hellekson | Woodard & Curran
- Bill Henne | Haley & Aldrich
- Andrew Hess | Olympus Technical Services
- Kevin Houck | Haley & Aldrich
- Chris Norman | Pace Analytical
- Brenda Schladweiler | BKS Environmental Associates
- Ed Spotts | KC Harvey
- Nick Tucci | Haley & Aldrich
- Marty Bennett | Pioneer Technical Services

# **Call for Abstracts and Papers**

This conference will focus on, but will not be limited to, the technical areas identified below and will provide a forum for the dissemination of information through presentation of research findings, field tours, workshops, and open technical discussion of public policy relating to mining, reclamation, restoration, reforestation, and land management issues. If you are interested in moderating and organizing a session, please reach out to Dustin Wasley at <a href="mailto:DWasley@haleyaldrich.com">DWasley@haleyaldrich.com</a> or Dr. Steve Dent at <a href="mailto:dentation.dentation">dentation</a> or Dr. Steve Dent at <a href="mailto:dentation">dentation</a> or dentation of information through presentation of research findings, field tours, workshops, and open technical discussion of public policy relating to mining, reclamation, restoration, reforestation, and land management issues. If you are interested in moderating and organizing a session, please reach out to Dustin Wasley at <a href="mailto:DWasley@haleyaldrich.com">DWasley@haleyaldrich.com</a> or Dr. Steve Dent at <a href="mailto:dentation">dentation</a> or dentation denta

## **2025 Technical Session Topic Examples**

A 250- to 300-word abstract should be submitted for consideration within the Technical Divisions (Soil, Water, Vegetation, Wildlife, Technology, and Engineering/Construction) and example Technical Session Topics, listed below (see Submitting an Abstract/Paper below):

- Abandoned Mine Lands and the Bipartisan Infrastructure Law (BIL)
- Climate Changes (designing resilient solutions for an ever-changing climate; others)
- Cover Systems
- Educational Outreach (Using projects as learning/recruitment tools)
  - 40 years of reclamation in the Clark Fork River
  - Other focus areas
- Geochemistry Session (ARD/AMD/Risk Assessment)
- Geomorphic Landform Reclamation
- Importance of Early Outreach with the Community and Stakeholders
- Mercury in the Environment
- New Federal Lead Rule (Challenges and Implications)
- PFAS/PFOA (any other emerging contaminants)
- Rare Earths, Critical Minerals, and Resource Recovery
- Reclamation Innovations

- Reclamation Across Rocky Mtn Region
  - Historic Mining Districts
  - Northwest Montana/Butte Mining Cleanup
  - Clark Fork River
- Reclamation Planning starts at Baseline
- Regulatory Changes on the Horizon (Waters of the US; other future unknowns)
- Sediment/Soil Amendments
- Seeding and Revegetation
- Selenium Issues (Elk River Valley/Phosphate Patch)
- Stream/River Restoration
- Technology
  - AI/GIS/Mapping
  - Drones/UAVs
- Urban Reclamation/Restoration
- Water Treatment
  - Active
  - Passive
  - Wetlands

# **Submitting an Abstract/Paper**

Submit your abstract electronically for oral or poster presentation by February 14, 2025 using at <a href="https://www.asrs.us/2025-conference/call-for-abstracts/">https://www.asrs.us/2025-conference/call-for-abstracts/</a> or by emailing the attached form to <a href="mailto:abstracts@asrs.us">abstracts@asrs.us</a>.

Abstracts will be reviewed for scientific content and relationship to the Technical Divisions and Conference Topics.

#### **ABSTRACT EXAMPLE**

The Use of Spectral Reflectance as a Reclamation Tool<sup>1</sup>
A.J. Smith<sup>2</sup>, B.C. Jones, and C.D. Doe

Abstract: Detailed abstracts are limited to 250 to 300 words and should provide statement of the problem, methods and materials, experimental design, major results, and conclusions. The language of the Symposium is English. The title of your abstract should be short and descriptive. Indicate the presenter by an asterisk after their name. The text of your abstract should use 12-point font, Times Roman preferred. The margins of the text should be 1 inch on all sides. Units of measure are to be expressed in SI Units, such as g m-2 (grams per square meter), mmols kg-2 (millimole per kilogram). Non-SI Units and English units are to be avoided. The use of color graphics and electronic images is acceptable. Please indicate the Technical Session in which you think your paper should be considered from the list on the submission page. Identify additional key words. Indicate title and organization for each author.

Additional Key Words: Listing of those not in the title.

- <sup>1</sup> Oral (or Poster) paper presented at the 2016 National Meeting of the American Society of Mining and Reclamation, Spokane, WA: Reclaiming the West, June 4 9, 2016. Published by ASMR; 1305 Weathervane Dr., Champaign, IL 61821.
- <sup>2</sup> Allen J. Smith, Professor, Plant and Soil Sciences, University of Kentucky, Lexington, KY 40546; Barbara C. Jones, Ecotoxicologist and Certified Associate Wildlife Biologist, Altec, Georgetown, KY, 40552; and Charles D. Doe, General Electric, Cincinnati, OH, 42345.

Abstracts are to be sent electronically to abstracts@asrs.us along with the completed submission form.

If you have questions or need more information, please contact:

**Dustin Wasley, PE | Haley & Aldrich** 2025 Annual Meeting Chair dwasley@haleyaldrich.com

**Dr. Stephen Dent | CDM Smith** 2025 Annual Meeting Co-Chair dentsr@cdmsmith.com

Jo Combo | Haley & Aldrich ASRS 2025 Conference Committee jcombo@haleyaldrich.com

## **ABSTRACT/PAPER SUBMISSION FORM**

Name of Corresponding Autho	or(s):	
Agency / Company / Instututic	on:	
Address:		
City, State, Zip:		
		Email:
		Submit this Form and Abstract to abstracts@asrs.us.
Student*	, ,	
Yes	No	
Presentation Format** Oral	Poster	
Presentation Type		
Research Paper Case Study		Demonstration Project Other
Submitting a Paper for <i>Reclan</i>	nation Sciences Io	urnal
Yes	nation sciences to	No
If yes, please contact Reclama	tion Sciences edito	or, Natalie Kruse Daniels for specifics: <u>reclamationsciences@asrs.us</u>
Allow presentation to be post	ted to ASRS.us?)	
Yes		No
ASRS Technical Divisions (top	2 that fits your pr	resentation)
Soil		Water
Vegetation		Wildlife
Technology		Engineering/Construction

<sup>\*</sup> ASRS Student members who are presenting a paper may be eligible for a Student Travel Grant and/or to compete for cash awards in the Student Presentation Competition. See the <u>ASRS.US website</u> for details.

<sup>\*\*</sup> Oral presentations will be in 30 min. time slots, posters need to be 4 x 6 ft or less.

