

35TH ANNUAL CASFM CONFERENCE

2024 Annual CASFM Conference

CALL FOR REGISTRATION

September 30 - October 3, 2024

Park Hyatt Beaver Creek Resort & Spa

136 E Thomas Pl

Beaver Creek, CO 81620

www.hyatt.com



CONFERENCE REGISTRATION

September 30 - October 3, 2024 - Beaver Creek, CO
TO REGISTER:

Please visit www.casfm.org and select the Annual Conference link. Or, you can use this direct link:
<https://registration.socio.events/e/2024annualconference>

If you have any registration questions, please contact Stacey Thompson at: staceythompson8@gmail.com

If you have general questions, please contact Shea Thomas at: sheathomas888@gmail.com.

CONFERENCE FEES

The basic registration fee includes all written materials, three breakfasts, two lunches, refreshment breaks, three receptions, entertainment, workshops, and the Wednesday Banquet Dinner.

Please note that all presenters are required to be registered and paid conference attendees.

Single day registration is not available.

EARLY DISCOUNT (THROUGH SEPTEMBER 10) | \$595

REGULAR RATE (AFTER SEPTEMBER 10) | \$795

Checks will NOT be accepted for conference fees. Payment is via credit card only.

CONFERENCE CANCELLATION

Canceled registrations will be refunded in full, minus credit card fees, through September 10, 2024. Registrations canceled between September 11, 2024 and September 21, 2024 will receive a 50% refund minus credit card fees.

Cancellations made after September 21, 2024 will not be refunded.

Cancellations must be made by contacting our registration coordinator Stacey Thompson at staceythompson8@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.

- Tuesday Lunch | \$70
- Wednesday Lunch | \$70
- Wednesday Dinner | \$120



HOTEL ACCOMMODATION & DETAILS

Park Hyatt Beaver Creek Resort & Spa

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Beaver Creek, CO 81620

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LODGING RATES, OPTIONS, AND POLICIES

	BEAVER CREEK PARK HYATT 136 East Thomas Place	BEAVER CREEK LODGE 26 Avondale Lane
Number of rooms in block:	150	40
Room rate:	\$298	\$269
Location:	In conference center building	Very close to conference center (but must walk outside to get to it)
Booking Process:	Use group-specific link: Park Hyatt link	Use group-specific link: Beaver Creek Lodge link OR call 888-236-2427. Guests must identify themselves as part of CASFM to receive discounted group rate.
Available dates:	Friday, September 27 - Friday, October 4	Friday, September 27 - Saturday, October 5
Cutoff date:	September 4th	September 1st
Resort fee:	\$15/day	\$25/day
Parking fee:	\$20/day	\$15/day
Check-in/Check-out:	4 pm/11 am	4 pm/11 am
Deposit:	One night room & tax due at time of booking. Remaining balance charged 7 days prior to arrival.	None
Cancellation policy:	Non-refundable 7 days prior to arrival. No shows charged equivalent of one night.	Full refund if cancelled within 72 hours of arrival. No shows charged equivalent of one night.
Other notes:	10% off spa treatments 5% rebate on guest room revenue	

BEAVER CREEK VILLAGE MAP



- ★ Conference Center
- ★ Beaver Creek Park Hyatt
- ★ Beaver Creek Lodge



KEYNOTE

CHALLENGE-4-CHANGE.

Michael Wigge

Michael Wigge traveled to Antarctica without a penny in his pocket. He turned an apple into a Hawaiian dream home by bartering. He holds records for the longest handshakes with Angelina Jolie and Oliver Stone. A former MTV host, Michael has appeared on the Tonight Show and has written two books: *How to Barter for Paradise* and *How to Travel the World for Free*. He is an adventure seeker and challenger who is determined to drive change and prove what a single individual is capable of achieving.

Michael has helped companies and organizations all over the country embrace change, increase motivation, and develop leadership skills. His focus is on inspiring the workforce to achieve goals. He helps his clients and audiences improve their skills in workplace negotiation, stress management, burnout mindfulness, resilience, change management, and intercultural relations. He challenges us to restructure our fundamental understanding to increase our impact.

Join us for this entertaining and impactful keynote, which is sure to make you laugh and inspire you.



[Learn more about Michael Wigge in his YouTube trailer](#)



WORKSHOPS

Become a Mental Gymnast: Innovative Approaches to Cognitive Flexibility

Wednesday | 8:30 (2 hours)

In today's rapidly evolving world, the ability to think differently is not just an asset but a necessity. Our conference training workshop, "Become a Mental Gymnast: Innovative Approaches to Cognitive Flexibility" aims to equip participants with the tools and techniques to foster an innovative mindset, both for yourself and your teams. This interactive workshop delves into the science of thought patterns, explores the benefits of cognitive diversity, and practices flexible thinking. Through a series of real-world examples and hands-on activities, attendees will learn how to break free from traditional thinking traps and embrace new perspectives. We will cover methods to stimulate creative problem-solving, encourage constructive questioning, and promote an environment where unconventional ideas flourish. Participants will leave with a renewed sense of curiosity and a toolkit of strategies to apply in their personal and professional lives. Join us to unlock the potential of thinking differently and catalyze change in your organization and beyond. This workshop is not just about thinking outside the box, it's about questioning the presence of the box entirely.

BLE Data for Floodplain Management

Thursday | 9:00 (3 hours)

What is BLE data and how does it differ from Best Available Data? Are they the same? Which data do I refer to for permitting? When is it not prudent to use BLE data? This presentation will help to guide the audience in understanding how BLE data are developed and how it fits into the regulatory world of the NFIP. Discussion is included on 1D vs 2D BLE and how BLE data is now contracted and scoped to become updated FIRM data. Suggested uses of the BLE Data will be provided with practical examples of when to use BLE data for floodplain management and when to use your FIRM. Can BLE data be regulatory? Yes, but only in certain circumstances. This workshop will be your guide.

Culvert Design Workshop

Wednesday | 8:30 (4 hours)

This comprehensive workshop offers participants a thorough exploration into culvert design and maintenance considerations, crucial for the effective functioning of stormwater and roadway infrastructure. Beginning with an examination of standard culvert terminology, features, and fundamental hydraulic equations, attendees gain a solid understanding of the principles underlying culvert design. Moving forward, the workshop delves into various design criteria, explains inlet and outlet control hydraulics, as well as the hydraulic factors that influence them, and presents conventional design methodologies. To enhance comprehension and practical application, Dylan uses a 6-foot long, 1:12 scale flume to illustrate fundamental hydraulic principles and aid participants in comprehending inlet and outlet control hydraulics. This hands-on demonstration ensures a deeper understanding of culvert hydraulics. Furthermore, the workshop explores culvert inspection principles, and decision-making frameworks essential for determining the need for rehabilitation or replacement. We look at real-world case studies showcasing effective strategies employed to rectify culvert failures, thereby enriching participants' knowledge base with practical insights. The last segment of the workshop introduces attendees to valuable FHWA resources such as the Hydraulic Toolbox

and HY-8, equipping them with tools for efficient culvert design and maintenance practices. By providing a comprehensive overview of culvert fundamentals and practical applications, this workshop empowers participants to make informed decisions and implement effective solutions in their respective roles within stormwater and roadway infrastructure design and management.

Geomorphology Short Course

Monday | 1:00 (4 hours)

As our collective desire to design and construct more holistic stream systems continues to expand, the importance of understanding fluvial geomorphology and incorporating its principles in our projects continues to grow. The purpose of this session is to present basic information that we believe will be useful for those already practicing in the field of stream restoration as well as those looking to demystify the science. In this short-course Troy Thompson (ERC) and David Bidelsbach (5SSR) will present some of the fundamentals of fluvial geomorphology and how these principles can be applied in the design process. Topics that will be addressed as part of the background to fluvial geomorphology include Lane's balance (what it does and does not mean), the concept of bankfull flow, sediment regime, stream response potential, effective discharge, stream types (plan form and bed form), channel evolution and basic terminology in the world of geomorphology. The discussion will then shift to the application of these basic principles in design. Different approaches to quantify bankfull flow and the process of calculating effective discharge will be presented. Effects of flow changes on channel morphology, be they increases due to development or decreases due to water diversions, and how to incorporate these changes into design will be discussed. Guidance for designing stream planform and bedform that is appropriate in different project settings will be given. Lastly, we will discuss some of the technical approaches, software and modeling tools that are currently used to aid in design. Applications and limitations of sediment transport modeling, incipient motion calculations and sediment competency will be presented. With the great number of topics to be covered, the presentation will focus on high-level concepts and approaches and not dig deep into specific calculations. Our intent is to provide concepts that will expand the repertoire of practiced geomorphologists but do so at a level that those will only a precursory level of understanding of geomorphology will be able to follow as part of a four-hour session.

Hands-On HEC-RAS 2D Workshop (for Intermediate 1D HEC-RAS Users)

Monday | 1:00 (4 hours)

Participants will learn how to develop HEC-RAS models, including recently added features. The workshop will alternate between brief lectures and hands-on exercises. Topics covered include spatial precipitation/infiltration, bridge hydraulics in 2D areas, editing and visualization tools, and computational solvers. Learning Objectives: 1) Open, explore, and modify 2D HEC-RAS models, 2) Understand and use the new features of HEC-RAS, and 3) Build a 2D rain-on-grid HEC-RAS model from scratch. Topics Covered: 1) Overview of HEC-RAS 1D/2D 2) Importing Terrains and Land Cover with RASMapper 3) Generating 2D Flow Areas and Running a 2D Model 4) Reviewing and processing results with RASMapper Workshop Outline: 30% Lecture, 60% Hands-On Modeling Exercises, 10% Q&A.

FUN!

FIELD TRIPS

The conference committee is working on organizing field trips for the conference. They will be held on Thursday morning following the closing remarks.

Check back on the CASFM website for more details as they become available.

MOUNTAIN BIKE RIDE

More information to come soon.

Led by Drew Roberts: droberts@mhfd.org

YOGA

Start your day with yoga, open to all attendees free of charge. Yoga will be offered every morning of the conference; the time will be provided in the final program.

Led by Melanie Walters: mwalter@arvada.org

SILENT AUCTION - DONATE NOW!

Calling for donations for the 2024 CASFM Silent Auction. The CASFM Silent Auction held at the annual conference is the primary funding source to support CASFM's three annual scholarships. We are asking for you to consider donating items to help fund our future waterway professionals!

- Do you have any company sponsored purchase/s that you would like to donate? Include your company swag!
- Do you have a talent or service that you would consider donating? Such as a painting, sculpting, yoga instruction, baking, etc. It's a great way to market, and it's tax deductible!

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/>

Please contact Selena Klosowski at 303.446.3520 or by email at Selena.klosowski@denvergov.org.

GOLF TOURNAMENT

Location: Eagle Vail Golf Club

Time: Thursday, October 3 @ 10:00 am

Shotgun start.

Cost: \$80 (includes range balls, 18 holes, cart, and raffle prizes)

Limit: 60 people

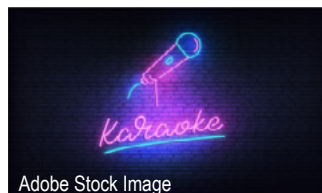


Image Credit: | Eagle Vail Golf Course

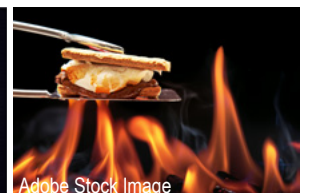
ENTERTAINMENT

Love it or hate it, karaoke night is back! Wednesday evening following the awards banquet.

We'll also have s'mores by the firepit for those who still want to socialize but aren't into karaoke.



Adobe Stock Image



Adobe Stock Image

CASFM PROJECT AWARD NOMINEES

Nominees are listed in no particular order.



Nomination for Outstanding Construction Project

Kennys Run Greenway Golden, CO



April 2024

CASFM PROJECT AWARD NOMINEES

Nominees are listed in no particular order.

2024



Central 70

2024 CASFM Award Nomination for Outstanding Construction Project

Community. Connections. Commerce.

SCHEDULE AT-A-GLANCE

	Monday 9/30		Tuesday 10/1			Wednesday 10/2			Thursday 10/3			
7:00						Breakfast			Breakfast			
7:30												
8:00			Breakfast			Closing						
8:30			Opening									
9:00			Keynote			Culvert Workshop	Debris Flow Forum	Mental Gymnast Workshop	BLE Data Workshop		Field Trip	
9:30												Project Awards
10:00			Lunch				Break					
10:30							Ted Talks 1	Ted Talks 2				
11:00	Lunch			Core Values								
11:30				Core Values								
12:00	Lunch			Lunch								
12:30												
1:00	Geomorph Workshop	HEC-RAS 2D Workshop	Hazard Management	Water Quality	Project Showcase	Technical Modeling	Stream Retoration	Regulatory Issues	Golf			
1:30												
2:00												
2:30												
2:30			Break			Break						
3:00			Hazard Management			Water Quality			Project Showcase			
3:30			Hazard Management			Water Quality			Project Showcase			
4:00			Technical Modeling			Stream Retoration			Doing Things Differently			
4:30												
5:00			Happy Hour			Happy Hour						
5:30												
6:00												
6:30												
7:00	Ice breaker					Dinner						
7:30												
8:00												
8:30												
9:00												
9:30												
10:00												
10:30												
	General session		10-minute presentation		25-minute presentation		1-4 hour workshop		Meal/reception		Other	