

COLORADO ASSOCIATION OF STORMWATER AND FLOODPLAIN MANAGERS

2480 W. 26th Ave., Suite 156-B

Denver, CO 80211

www.casfm.org



Date/Time: Thursday, July 13, 2018 at 12:00 pm
Hosted by: Westin Snowmass
Location: 100 Elbert Lane, Snowmass Village, CO 81615
Remote: Phone: 1-872-240-3311; Access Code: 183-898-501

GENERAL MEMBERSHIP MEETING ATTENDEES:

CASFM Officers:

Chair – Deb Ohlinger, Olsson Associates
Vice Chair – Morgan Lynch, UDFCD
Secretary – Stacey Thompson, SEMSWA
Metro Denver Region Rep – Debbie Fisher, Water Engineering Solutions – *by phone*

CASFM Committee Chairs:

Outreach & Training – Emily Villines, Calibre Engineering – *by phone*
Scholarship – Jacob James, Town of Parker – *by phone*

CASFM Members:

Julia Traylor, Wright Water Engineers (Annual Conference Program)
Stuart Gardner, CDOT (Annual Conference Facilities)
Colin Wagoner, Calibre Systems (Annual Conference Awards)
Kevin Houck, CWCB
Carrie Gudorf, Mesa County
Shea Thomas, UDFCD (Immediate Past Chair) – *by phone*
Stephanie DiBetitto, CWCB – *by phone*
Brian Murphy, Otak – *by phone*

GENERAL MEMBERSHIP MEETING AGENDA:

- I. **Call to Order** – *Deb Ohlinger*
 - A. Meeting called to order.
- II. **Secretary Report** – *Stacey Thompson*
 - A. Minutes from the May 10, 2018 General Membership Meeting were distributed for review, and were posted to the website.
 - B. No changes were made. Motion to approve by Morgan Lynch, 2nd by Carrie Gudorf; approved unanimously.
- III. **Treasurer Report** – *Myles Gardner*
 - A. The Treasurer's Report was tabled for discussion until the next General Membership Meeting on September 26, 2018.
 - B. Deb will follow-up with Myles regarding reimbursements.
- IV. **Vice Chair Report** – *Morgan Lynch*
 - A. Morgan has reached out to committee chairs and officers for an update to include in the bi-annual newsletter. The summer newsletter will be a full update and is planned to be distributed in early August. The newsletter will include annual conference and elections announcements.

OFFICERS

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Deb Ohlinger, PE, CFM	Morgan Lynch, PE, CFM	Stacey Thompson, CFM	Myles Gardner, EI
Olsson Associates	Urban Drainage & Flood Control Dist.	Southeast Metro Stormwater Auth.	CH2M
1525 Raleigh Street, Suite 400	2480 W. 26th Ave., Suite 156-B	7437 S. Fairplay St.	9189 S. Jamaica St.
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V. Committee/Regional Representative Summary

- A. Written reports are enclosed. Deb highlighted the follow items:
 - 1. Scholarship Committee – Three (3) scholarships will be advertised this fall with the application deadline in October. Actively seeking donations for the silent auction.
 - 2. Stormwater Quality Committee – The Annual Stormwater Quality Field Trip was held on June 14th and was well attended. Feedback has been positive.
 - 3. SE Region – The SE Region held a Networking and Speaker Series event in June. “Selecting the Right Hydraulic Model” was presented by Matt Johnson, HDR and Brinton Swift, Kiewit.

VI. Outreach and Training – *Emily Villines*

- A. Written report enclosed.
- B. The Soft skills – Collaboration Training with instruction provided by the Employer’s Council is scheduled on July 19 at the Employer’s Council Office (1799 Pennsylvania St, Denver, CO). There are 5 remaining spots open.
- C. Research Grant Application – an application has been received; additional information is included in the enclosed report. The research grant is typically awarded at the Outreach and Training Board Meeting.
 - 1. Requesting \$2500 to cover substitute teacher costs for educators participating in the program.
 - 2. Discussed the finalist’s project presentations be held at a regional social event. The top proposals win money to implement their programs locally.
 - 3. Emily to coordinate with Myles and Deb.

VII. Floodplain Committee – *Deb Ohlinger for Chris Hodyl*

- A. The committee is looking for one more instructor for the Floodplain 101 Review Course at the conference.

VIII. Annual Budget – *Myles Gardner*

- A. The 2018 Annual Budget discussion was tabled to the next General Membership Meeting on September 26, 2018.

IX. Annual Conference – *Julia Traylor for Sarah Houghland*

- A. Registration will open next Tuesday, July 17th or Wednesday, July 18th – Friday at the very latest. We are waiting on golf details (costs).
- B. Emily sent a draft of the registration brochure for review on Tuesday. The draft has been sent to a few people for review, and we will send out a new draft ASAP.
- C. Alan Turner indicated the registration page will be ready Monday, July 16th – except for the remaining items.
- D. The Guidebook app has been updated. The session tracks will be available for viewing for registration, and we will continue adding content.
- E. The golf tournament will be in Gypsum because all golf courses between Snowmass and Glenwood Springs are booked. It will be a 9:30am shotgun start this year.
- F. Thursday’s featured speaker will be Josh Duncan with Mountain Child. Hotel room and travel expenses will be provided along with a donation to Mountain Child. Josh also presented for the 2013 Project Award for Cherry Creek Steam Reclamation at Parker Jordan Centennial Open Space.
 - 1. Discussed donation amount of approximately \$2000 from the conference budget.

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- G. Geeks Who Drink has been booked. Sarah is working on karaoke and other Thursday banquet events.
 - H. There will be a workshop on Friday by Tyler Dell – Inspection & Maintenance of Post-Construction BMPs. Tyler requested a Friday workshop.
 - I. The second field trip will be a guided (3-mile) hike to Maroon Lake by the Aspen Center for Environmental Studies. Buses are arranged for transportation.
 - J. Sponsorships filled up quickly! We have 8 gold-level sponsors (functions); 10 silver-level sponsors (booths and registration); 3 bronze-level sponsors (technical session rooms), and 3 nickel-level sponsors (recognized for donations).
 - 1. Space is limited for booths.
 - 2. Discussed adding a platinum category in the future to sponsor the Awards Banquet.
 - 3. Discussed how to provide more publicity for the sponsors.
 - K. Other – Colin Wagoner indicated that three (3) project awards finalists have been selected.
- X. Denver Metro Region – Debbie Fisher**
- A. A joint social is scheduled on July 25th with the Colorado Riparian Association. The social will be held at CB Potts on 120th Avenue, Westminster. Kevin Houck, CWCB is presenting.
 - a. Morgan Lynch volunteered to help coordinate on behalf of CASFM.
 - B. At the May meeting, Debbie inquired if there was budget to purchase a projector for use at socials. Myles was going to research costs and report back to the group.
 - 1. Debbie indicated that a projector costs \$300-\$400 and the cables/attachments cost approximately \$150.
 - 2. Deb suggested waiting to budget or purchase until after the elections. The new Denver Metro Rep may have access to the equipment.
- XI. Northeast Region**
- A. The Northeast Region social is scheduled on Tuesday, July 31 from 5:30-7:30pm at CB Potts on the Collindale Golf Course in Ft. Collins. David Hollingsworth, former Floodplain Administrator for the City of Longmont, will be sharing stories about the 2013 flood and how it impacted the City of Longmont. RSVP to Andrew.Fisher@greeleygov.com by July 24.
 - B. Andrew is also trying to schedule the “Choose the Right Model” presentation by HDR and Kiewit in August. Date and location to be determined.
- XII. ASFPM Update – Brian Varrella**
- A. The next Flood TAP meeting is a combined US Army Corps of Engineers Silver Jackets meeting, and is scheduled on Monday, July 13 at 1313 Sherman Street, Denver. Discussion will focus on the on-going fires and the flash flooding potential during the monsoon season.
- XIII. UDFCD Funding Initiative – Deb Ohlinger**
- A. Deb updated the group on the November ballot initiative UDFCD is considering to address the effects of the 1992 Colorado Tax Payer’s Bill of Rights (TABOR) constitutional amendment.
 - 1. Discussed providing CASFM support for the initiative, as it aligns with the CASFM mission and purpose. CASFM has supported similar initiatives and measures in the past.
 - 2. It was noted that Jeff Shoemaker, The Greenway Foundation, is creating a non-profit for funding.
 - 3. It was agreed to provide CASFM support. Deb to draft a message.
 - 4. Brian Murphy also offered that small communities and newspapers look for articles and may be a resource.

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5. Discussed providing a CASFM donation of up to \$1000.

XIV. Other

- A. Kevin Houck indicated that Emergency Managers are concerned with the flood threat from the monsoon rain season. He inquired if there is a budget line item for disaster relief.
 1. Discussed providing up to \$5000 and to distribute to those affected, as needed.
 2. Will revisit at the September General Membership Meeting.
- B. Shea will issue the Call for Nominations for Elections.
- C. Discussed the upcoming contract for the 2020 Annual Conference, and transitioning the Facilities Coordinator role from Stuart Gardner. Discussed the challenge of finding locations that can accommodate our continued growth. Peak conference attendance occurred last year with 430 attendees. Currently, there are 991 CASFM members.

XV. Next Meeting – Wednesday, September 26, 2018 at the Annual Conference in Snowmass

XVI. Adjourn

- A. Motion to adjourn meeting by Stacey Thompson; 2nd by Morgan Lynch; motion approved unanimously.

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COMMITTEE AND REGIONAL REPRESENTATIVES REPORTS
July 13, 2018

Outreach & Training – Emily Villines

See attached report

Floodplain Management – Christopher Hodyl

Another opportunity to take the CFM test will be offered this year at the CASFM conference. As usual, we will be presenting a FP 101 series of presentations the day before the test. We currently have Kevin Houck, Stacy DeBittito - CWCB, and Chris Hodyl - J3 presenting as instructors. The floodplain committee chair is looking for one other instructor to presenting two or three units in the afternoon session. I have recently reached out to people who have taught in the past (but have yet to hear from them), but if someone attending Friday's meeting is interested, please have them contact me at chodyl@j3engineering.net.

Scholarship – Jacob James

The Scholarship Committee is actively seeking donations for the silent auction at the annual conference and would appreciate everyone putting the word out AND consider providing a donation from their organization.

The committee is also working on preparing the scholarship applications for this upcoming school year. Application deadlines will be in October.

Community Rating System – Marsha Hilmes-Robinson

No report

Stormwater Quality – Candice Owen

The 2018 Stormwater Quality Field Trip on Thursday, June 14th.

Colorado Flood TAP – Brian Varrella

Included with meeting agenda

Membership – Stuart Gardner

No report

Young Members Group – Jeremy Deischer

No report

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Annual Conference – Sarah Houghland

Included with meeting agenda.

Metro Region – Debbie Fisher

Included with meeting agenda

Northwest Region – Jonathan Kelly

No report

Southwest Region – Steve Westbay

No report.

Northeast Region – Andrew Fisher

No report.

Southeast Region – Kevin Binkley

In June, the CASFM SE Region held a Networking and Speaker Series event in the Barrel Aging Room at the Bristol Brewing Ivywild complex. HDR's Matt Johnson, P.E., and Kiewit's Brinton Swift, P.E., provided a presentation on "Selecting the Right Hydraulic Model" to a group of approximately 15-20 participants. The presentation focused on providing an overview of the wide range of hydraulic modeling software available and walking the audience through a basic flow chart to support selection of an appropriate hydraulic model for various project conditions.

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CASFM Outreach & Training Committee Report – July 13, 2018

For Discussion:

- Leadership/Collaboration Training
 - Wanted to mention that we still have 5 open spots if anyone is still interested
 - Showing a -\$75 deficit for the program, but we think that we can make it up by decreasing food costs
- Research Grant Application
 - We have had an application for this year's Research Grant
 - Earth Force is a nonprofit that works with educators to create engaging, hands-on classrooms that empower students to solve environmental problems, has partnered with FEMA Region VIII to work with Colorado schools to decrease local communities' flood risk.
 - Classroom Project Development – As a class, students are challenged to research flooding in their community, identify local flood risks, and devise realistic ways to reduce it. Based on this information, they collectively develop one proposal to enter into the competition. Proposals must demonstrate how students engaged their communities and based their solutions on scientific evidence and conclusions. They must also contain a detailed budget with a timeline for project completion. From the proposals received, five finalists are selected to present their ideas and compete for funding. Rocky Mountain Environmental Challenge (RMEC) – The contest's top five finalists present their projects at a summit to community member volunteer judges. Showcasing the projects in a public forum encourages students to develop communication skills and advocate for their research and projects. The top proposals, as determined by the judges, are eligible to have the supplies purchased to enable students to implement their projects. The top five proposals also receive monetary prizes awarded to the winning students' classrooms to further educational initiatives.
 - We are requesting \$2500 to cover substitute teacher costs for educators participating in the program. Subs are needed for educators when they attend the initial professional development session that introduces the RMEC and Earth Force's six-step process for classroom project development. Subs are also needed for the day educators bring their students to present at the RMEC summit.

Training Sessions

- Upcoming Collaboration Training instructed by Employer Council
 - Training on July 19
 - Currently at 20 registrants
 - Showing a -\$75 deficit, but we think we can make that up in lower food costs
- Completed our HECRAS Sediment Transport Training
 - Made just over \$700 profit
 - 25 attendees
 - Good review feedback from attendees



Website

- Website continues to progress. We have run into a few more kinks, but we are working hard to resolve them.
- We have updated the 2018 conference information. Sarah, let us know if you see anything missing.
- If any of the committees would like to update their respective committee pages, please email website@casfm.org

Social Media

- Social media is still going strong. Emily, Lisa, and Charlie are all contributing to both Twitter and LinkedIn.

Members:

Active Members: Emily Villines; Charlie Pajares; Stuart Gardner; Tyler Rosburg; Saman Mehdi; Lisa Lauver; Jeremy Deischer

Contributing Members: Holly Piza; Brian Varrella; Kimberley Pirri; Alan Turner; Craig Jacobson

For information about the Outreach & Training Committee, please reach out to the following contacts:

- Emily Villines, Chair: ecv@calibre.us.com
- Tyler Rosburg: Co-Chair: trosburg@iconeng.com
- Saman Mehdi: Website Co-Chair: Saman.Mehdi@jacobs.com

i. How are you proposing to use these funds for stormwater research?

Earth Force, a nonprofit that works with educators to create engaging, hands-on classrooms that empower students to solve environmental problems, has partnered with FEMA Region VIII to work with Colorado schools to decrease local communities' flood risk. The initiative contains two key elements:

1. *Classroom Project Development* – As a class, students are challenged to research flooding in their community, identify local flood risks, and devise realistic ways to reduce it. Based on this information, they collectively develop one proposal to enter into the competition. Proposals must demonstrate how students engaged their communities and based their solutions on scientific evidence and conclusions. They must also contain a detailed budget with a timeline for project completion. From the proposals received, five finalists are selected to present their ideas and compete for funding.

2. *Rocky Mountain Environmental Challenge (RMEC)* – The contest's top five finalists present their projects at a summit to community member volunteer judges. Showcasing the projects in a public forum encourages students to develop communication skills and advocate for their research and projects. The top proposals, as determined by the judges, are eligible to have the supplies purchased to enable students to implement their projects. The top five proposals also receive monetary prizes awarded to the winning students' classrooms to further educational initiatives.

The inaugural RMEC summit took place in Fort Collins on May 10, 2018, and included students from Fort Collins and Estes Park. FEMA is eager to expand the program's reach to more communities, educators, and students with a goal of hosting the second RMEC in May of 2019.

ii. When will the funds be used?

The funds will be used in the 2018-2019 school year, with the entirety of funds expended by June 2019.

iii. What portion of the available research funds (\$2500 per year) would you need to accomplish your goals?

We are requesting \$2500 to cover substitute teacher costs for educators participating in the program. Subs are needed for educators when they attend the initial professional development session that introduces the RMEC and Earth Force's six-step process for classroom project development. Subs are also needed for the day educators bring their students to present at the RMEC summit.

iv. Who will benefit from this research?

Participating students, educators, schools, and Larimer County residents are the primary beneficiaries of this work, which will result in tangible flood-risk-mitigation projects. Floods have played and continue to play a major role in shaping Larimer County, which faces elevated risks of waterway flooding, flash floods, and street flooding after extreme rainfall events. Unfortunately most residents do not have an understanding of the risk flooding poses, let alone the floodplain management knowledge or skills to mitigate the risk. FEMA's Flood Risk Awareness Survey showed that only 30% of respondents believed in flood risks in their community. The majority (90% of respondents) do not "believe flooding was the primary hazard their communities faced."¹

¹ About The High Water Mark Initiative. (n.d.). Retrieved from <https://www.fema.gov/about-high-water-mark-initiative> 12.10.2017

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GENERAL MEMBERSHIP SIGN-IN SHEET:

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Carrie Gudorf	Mesa County	Carrie.gudorf@mesacounty.us
Stuart Gardner	CDOT	
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