

"CONNECTING WITH OUR COMMUNITY"



8TH ANNUAL CONFERENCE

September 22-24, 1997
Vail Cascade Hotel and Club
Vail, Colorado



CASFM
Colorado Association
of Stormwater and
Floodplain Managers

**FINAL PROGRAM
CASFM 1997 CONFERENCE**

“CONNECTING WITH OUR COMMUNITY”

Monday, September 22, 1997

8:30 - 10:00 am **Registration**

10:00 - 10:15 am **Introduction and Welcome**

Location: Ballroom E
Susan Hayes, Conference Chair
John Pflaum, CASFM Chair

10:15 - 11:45 am **Keynote Address**

Glenn Levy, Battalion Chief - Poudre Fire Authority
Emergency Management Coordinator, City of Ft. Collins

11:45 - 1:15 pm **Lunch**

Location: Ballroom D
“How Heavy Can It Rain in Colorado?”
Nolan Doesken, Colorado Climate Center, CSU

1:15 - 3:15 pm **Concurrent Sessions**

Flood Hazard Mitigation

Location: Ballroom F
Moderator: Dave Guetig

“Obtaining and Using Precipitation, Stream Flow, and Weather Data from the
UDFCD’s ALERT System and What’s Available off the Internet”

Kevin Stewart, Urban Drainage & Flood Control District

“Flood Hazard Mitigation in Colorado: A State Perspective - Past, Present and
Future”

Mark Matulik, Colorado Water Conservation Board

“Floods Following Fire”

Thomas Browning Colorado Water Conservation Board

Robert Jarett, US Geological Survey

Water Quality Moves Forward

Location: Ballroom E
Moderator: Terry Baus

“The Stormwater Program, Phase II”

Kathy Dolan, Colorado Dept. of Health and Environment

“Gates Crescent Park: A Model for the New Drainage Paradigm”

Jon Seier and John Norris, The Norris Dullea Company

“Porous Pavements: A New Approach to an Old Problem”

Raymond S. Rollings, USAE Waterways Experiment Station

Monday, September 22, - continued

3:15 - 3:30 pm **Break**

3:30 - 5:00 pm **Project Presentations:
1997 CASFM Award Nominations**

Location: Ballroom D
Moderator: John Doerfer

1. "Goldsmith Gulch Flood Control Project"
City and County of Denver, Urban Drainage and Flood Control District,
Sellards & Grigg Inc/Wenk Associates
2. "Dutch Creek Channel Improvements Project"
Town of Columbine Valley, Columbine Country Club, Urban Drainage &
Flood Control District, Love & Associates, Richard Phelps
3. "Templeton Gap Floodway Restoration Project"
City of Colorado Springs, Stormwater Management Team/Drainage
Maintenance Team
4. "Boulder Creek Watershed Awareness Program"
City of Boulder, Water Quality and Environmental Services/Stormwater
Quality Program

5:00 - 6:00 pm **Happy Hour**
Location: Vendor Room

Dinner on Your Own

Tuesday, September 23, 1997

7:00 - 8:00 am **Joint Committee Breakfast Meeting**
Location: Ballroom D

8:00- 10:00 am **Concurrent Sessions**

Community Value Perspectives

Location: Ballroom F
Moderator: Walt Pennington

- "What Price Aesthetics?"
Don Godi, Don Godi and Associates, Inc.
- "Combining Recreation and Flood Control in Denver's South Suburb's"
John Pflaum, McLaughlin Water Engineers
- "Estimating the Benefits of Urban Stream Restoration using the Hedonic Price
Method"
John Loomis, Colorado State University

Tuesday, September 23, 1997- continued

Innovative Project Approaches

Location: Ballroom E
Moderator: Tom Browning

“Design and Construction of Bendway Weirs on the Blue River near Silverthorne Colorado”

Steve Smith, URS Greiner

“Continuous Hydrologic & Hydraulic Modeling for Floodplain Mapping along the West Branch DuPage River, Illinois”

Steve Rogers, Woodward Clyde Consultants

10:00 - 10:15 am **Break**

10:15 - 12:15 pm **Concurrent Sessions**

Permitting and Grants

Location: Ballroom F
Moderator: Cindy Edwards

“Section 404 Permitting and Floodplain Management”

Tim Carey, U.S. Army Corp of Engineers

“Grant Programs for Environmental Education Projects”

Gene Backhaus, Natural Resources Conservation Service

“Section 319 Grant Opportunities”

Kevin McBride, City of Ft. Collins Stormwater Utility

Community Process I

Location: Ballroom E
Moderator: Doug Williams

“The Public Design Process”

Rob Layton, Design Concepts

“North Denver South Platte River Restoration”

David Love, Love and Associates and Marc Alston, Denver Mayor’s Office/EPA

“Implementation of Stormwater Detention at the US Air Force Academy”

Tom Knostman, The Sear Brown Group

12:15 - 1:00 pm **Lunch**
Box Lunch Provided for Workshop Participants

1:00 - 4:30 pm **Workshops**
Locations: Ballrooms E and F

1. HEC-RAS Ver. 2.0; River Analysis System Model
2. Water Quality Workshop; Non-Structural BMPs

4:30 - 5:30 pm **Break**

5:30 - 7:00 pm **Cocktail Hour in Vendor Room**

Tuesday, September 23, 1997- continued

7:00 - 10:00 pm **CASFM Association Dinner**
Location: Cascade Ballroom
1997 CASFM Project Awards Presentation
Grand Prize Drawings

Dinner Presentation

“Wet Art: The Watery Side of Environmental Art”
Lynne Hull, Environmental Artist

Wednesday, September 24, 1997

7:30 - 8:30 am **Breakfast in Vendor Room**

8:30 - 10:30 am **Concurrent Sessions**

Community Process II

Location: Ballroom F
Moderator: David Love

“Successful Public Involvement Techniques”
Gina McAfee, Carter & Burgess

“A Recipe for Redevelopment: Infrastructure Upgrades for Lowry Air Force Base”
Dennis Arbogast, BRW Inc.

“Lena Gulch Stabilization and Rechannelization, Lakewood, CO”
Christopher Crowley, Wright Water Engineers

River Enhancement

Location: Ballroom F
Moderator: Brad Anderson

“Roaring Fork River Restoration”
Paul Currier and Scott Fifer, Resource Engineers

“Colorado Statewide River Rehabilitation and Floodplain Management Program”
Larry Lang, Colorado Water Conservation Board

“Grande Ronde Valley Flood Control, Fish Habitat Enhancement, and Stream
Rehabilitation Study”
Douglas Trieste, Flow Technologies

10:30 - 10:45 am **Break**

10:45 - 11:45 am **Plenary Session**

Location: Ballroom E
Moderator: Cindy Thrush

“Impacts of Floods on Society, A Review of What We Already Know”
Dr. Roger Pielke Jr., National Center of Atmospheric Research

11:45 - Noon **Closing Remarks**

CASFM Chair
Stormwater and Floodplain Committee Chairs
Conference Evaluation

1:00 - 6:00 pm **Golf Tournament**

Location: Copper Mountain

Water Quality Workshop: Non-Structural BMP's

Tuesday, September 23 1:00 to 4:30 pm.

VAIL, COLORADO

AGENDA

1:00 - 1:30 pm Low Impact Development

Neil Winstein, TetraTech

Design site functionality from hydrology stand point (grading considerations; decreased lot disturbances, impervious surfaces, and water use.) Low Impact Development (LID) topics include: bioretention, Rain Gardens, open drainage systems, multi-functional detention/retention areas, culvert design, reductions in runoff impacts

1:45 - 2:45 pm Incorporating Water Quality Protection in Development Criteria

Less Tull, City of Austin

Developing water quality mitigation strategies using land-use controls. Non-structural BMPs in form of limitations on land development (e.g. impervious cover limits, creek setbacks)

Jon Sorenson, Stormwater Consultants

What does it take to overhaul Development Standards and Criteria? Identifying problem, and linking solutions to development criteria and incorporating these changes into existing ordinances, standards and criteria.

3:00 - 3:30 pm Landscape Policies: A Legacy of Aesthetics

Bill Wenk & Associates

Functional landscaping can provide both environmental benefits and screening. Explore the use of stormwater as a resource! Other topics: "boutique" wetlands, natural vs. manicured areas, maintenance issues and strategies for reducing runoff by increasing infiltration.

3:45 - 4:30 pm School Based Water Quality Education

Tammi Laninga, City of Boulder

Marcee Camenson, City of Fort Collins

Exploring the wonderful world of water can make you feel like a kid again! Come get your feet wet! In the process, learn how school based programs can be used to foster stewardship and protect water quality. We will discuss design, implementation, and evaluation of in-school programs / curriculum, and water festivals.

1997 CASFM ANNUAL CONFERENCE REGISTRATION

NAME	ORGANIZATION	ADDRESS	CITY/STATE/ZIP	PHONE/FAX
Rodney Albers	City of Fort Collins	700 Wood Street	Fort Collins, CO 80522-0580	(970) 224-6024 FAX 221-6593
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