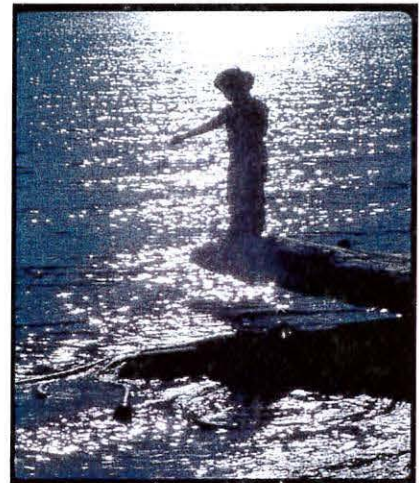
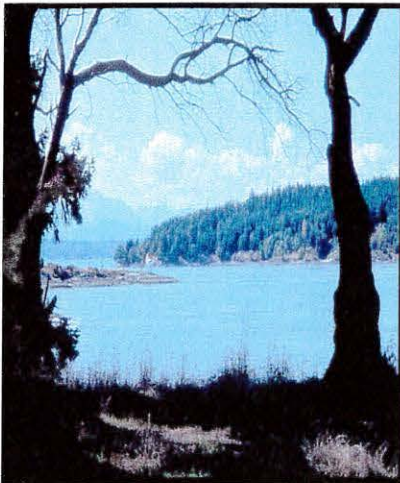


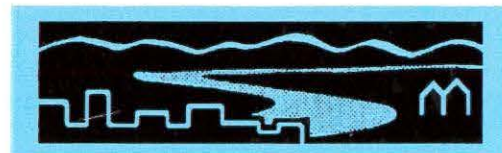
"Managing for Sustainable Watersheds"

1998 CASFM ANNUAL CONFERENCE



9TH ANNUAL CONFERENCE:

**September 30 - October 2, 1998
Sheraton Steamboat Resort
Steamboat Springs, Colorado**



C A S F M
Colorado Association
of Stormwater and
Floodplain Managers

**FINAL PROGRAM
CASFM 1998 CONFERENCE
"MANAGING FOR SUSTAINABLE WATERSHEDS"**

Wednesday, September 30, 1998

8:00 - 9:45 am **Registration in Foyer**

9:45 - 10:00 am **Introduction and Welcome**

Location: Storm Peak

**Brad Anderson, Conference Chair
Susan Duba Hayes, CASFM Chair
Public Works Director, Steamboat Springs**

10:00 - 11:15 am **Keynote Address**

Location: Storm Peak

"Pikes Peak Watershed Management Planning"

Vic Eklund, Jr., CF, Colorado Springs Utilities

Mr. Eklund, Natural Resources Planner and Certified Forester, has over 26 years working in watershed management planning for the Colorado Springs Utilities Water Resources Department (WRD). He is WRD's Project Manager for the Greater Pike's Peak Multi-Use Plan, a multi-agency regional planning effort.

11:30 - 1:00 pm **Lunch**

Location: Sunshine Peak

"Flood Mitigation Along the Elk River"

Christi Northrop, Saddle Mountain Ranch

Larry Lang, Colorado Water Conservation Board

1:00 - 2:30 pm **Concurrent Presentations**

Sustainable Watershed Management - I

Location: Storm Peak

Moderator: Jill Piatt

"Sustainable Watersheds -The Little Dry Creek Experience"

Dave Lloyd, Urban Drainage & Flood Control District

Mary Kay Provaznik, HDR Engineering

"Colorado Statewide Stream Rehabilitation and Floodplain Management Needs Inventory"

Larry Lang, Colorado Water Conservation Board

John Pflaum, McLaughlin Water Engineers, Ltd.

Wednesday, September 30, 1998 - continued

Flood Protection

Location: Twilight
Moderator: Sue Paquette

"The Making of a Disaster Resistant Community - Step 1: Proactive Floodplain Management"

Marsha Hilmes, City of Fort Collins

"Acquisition and Relocation as a Floodplain Management Tool"
Bill DeGroot, Urban Drainage and Flood Control District
Dave Lloyd, Urban Drainage and Flood Control District

2:30 - 3:00 pm **Break in Foyer**

3:00 - 5:00 pm **Project Presentations: 1998 CASFM Award Nominations**

Location: Storm Peak
Moderator: John Doerfer

- **Bear Canyon Creek Channel Improvements through Martin Park**
City of Boulder; Urban Drainage & Flood Control District;
Love & Associates, Inc.
- **Tom Frost Reservoir Improvements**
City of Broomfield; Urban Drainage & Flood Control District;
Rocky Mountain Consultants, Inc.
- **Implementation of the Rock Creek Stormwater Master Plan**
Superior Metropolitan District No. 1;
McLaughlin Water Engineers, Ltd.

5:00 - 6:30 pm **Happy Hour in Foyer**

Dinner on Your Own

Thursday, October 1, 1998

7:30 - 8:30 am **Joint Committee Breakfast Meeting**

Location: Mt. Werner

8:30- 10:00 am **Concurrent Presentations**

Revising Stormwater and Floodplain Management

Location: Storm Peak
Moderator: Tom Browning

"Westerly Creek"

Dennis Arbogast, BRW, Inc.

Robert Krehbiel, BRW, Inc.

"Rehabilitating a Stormwater System in a Partially-Developed Watershed"

Craig C. Houdeshell, GEI Consultants, Inc.

Ivy Wu, GEI Consultants, Inc.

Thursday, October 1, 1998 - continued

Sediment Control and Water Quality

Location: Twilight
Moderator: Cindy Edwards

"Phase II NPDES Stormwater Regulations"
Philipp Sieber, Woodward Clyde
"Using Geotextiles and Biotechnical Stabilization to Improve Storm
Water Quality"
Lee Pierce, Synthetic Industries

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

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

Technical Session I: FEMA UPDATE

Location: Twilight
Moderator: Greg Koch

"NFIP Flood Map Correction Procedures"; "NFIP Regulatory
Requirements to Accept Hydrology and Hydraulics Models"; and
"FEMA's Flood Hazard Map Modernization"
John Liou, Federal Emergency Management Agency, Region 8

Technical Session II: Water Quality Update

Location: Storm Peak
Moderator: Craig Houdeshell

"Water Quality Update: Volume III of the Urban Storm Drainage Criteria
Manual"
John Doerfer, Urban Drainage & Flood Control District

12:15 - 1:00 pm **Lunch - Box Lunch for Technical Session/Field Trip Participants**
or 1:30 pm Location: Sunshine Peak

1:00 - 4:00 pm **Concurrent Technical Session/Field Trip**

1:30 - 4:00 pm **Technical Session III: Floodplain Management 201**

Location: Storm Peak
Moderator: Brian Hyde

"Floodplain Management in a Rapid Growth Environment"
Don Glondys, Woodward Clyde

1:00 - 4:00 pm **Technical Session IV: Elk River Drainage Field Trip**

Location: Twilight
Moderator: Doug Trieste

4:00 - 5:00 pm **Break in Foyer**

Thursday, October 1, 1998 - continued

5:00 - 7:00 pm **Cocktail Hour in Foyer**

7:00 - 10:00 pm **CASFM Association Dinner**
Location: Sunshine Peak

“Steamboat Springs - Historic Perspective”
John R. Fetcher, Upper Yampa District

1998 CASFM Project Awards Presentation
Grand Prize Drawings

Friday, October 2, 1998

7:30 - 8:30 am **Continental Breakfast in Foyer**

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

Technical Session V: Mountain Communities

Location: Twilight
Moderator: Brian Hyde

“Stormwater and Floodplain Management in Mountain Communities”
Peggy Bailey and Bill Fullerton, FLO Engineering;
Mike Gamba, Jerome, Gamba & Associates
Penn Gildersleeve, ICON Engineering

Technical Session VI: Structural BMPs

Location: Storm Peak
Moderator: Jim Wulliman

“Structural BMPs at Development Sites - A Level Playing Field?”
Rob Zuber, Stormwater & Environmental Consultants

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

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

Location: Storm Peak
Moderator: Brad Anderson

“Benchmarking of Selected Stormwater Utilities in Colorado”
Jon Sorensen, Stormwater & Environmental Consultants
Donna Scott, City of Boulder

11:45 - Noon **Closing Remarks**
Susan Duba Hayes, CASFM Chair
Stormwater and Floodplain Committee Chairs
Conference Evaluation

1:00 - 6:00 pm **Golf Tournament at Sheraton Steamboat Golf Course**

1998 CASFM CONFERENCE ATTENDANCE LIST

<u>Name</u>	<u>Organization/Address</u>	<u>Phone Number</u>	<u>Fax Number</u>
Carolyn Adams	Colorado Water Conservation Board 1313 Sherman Street, Rm 721 Denver, CO 8020	303-866-3441	303-866-4474
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Penn Gildersleeve	ICON Engineering, Inc. 7108-B South Alton Way Englewood, CO 80112	303-221-0802	303-221-4019
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