

# 36th Annual CASFM Conference

## 2025 Program



*Fall in Steamboat Springs Colorado /Teri / Adobe Stock*

**September 23-26, 2025**

Steamboat Grand  
2300 Mt. Werner Circle  
Steamboat Springs, CO 80487  
[www.steamboatgrand.com](http://www.steamboatgrand.com)





# WELCOME!

## WELCOME TO THE 36TH ANNUAL CASFM CONFERENCE!

We are thrilled to welcome you to **Steamboat Springs, Colorado, for the 2025 CASFM Annual Conference** at the beautiful Steamboat Grand. This year's theme is centered on Innovation as we continue our mission to connect and empower professionals who protect Colorado's watersheds and floodplains. Whether you're a longtime member or attending for the first time, we hope you'll find inspiration, knowledge, and camaraderie in every session, workshop, and conversation.

Your CASFM Conference Committee has worked hard to build a dynamic and engaging program. We kick off the week with the annual **Golf Tournament at Haymaker Golf Course**—one of Colorado's top public courses—and also have a variety of workshops, including:

- **SCM Design Office Hours: Greatest Hits**
- **Everything Abutments All at Once**
- **Fluvial Hazard Mapping for Stream Management**
- **Color Code Interpersonal Skills Workshop**

If you don't participate in any activities Tuesday afternoon, you'll still want to drive up in time to make the **Icebreaker Social** in the **Champagne Powder Room from 6:30–9:30**. Take the Gondola...trust me it's awesome!

On Wednesday we officially open the conference with keynote speaker **Brad Montgomery**, whose session on **"The Undeniable, Jaw-Dropping Power of Encouragement"** promises to be both hilarious and deeply impactful. On Thursday, we welcome **Susan Frew**, a nationally recognized AI thought leader, to share practical insights on how artificial intelligence is transforming industries—including ours. She's also leading an AI workshop following her presentation. Fun fact – to get into the spirit of innovation, I used AI to assist in the writing of this letter, and we think it came together beautifully!

Throughout the week, you'll find a rich mix of technical sessions, including tracks on modeling, stormwater quality, risk and resilience, and creative problem-solving. We're also bringing back popular features like **CASFM InsTED Talks**, **yoga sessions**, and the **Silent Auction**, which supports scholarships for future waterway professionals.

Thursday evening's banquet dinner will be followed by **Game Night** and networking, and Friday wraps up with a **field trip, mountain biking** (with lift access!), and two standout workshops:

- **GLO Workshop: Redefining Community Outreach**
- **Implementing Low-Tech Process-Based Restoration at Scale**

This year's conference is more than just a gathering—it's a celebration of the work we do and the people who make it possible. Recent flooding events in Texas and across the country remind us of the urgency and importance of our mission. Floodplain managers are not just engineers and planners—we are stewards of resilience, advocates for safety, and champions of sustainable communities.

Thank you to all the volunteers, presenters, and sponsors who make this event possible. Your dedication helps us keep registration costs low, offer generous scholarships, and deliver a conference that balances technical excellence with meaningful connection.

I look forward to reconnecting with friends and building new relationships in Steamboat Springs—this year and next. That's right, we'll be back in 2026 so mark your calendars...so many gondola opportunities!



Warm regards,

Jason Messamer  
Conference Chair





# ACCESS THE CONFERENCE APP

We're excited to have you join us for the 2025 CASFM Annual Conference! It's time to log in to the Eventify app and set up your networking profile. If you've already downloaded and logged in, simply search for "2025 CASFM Annual Conference" in the app and add it to your events.

## MOBILE APP INSTRUCTIONS



### STEP 1: DOWNLOAD THE EVENTIFY APP

- Go to your phone's App Store.
- Search for "**Eventify**."
- Download and install the app.



### STEP 2: FIND THE CASFM 2025 CONFERENCE

- Once downloaded, open the app.
- Search for **CASFM** and select **2025 Annual Conference**.

### STEP 3: LOG IN

- Click Login and use the **same email address** you used to register for the conference.
- Accept the Terms & Conditions and click Continue.
- Enter the passcode that is sent to your email.

### STEP 4: EXPLORE CONFERENCE CONTENT

- Schedule – See session times, speakers, and room assignments.
- Speakers – View bios and presentations.
- Sponsors – Learn about our partners.
- Social, Gallery, Messages – See what others are saying.
- Attendees – Network with fellow participants.
- Notifications – Watch for live updates from organizers.



# LEADERSHIP & VOLUNTEERS

## 2025 CASFM CONFERENCE TEAM



**Jason Messamer**  
Committee Chair  
Colorado Springs  
Utilities



**Shea Thomas**  
Executive  
Administrator  
Providence Consulting



**Sarah Houghland**  
Facilities  
Coordinator  
Michael Baker



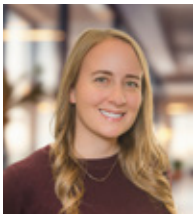
**Emily Villines**  
Program  
Co-Coordinator  
Calibre Engineering



**Christin Shepherd**  
Program  
Co-Coordinator  
MHFD



**Selena Klosowski**  
Silent Auction  
City & County of  
Denver



**Wendy Smith**  
Graphic Design  
Calibre Engineering



**Michelle Danaher**  
Sponsors  
Coordinator  
Olsson



**Jeff Battiste**  
Project Award  
Coordinator  
MHFD



**Saman Mehdi**  
Registration Desk  
AtkinsRéalis



**John Loranger**  
Golf Tournament  
WSP



**Drew Roberts**  
Mountain Bike Tour  
MHFD

## 2025 BOARD OF DIRECTORS

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Dewberry



### Vice Chair

**JEN WINTERS**  
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### SE Region

**JORDAN BECKER**  
Matrix Design Group



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Michael Baker



### Metro Region

**MELANIE WALTER**  
City of Arvada





# HOTEL ACCOMMODATIONS & DETAILS

## CONFERENCE DETAILS & ACCOMMODATIONS

### CONFERENCE CANCELLATION

Canceled registrations will be refunded in full, minus credit card fees, through August 29, 2025. Registrations canceled between August 29, 2025 and September 14, 2025 will receive a 50% refund minus credit card fees.

Cancellations made after September 14, 2024 will not be refunded.

Cancellations must be made by contacting Shea Thomas at [sheathomas888@gmail.com](mailto:sheathomas888@gmail.com).

If you cancel your registration, remember to call your hotel to cancel your hotel accommodations.

### ADDITIONAL MEALS

The Conference Fee includes all meals listed above in the Basic Conference Fees Section. Meal tickets do not need to be purchased for the registered conference attendee.

If desired, extra meal tickets may be purchased for the attendee's guest (spouse, children, etc.) by checking the appropriate boxes in this section of the online registration form.

Wednesday Lunch | \$50  
Thursday Lunch | \$30  
Thursday Dinner | \$75

## HOTEL ACCOMMODATION & DETAILS

<b>Number of rooms in block:</b>	230
<b>Standard room rate:</b>	\$151
<b>Booking process:</b>	<a href="#">Conference block link</a> or call 877-269-2628 and mention "Annual CASFM Conference 2025"
<b>Available dates:</b>	Monday, September 22 through Friday, September 26
<b>Cutoff date:</b>	September 1st
<b>Resort fee:</b>	7%
<b>Parking fee:</b>	Free in Ski Time Square
<b>Check-in/Check-out:</b>	4:00 pm/11:00 am
<b>Deposit:</b>	One night at time of booking; final payment due 7 days prior to arrival
<b>Cancellation policy:</b>	Guests may cancel up to 48 hours prior to arrival with loss of a \$25 deposit. Cancellations within 48 hours are non-refundable.
<b>In-room wifi:</b>	Complimentary
<b>Other notes:</b>	Late checkout charged \$25 per additional hour.



### STEAMBOAT GRAND

2300 Mt. Werner Circle  
Steamboat Springs, CO 80487

[www.steamboatgrand.com](http://www.steamboatgrand.com)

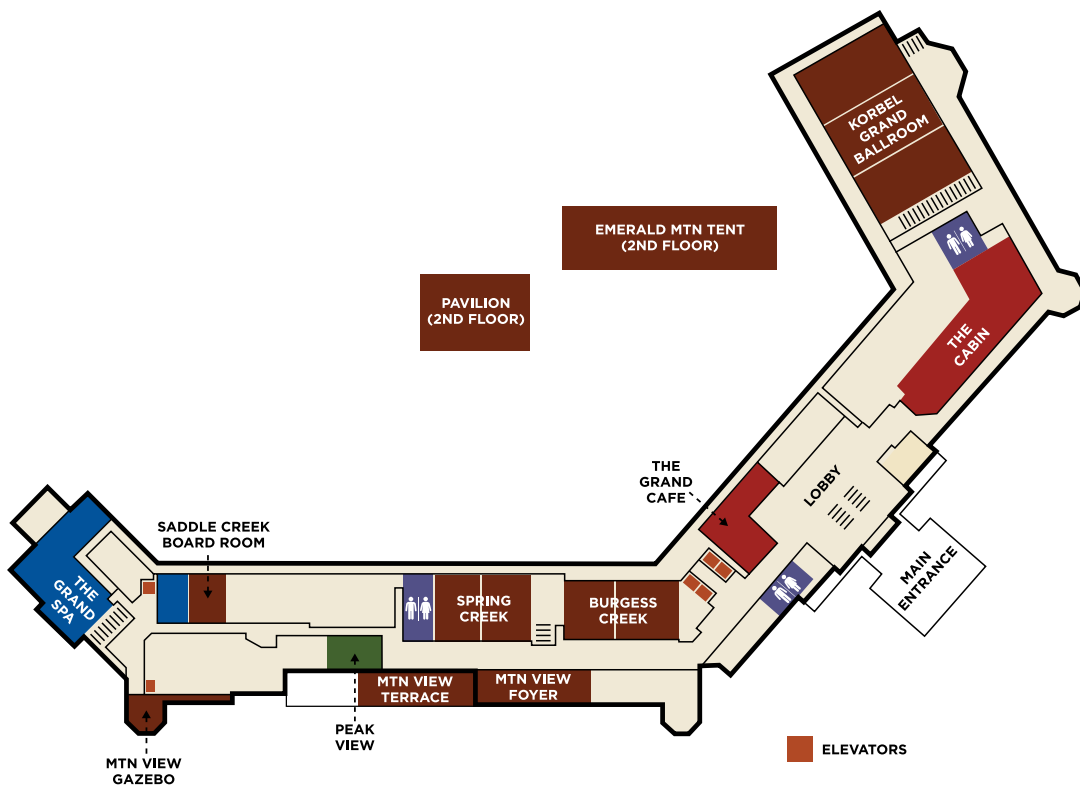


# LODGING MAP & CONFERENCE CENTER

## AREA MAP



## CONFERENCE ROOM LAYOUT





# SPEAKERS

## KEYNOTE



### BRAD MONTGOMERY

#### THE UNDENIABLE, JAW-DROPPING POWER OF ENCOURAGEMENT

*The Business Strategy You Cannot Afford To Ignore*

Your people are your most valuable resource. It's time to invest in them now. Encouragement is the best place to start because it's free, it's easy, it's underused, and it's proven.

Organizational benefits include increased performance, job satisfaction, loyalty, recruitment, retention and productivity.

Picture a workplace where everyone feels valued and significant, where loyalty and job satisfaction reach unprecedented heights, and productivity flourishes. Achieving this is attainable by emphasizing the positive impact of encouragement among your team. In today's high-performance business environments, fostering loyalty, trust, and unwavering commitment is essential. Encouragement serves as a catalyst, driving innovation, turning challenges into opportunities, and setbacks into pathways for growth.

Brad Montgomery is a proven, award-winning business keynoter who makes this program come to life. Not only is Brad really funny (he got his start as a professional comedian and magician), but he uses story and humor to illustrate ways to improve our ability to harness encouragement to improve ourselves and those people around us.

## FEATURED SPEAKER



### SUSAN FREW, CSP

#### COMPETE ON AWESOME

*Cutting Edge AI Insights*

Susan Frew brings a cutting-edge perspective to AI, backed by over 2,500 hours of training and hands-on experience as both a professional speaker and home services entrepreneur. Known for her direct, impactful style, Susan engages diverse audiences—from blue-collar professionals to top executives—demonstrating how to harness AI for real-world success. Her practical approach and deep expertise position her as a true "Super User of AI" and a pioneering force in making AI accessible and effective across industries.

Named an AI Thought Leader by LinkedIn Asia, Susan Frew is a TEDx speaker, INC 5000 entrepreneur, and author of *Compete on Awesome with AI*. With Fortune 20 leadership chops and 535% business growth under her belt, she's not just talking about AI—she's living it. Known for making complex tech feel like common sense (with a dose of sass), Susan empowers organizations to harness AI for real-world results. Whether you run a boardroom or a boiler room, she'll show you how to compete smarter, save money, and maybe even like your chatbot.

Learn more about Susan Frew on her website:  
[www.susanfrewspeaks.com](http://www.susanfrewspeaks.com)



# RELAX, RECOVER & CONNECT

## GOLF TOURNAMENT

**Tuesday, September 23 | 10 AM**

*Led by John Loranger, WSP*



Tee off your conference week in Steamboat Springs with the annual CASFM Golf Tournament at Haymaker Golf Course—one of Colorado's premier public courses. For \$100 per golfer, enjoy 18 scenic holes, a cart, range balls, pin prizes, and a chance to win exciting raffle prizes. Space is limited to 60 golfers, so be sure to sign up early!

Set on 233 acres of scenic parkland, Haymaker offers stunning views of the Yampa Valley and Mount Werner—without a house in sight. Voted Colorado's #1 Mountain Golf Course and one of the top public courses in the state, this championship layout is welcoming to all skill levels and known for its natural beauty, spacious fairways, and abundant wildlife.

## YOGA

**Wednesday, Sept 24 | 8 AM**

**Thursday, Sept 25 | 7:30 AM, 12:30 PM**

**Friday, Sept 26 | 7:30 AM**

*Led by Melanie Walter, City of Arvada*

Start your day with yoga, open to all attendees free of charge. Yoga will be offered every morning of the conference, and one longer session during lunch. The time will be provided in the final program.



## GAME NIGHT

**Thursday, September 25 | 8 PM - 10 PM**

Unwind with a night of games and good company! Step outside to the tent and yard for classic yard games, or head indoors for a quieter evening of board games. Whether you're looking for lively competition or relaxed fun, there's something for everyone.



## BLUEGRASS JAM SESSION

**Thursday, September 25 | 8 PM - 11 PM**

*Led By Andy Cross, Ayres Associates*

It's our first-ever bluegrass jam! Bring your instrument, your voice, or just your love of live music. Whether you're picking, strumming, or simply tapping your toes, come be part of a casual, toe-tapping session that celebrates community and sound.



More fun on the next page >





# RELAX, RECOVER & CONNECT



## FIELD TRIP: STEAMBOAT SPRINGS ART DEPOT

Friday, September 26 | 10 AM - 12 PM

Meet at 1001 13th St., Steamboat Springs, CO

Step into Steamboat's creative heart with a visit to the historic Art Depot, a former train station turned cultural hub along the Yampa River. Explore rotating art galleries, discover the Eleanor Bliss Center for the Arts, and enjoy the charm of this landmark that now brings together artists, performances, and community events. It's the perfect way to wrap up the conference—soak up some inspiration and experience the local arts scene before you head home.

## SILENT AUCTION

Bid Monday September 15 through Thursday Sep. 25

Led by Selena Kłowsowski, City and County of Denver

The CASFM Silent Auction held at the annual conference is the primary funding source to support CASM's three annual scholarships. CASFM has been providing scholarship opportunities for local Colorado students who strive to improve, protect, and manage our critical water resources which is essential for mitigating flood risk and maintaining our waterway ecosystem. To learn more please go to: <https://www.casfm.org/about/committees/scholarship-committee/>.

See the table by the registration booth for some items and bidding instructions.

## MOUNTAIN BIKE RIDE

Friday, September 26 | 10 AM

Led by Drew Roberts, MHFD



Meet at the [Steamboat Gondola](#)

Holy Cow! For the first time (that I remember) we're going to have LIFT ACCESS (!!!!) for the CASFM Mountain Biking Trip!

Have you always said "Drew, this mountain biking this seems fun, but pedaling uphill is lame, why can't I just be at the top already?"

Well good news for you, this year you don't need to push a single pedal to get to ride sweet trails. Instead let the lift do all the work and join us for a ton of fun riding all the great trails that Steamboat Springs has to offer. This year your Mountain Bike registration will include lift tickets for you and your bike, so all you need to do is enjoy the downhill.

You can register for this Once in a Lifetime\* experience the same way you registered for the CASFM Annual Conference.

*\*probably not actually once in a lifetime but it'll be a ton of fun!*





# WORKSHOPS

## SCM Design Office Hours: Greatest Hits Workshop

**Tuesday 1:00pm (3 hours)**

*Led by Candice Owen, MHFD; Derek Rapp, Peak Stormwater Engineering*

In early 2024, the Mile High Flood District (MHFD) updated the Urban Storm Drainage Criteria Manual, specifically Volume 3, Chapter 4, which focuses on Stormwater Control Measures (SCMs). Concurrently, the SCM Design workbook was developed to support the design of SCMs using the updated criteria. This new workbook offers enhanced capabilities compared to the previous UD-BMP workbook, including:

- Comprehensive site assessment information.
- Integration of drainage area for the entire site through the 'Site Layout' worksheet.
- Accounting for receiving pervious area credit upstream of different SCM types.
- Design elements for manufactured treatment devices.

To assist designers with specific questions and common examples, MHFD, in collaboration with Peak Stormwater Engineering, hosts monthly SCM Design "Office Hours." These sessions have proven to be valuable learning opportunities, and we aim to share our insights or "greatest hits" through this workshop. The focus will be on utilizing the updated workbook and engaging in interactive examples and Q&A.

Participants are encouraged to bring their laptops and will be provided with example SCM designs to work through with the instructors.

## Everything Abutments All at Once

**Tuesday 1:00pm (4 hours)**

*Led by Anthony Alvarado and Will deRosset, Ayres Associates*

This year, FHWA introduced a new 4-hour webinar titled Scour and Countermeasure Design at Bridge Abutments through the National Highway Institute (NHI). Designed as a refresher on all things scour and countermeasures for bridge abutments, this course covers the latest scour design philosophy and guidance on abutment foundation design and abutment scour protection, including an in-depth comparison of the philosophy for new versus existing

bridges. The content and structure of the course is closely keyed into HEC-18, HEC-20, and the soon-to-be released 4th edition of HEC-23. This workshop will offer a modified, in-person version of the 4-hour training and will include exercises designed to engage participants and prepare them for real-world applications. The lesson breakdown will be as follows: Lesson 1) Introduction and Scour Design Philosophy; Lesson 2) Estimating Abutment Scour; and Lesson 3) Riprap at Abutments.

## Where the River Meets the Road: How to Utilize Fluvial Hazard Maps for Better Stream Management

**Tuesday 1:00pm (3 hours)**

*Led by Katie Jagt, Watershed Science and Design; Chris Sturm, CWCB; Joel Sholtes and Michael Blazewicz, CWCB Contractors*

Colorado Water Conservation Board initiatives such as Wildfire Ready Watersheds and the Colorado Water Plan have significantly increased the accessibility and availability of Fluvial Hazard Zone (FHZ) maps throughout Colorado. These maps, which delineate areas prone to fluvial geomorphic hazards, are now essential tools for local floodplain managers, consulting firms, and other stakeholders involved in river corridor planning, restoration, and development projects across the state. While the benefits of utilizing FHZ maps are numerous, specific methods for translating them into plans and actions and procedural steps for effectively integrating them into local planning and development policy are continuously developing and evolving. This proposed workshop will fill the gap between completed FHZ maps and practical applications with guidance, case studies, and guided discussion.

The Colorado Water Conservation Board's Fluvial Hazard Zone Program proposes a two- to three-hour workshop [we can be flexible on time] to work with CASFM attendees on how to develop innovative and creative solutions for stream corridor management informed by FHZ mapping.

Participants will work with instructors and one another to learn to use FHZ maps, and the information synthesized in the mapping process, to inform the development of flood hazard mitigation and stream restoration projects. Additionally, the workshop will provide a venue to discuss the specifics of how FHZs have been integrated into land use codes, planning, and development review throughout Colorado.







# WORKSHOPS

We hope this workshop can foster a space for collaboration, discussion, and knowledge-sharing between mappers, agencies, and managers to improve decision-making and advance floodplain management in Colorado.

## **Cracking Communication Through Motivation: The Color Code Interpersonal Skills Workshop**

**Tuesday 3:00pm (2 hours)**

*Led by Wendy Smith and Emily Villines, Calibre Engineering*

Success in flood mitigation depends not only on technical expertise but also on effective communication, collaboration, and conflict resolution—especially in cross-disciplinary teams that are managing complex stormwater systems. In this interactive workshop, Color Code Certified Independent Trainer Wendy Smith introduces engineers to the Color Code Personality Assessment, a practical tool that goes beyond observable behaviors to reveal the core motivations driving individuals' decisions and interactions.

By identifying whether you and your colleagues are primarily driven by power (Red), intimacy (Blue), peace (White), or fun (Yellow), you'll gain actionable insight into how team members approach challenges, give and receive feedback, and handle stress or disagreement. This session will explore how understanding personality dynamics can enhance project coordination, streamline problem-solving, and reduce friction in high-stakes, high-complexity environments.

CASFM members will leave with a framework they can use to:

- Recognize and leverage the strengths and limitations of diverse personality types
- Adapt communication strategies for greater clarity and collaboration
- Prevent and resolve conflicts rooted in motivational misunderstandings
- Build stronger, more cohesive project teams

Whether you're leading design efforts, managing stormwater infrastructure projects, supporting natural resources and wildlife, or coordinating with regulatory agencies, applying the Color Code will help you build more resilient and productive working relationships.

*NOTE: This workshop requires the use of the Color Code Personality Assessment. Links to the Limited Analysis (Free)*

*and discounted Full Analysis (\$29) will be sent to registered attendees prior to the conference.*

## **A GLO Workshop: Redefining Community Outreach**

**Friday 9:00am (2 hours)**

*Led by Bhavana Chauhan, MHFD; Susan Brown, Oliver Webb, Veda McNeal, and Connor Talbott, GLO*

As organizations increasingly recognize the importance of building authentic relationships with the communities they serve, the Grassroots, Leadership, Opportunities (GLO) program is taking action based on the theory, "meet them where they are." Through creative methods, equity-focused approaches, and the integration of emerging tools—such as artificial intelligence and community-based strategic outreach planning—GLO is shifting the narrative, proving that the voices of local residents are not only powerful but essential in shaping meaningful public dialogue and community-centered solutions. Our unconventional and impactful approach to community engagement is further reinforcing this shift, as it continues to resonate and succeed across diverse communities.

The GLO program will host a youth-led workshop exploring innovative strategies for inclusive, effective public engagement. As part of their continued work on the Riverdale Regional Park Improvements Project—a collaboration between Adams County Government, the Mile High Flood District, and multiple project teams—the GLO Youth Ambassadors will share insights from their hands-on experiences. GLO Ambassadors will not only share their outreach experience but translate it into actionable insights that project professionals can apply to enhance their own engagement strategies.

The energy and perspective of the GLO Ambassadors bring a dynamic and evolving approach to outreach. Rather than rely solely on traditional methods, they constantly explore and test new strategies to connect with their neighbors.

If one method doesn't work, they regroup, adapt, and try again. These young leaders approach the world differently and offer fresh skills that many professionals could find valuable when incorporated into their community outreach approaches. Combined with the experience of their adult collaborators, the result is a creative, intergenerational environment full of unexpected insights and community-driven feedback.

During the session, participants will take part in a hands-





# WORKSHOPS

on workshop simulating the full outreach process—team brainstorming, engaging with stakeholders, utilizing AI, developing data, and processing feedback in meaningful ways. They will be given specific scenarios based on the ambassadors’ real-life experiences, designed to simulate critical thinking and quick decision-making. The goal is to offer participants a deeper understanding and examples of the complexities of outreach and the importance of strategically planned and AI informed engagement.

Beyond the practical benefits, learning from the GLO Ambassadors is energizing and fun. Their passion for learning, connecting, and leading is truly contagious. This session will highlight how GLO is redefining community outreach by integrating youth perspectives into professional project teams and using emerging tools to drive data-informed strategies.

## **Implementing Low-tech Process Based Restoration (LTPBR) at Scale – Familiarity & Workflow**

**Friday 9:00am (3 hours)**

*Led by Colin Barry and Chelsey Heiden, Ayres Associates*

A common impairment affecting riverscape health is the lack of in-stream features, often in the form of woody material and/or beaver dams. Low-tech process-based restoration (LTPBR) is an increasingly popular method for restoring wood starved and degrading stream systems. Following the Cameron Peak Fire (CPF), our team has deployed a framework to streamline LTPBR implementation

and complement traditional post-fire flood mitigation to mitigate post-fire impacts in a more holistic watershed approach. LTPBR typically uses on-site material with hand-crew labor to install a series of structures in 1st and 2nd order streams. The structures work with existing stream processes and evolve over time to increase physical complexity and roughness while improving floodplain connectivity, hyporheic exchange, and habitat diversity.

LTPBR offers a unique opportunity to improve natural stream processes and increase watershed resilience. We believe that these features can aid in accelerating watershed recovery and mitigating water quality impairments in degraded streams when installed at scale. LTPBR’s low cost and rapid construction empowers stakeholders to implement this mitigation quickly across many impacted and valuable watersheds, while maintaining capacity for adaptive management strategies.

Using several specific project sites from the CPF as case studies, the workshop will present LTPBR as a tool that can be applied to a diverse range of stream rehabilitation and restoration projects. Workshop participants will develop skills for project scoping, site reconnaissance, designing, and implementing low-tech features. Participants will apply these skills to identify potential sites using online maps, prioritize sites using high-level datasets, like imagery, terrain data, and historic disturbance. They will work in small groups to develop conceptual level designs for a top priority site and share their insights with the other workshop attendees.

The presenters will include interdisciplinary representatives from the design team.



# THANK YOU MODERATORS

### **TECHNICAL MODELING**

**Monica Bortolini,**  
*City of Longmont*

### **STORMWATER QUALITY**

**Julianna Valenzuela**  
*Matrix Design Group*

### **RISK AND RESILIENCE/ PERSONAL DEVELOPMENT**

**Melissa Bryant**  
*RESPEC*

### **APPLYING AI**

**Christin Shepherd**  
*MHFD*

### **URBAN ADAPTATION**

**Jesse Clark**  
*Stream*

### **INNOVATIVE RECOVERY**

**Pieter van Leeuwen**  
*Loewen Engineering*

### **CHALLENGING STATUS QUO**

**Frans Lambrechtsen**  
*Kimley-Horn*

### **PROBLEM SOLVING**

**Brent Kaslon**  
*Valerian*

### **CREATIVE CURIOSITY**

**Kevin Doyle**  
*Michael Baker*





# CASFM GIVES BACK

## CONGRATULATIONS TO THE 2024-2025 SCHOLARSHIP WINNERS!



### **BEN URBONAS SCHOLARSHIP**

*Michael Talbot*

The 2024-2025 CASFM Ben Urbonas Scholarship recipient is Michael Talbot. He is a first-year PhD student in the Hydrologic Sciences & Engineering program within the Department of Civil & Environmental Engineering at Colorado State University. Michael's research interests lie at the intersection of hydrologic modeling, climate science, machine learning, and data science. His early PhD research uses explainable AI techniques to explore how and why deep learning models such as long short-term memory (LSTM) neural networks are able to excel at regional hydrologic prediction, and how they can be improved to predict streamflow extremes during droughts and floods. Michael's goal is to deepen our understanding of the drivers of hydrologic extremes, especially in the context of climate change and its complex impacts on watershed conditions.



### **FAMILY SCHOLARSHIP**

*Ella Evans*

The 2024-2025 CASFM Family Scholarship recipient is Ella Evans. She is a Second-Year Student in the Leeds School of Business at the University of Colorado Boulder. Ella's career ambition is to be a leading force in environmental economics, using innovative strategies to address environmental issues while supporting economic development in Colorado. With a foundation in environmental economics, she aims to work with local governments, nonprofits, and businesses in Colorado to create policies that reduce emissions, conserve resources, and support sustainable land use.



### **UNDERGRADUATE SCHOLARSHIP**

*Leanna Johnson*

The 2024-2025 Undergraduate Scholarship recipient is Leanna Johnson. She is a sophomore studying Environmental Engineering at the University of Colorado Boulder. Leanna is passionate about how communities connect to their water systems and the implementation of sustainable solutions. Currently, she is an undergraduate research assistant in a civil engineering and hydrology laboratory, where she is researching urban water policy trends and working on projects to communicate nature-based solutions for urban runoff. Leanna's goal is to pursue a master's degree focused on sustainable urban water design, ultimately working to implement green infrastructure that meets both community and environmental needs.



# AWARDS

# 2025

# ENGINEERING

# EXCELLENCE AWARD

# NOMINEES



There are two divisions of the CASFM Engineering Excellence Project Award: Construction Projects and Non-Construction Projects, with awards given in alternating years. For 2025, CASFM is awarding a Non-Construction Project award.

The following entries have been selected to present during the conference, and members will have the opportunity to vote for their favorite in real time during the presentations. The results will be announced during the closing session of the conference.

Nominees are listed in no particular order.







2025 CASFM Engineering Excellence Award Submission

# East Troublesome Fire Watershed Restoration Master Plan



2025 PROJECT  
AWARD NOMINEE



## Denver Advances Stormwater Planning with Interactive, Data-Driven Master Plan



The City and County of Denver Storm Drainage Master Plan (SDMP) continuously evaluates Denver's existing urban flood risk and provides recommendations for future capital improvements to reduce flood damages and increase safety.

### Educate

Denver's online master plan and interactive maps educate the public on stormwater systems and highlight both waterway and local flood risks across the city.

### Interactive Flooding Data

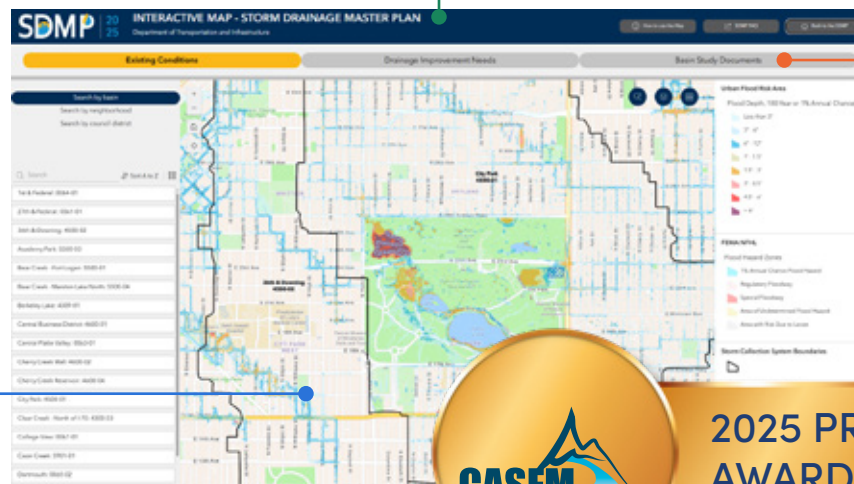
Denver Moves Storm Drainage Master Plan Online, Makes Flooding Data Interactive

### Brings Data to Life

Online Hub Brings Stormwater Data Off the Bookshelf and Brings It to Life

### Engage

The Interactive Map allows for wider audiences to understand how water flows through Denver, identifying flood-prone areas and ongoing drainage improvements including the Jackson Street Storm project.



### Evolve

The Basin Study Map uses years of data to predict stormwater behavior, guiding engineers in designing solutions and prioritizing flood mitigation investments.



**2025 PROJECT  
AWARD NOMINEE**

[CLICK HERE TO VIEW THE INTERACTIVE MAP IN A NEW TAB](#)

# AWARDS

## 2024 ENGINEERING EXCELLENCE AWARD RECIPIENT



### Kenny's Run Greenway

*ICON Engineering | San Engineering | Valerian  
| ECI Site Construction Management | Molson  
Coors Beverage Company*

For over 150 years the Coors Brewery has been a landmark of the City of Golden. In the last 75 years, the City and the brewery have grown and that growth led to a 'confluence' of needs that became known as the Kennys Run Greenway.

Urbanization of the front range of Colorado led to piping and undergrounding of the

natural open channels along the south-ern tributaries to Clear Creek. Resulting flood risk overflowed these conduits and put over 1 million square feet of industrial structures under water in major storm events.

As expansion plans were made for the brewery, the Molson Coors Beverage Company partnered with the City of Golden and the Mile High Flood District for a monumental restoration of Kennys Run as an open channel diverting minor and major storm flows safely away from the brewery. This protected the Clear Creek watershed from the potential contaminants of flood water through the industrial areas, but also protected the City of Golden with an open channel outlet for surface flooding across three city blocks of downtown Golden.

This partnership allowed the brewery and the City to continue to serve the customers, citizens and watershed neighbors with a responsible, maintainable, and beautiful watercourse that literally bridges public and private goals.

This project is a shining example of what it will take for future infrastructure projects to succeed in the rapid evolution of high-cost infrastructure retrofit solutions. Much like the founder of the Coors brewery did in 1873 restoring an old tannery building to serve the growing community of miners and cowboys, the Kennys Run project restores an open channel that can protect and serve the brewery, residents, and visitors to Clear Creek for generations to come!

## PREVIOUS CASFM AWARD RECIPIENTS

Year	Winning Project	Companies & Agencies
2024	Kenny's Run Greenway	ICON Engineering, San Engineering, Valerian, ECI Site Construction Management, Molson Coors Beverage Company
2023	Wildfire Ready Watersheds	Colorado Water Conservation Board, Olsson
2022	Cherry Creek Corridor (Quebec to Iliff) Improvements	Muller Engineering Company
2021	Globeville Stormwater Systems Study	Merrick & Co.; City and County of Denver; OV
2020	Sanderson Gulch Channel Improvements	ICON Engineering, City and County of Denver DOTI, MHFD, Valerian, Great Ecology, San Engineering
2019	US 34 Big Thompson Canyon Flood Recovery	Jacobs, Ayres, Kiewit, Muller, State of Colorado, CDOT
2018	Colorado Emergency Watershed Protection Program	Colorado Water Conservation Board
2017	Little Dry Creek Park	City of Westminster, MHFD, Adams County, State of Colorado, Muller, Matrix
2016	South Platte River Vision Implementation Program: Grant- Frontier Park to Overland Pond Park	The Greenway Foundation, City and County of Denver Parks and Recreation Department, CDM Smith
2015	Cherry Creek Bailey Ecological Park	Arapahoe County Open Space, SEMSWA, MHFD, Cherry Creek Basin Water Quality Authority, Muller, Valerian
2014	To Move a River- Saving Loveland's Water Supply	City of Loveland, Ayres Associates, and Tetra Tech

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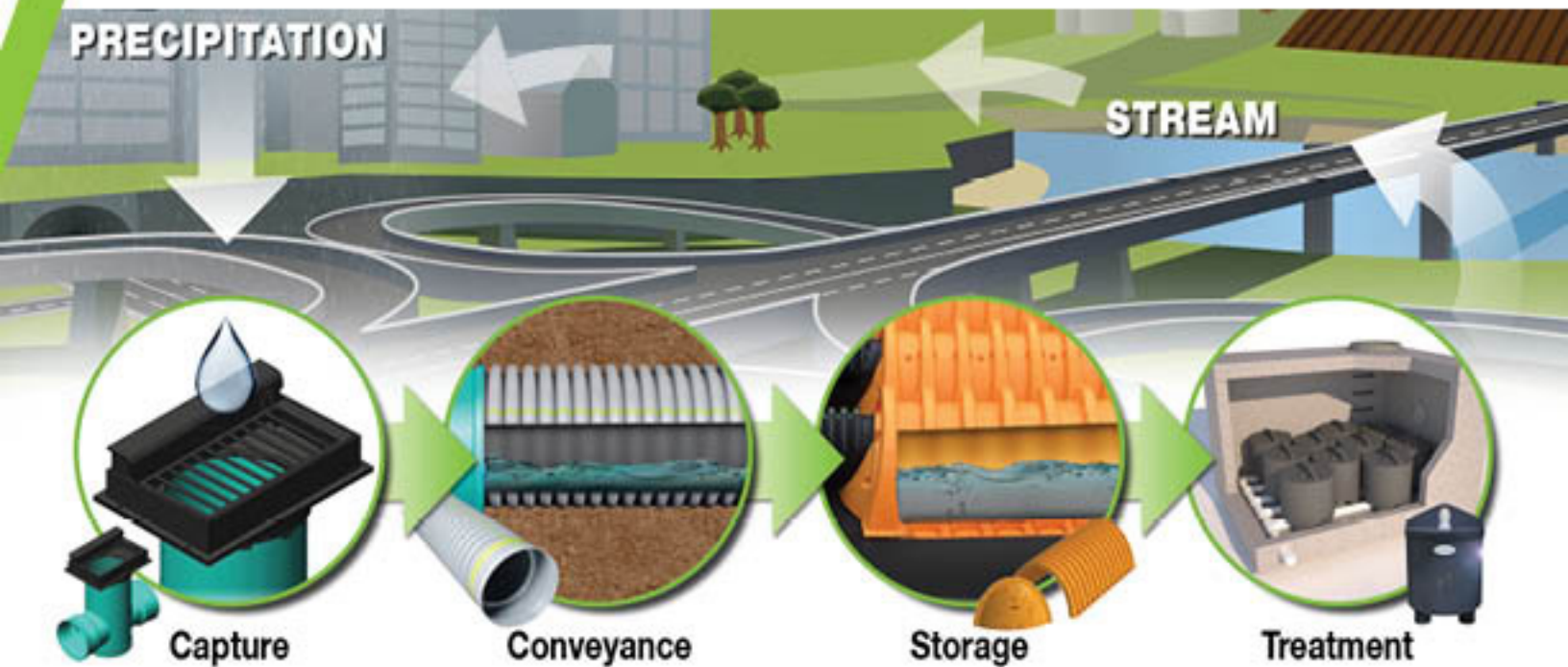
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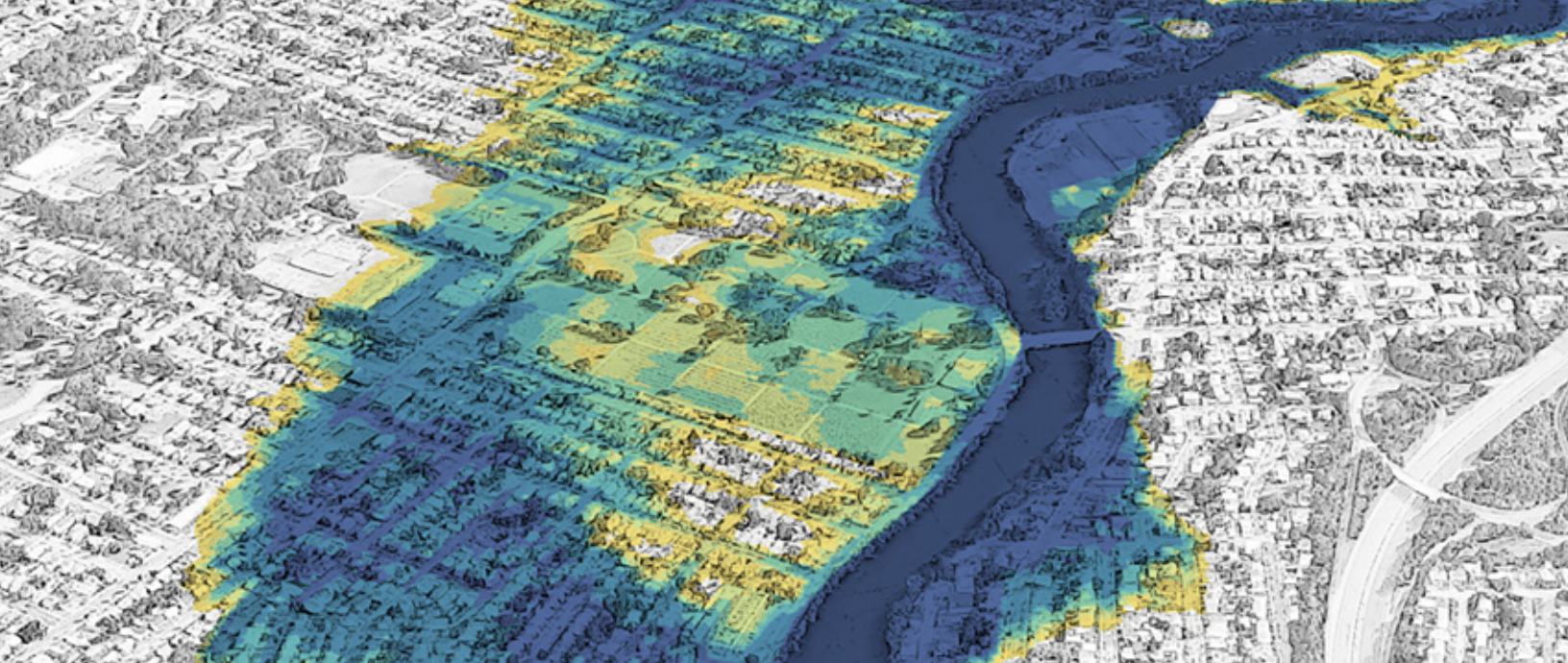
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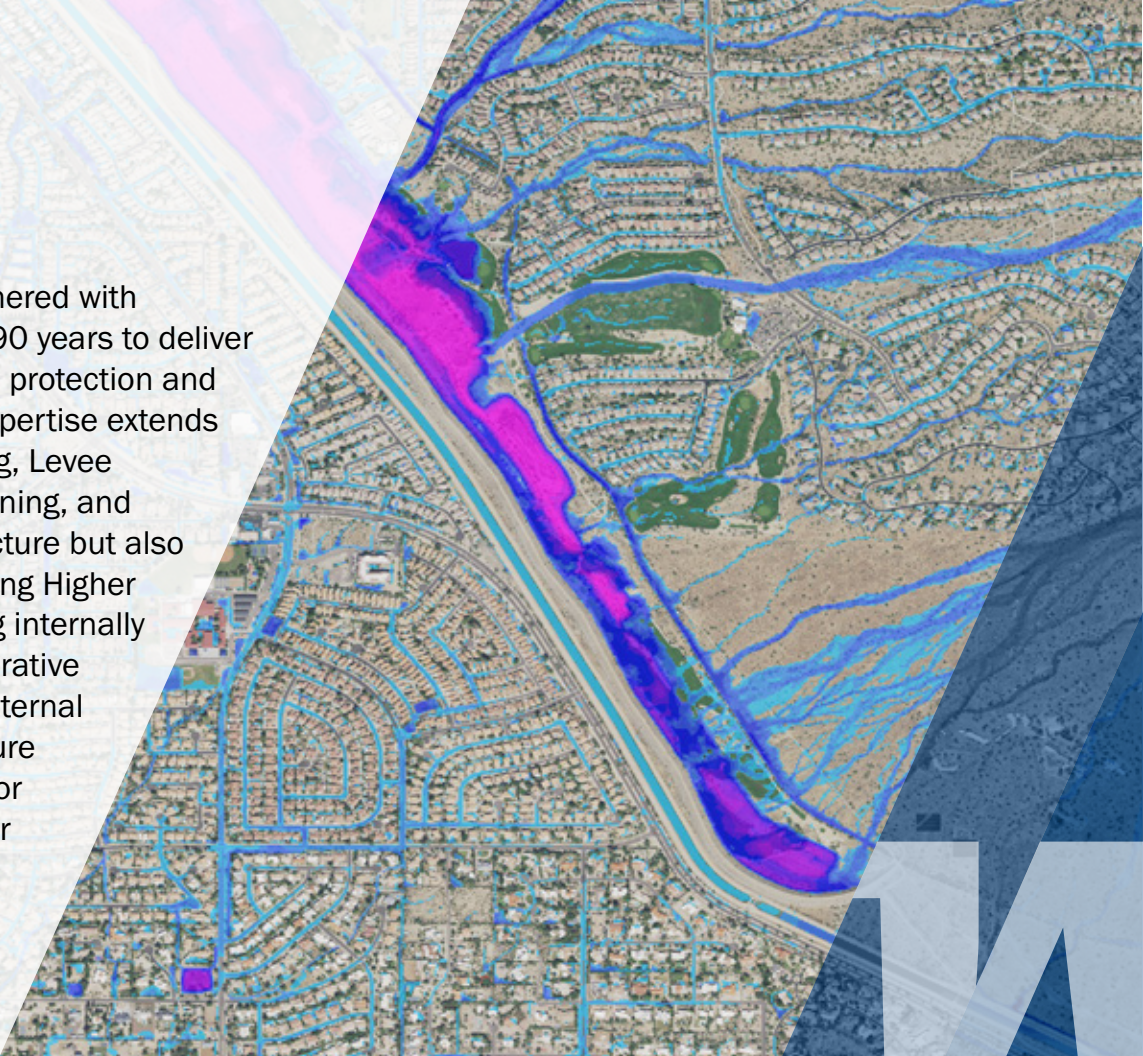
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# SCHEDULE AT-A-GLANCE

	Tuesday 9/23	Wednesday 9/24	Thursday 9/25	Friday 9/26
7:00				
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Key:

Workshop

Food

General Session

Presentations

Other

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