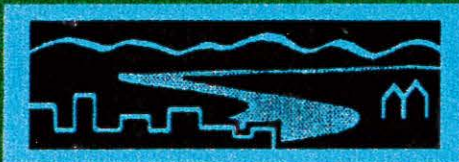
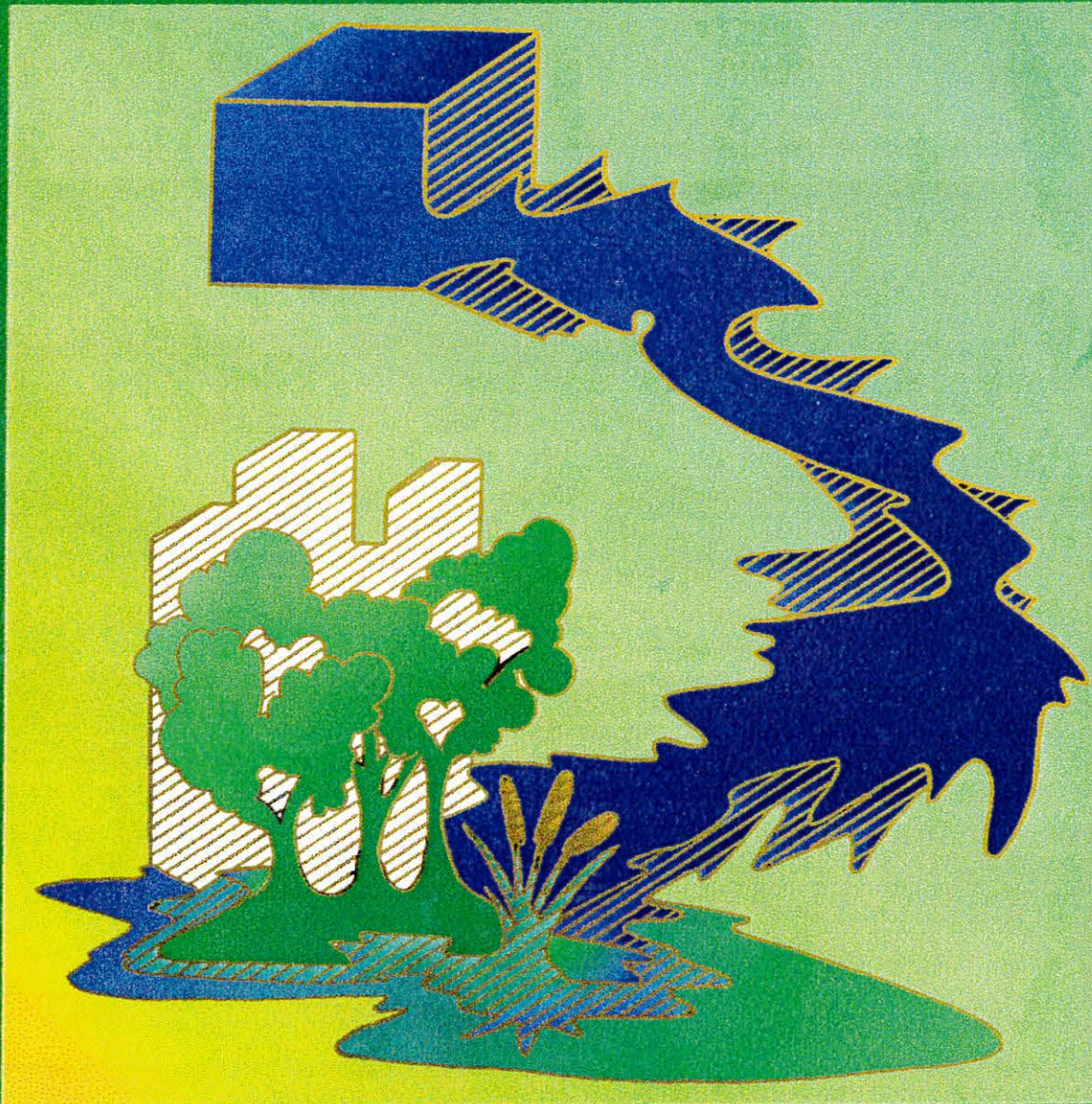


*"THINKING OUTSIDE THE BOX.....
EXPAND YOUR HORIZONS"*



CASFM

Colorado Association
of Storm Water and
Floodplain Managers

7TH ANNUAL CONFERENCE

September 18 - 20th, 1996
Vail Cascade Hotel and Club
Vail, Colorado

**FINAL PROGRAM
CASFM 1996 CONFERENCE**

“THINKING OUTSIDE THE BOX...EXPAND YOUR HORIZONS”

Wednesday, September 18, 1996

8:30-10:00 am Registration

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

Centennial Ballroom E&F
Susan Hayes, Conference Chair
John Pflaum, CASFM Chair

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

David Neenan
President of the Neenan Company, Fort Collins, Colorado

11:45- Noon Break

12:00-1:30 pm

Lunch
Cascade Room

“The Benefits of Partnering and Project Facilitators”
Ted Borstad, RBD, Inc.

1:30-3:00 pm

Concurrent Sessions
Stream Enhancement I

Centennial E
Moderator: Brad Anderson

“Restoration of the Provo River in Utah”

Edwin G. “Chip” Paulson, Montgomery-Watson Americas, Inc.

“Drop Structures in the Real World, Guidelines for Drop Structures in Grass-Lined and Wetlands Channels”

Katherine J. Chase and Peter L. Nelson, Taggart Engineering

“Public Perception of Waterfront Design”

Art Anderson, Estes Park Urban Renewal Authority

Spencer Nickel, Design Studios West

Water Quality

Centennial F
Moderator: Cindy Edwards

“Water Quality Control at Rocky Flats: A Wet Detention Model for Stormwater Radionuclide Removal”,

Greg Wetherbee, Water Measurement Technologies

“The New NPDES Municipal Stormwater Permits”

Kathy Dolan, Colorado Department of Public Health and Environment

“Water Quality Ponds: Solutions for Varied Requirements”

Walter Pennington, HDR Engineering, Inc.

Wednesday, September 18 - continued

3:00-3:15 pm Break

3:15-4:30 pm **Project Presentations:
1996 CASFM Award Nominees**

Centennial E&F

Moderator: John Doerfer

1. "South Platte River Improvements - Confluence Park
City and County of Denver, Urban Drainage and Flood Control District,
McLaughlin Water Engineers, Ltd.

2. "Goose Creek Channel Improvements"
City of Boulder, Urban Drainage and Flood Control District,
Greenhorne & O'Mara, Inc.

3. "Stormwater Management Planning for Stapleton Redevelopment"
City and County of Denver, Urban Drainage and Flood Control
District, McLaughlin Water Engineers, Ltd./Wenk Associates

4. "Georgetown 1995 Flood Disaster Mitigation"
Clear Creek County, Office of Emergency Management

4:30-5:30 pm **Happy Hour**
Vendor Room - Centennial Foyer
Dinner on Your Own

Thursday, September 19, 1996

7:30-8:30 am **Joint Committee Breakfast Meeting**
Centennial E&F

8:45-10:15 am **Concurrent Sessions**
Ecological Approaches and Riparian Considerations

Centennial E

Moderator: Mark Matulik

"Is Sustainable Ever Attainable?"

Donald H. Godi, Donald H. Godi & Associates, Inc.

"Hidden Environmental Impact and Opportunities in Engineered Solutions"

Peggy Anderson, Anderson & Co.

"Colorado Regulations for Preserving Riparian Corridors"

Jonathan Kelley, Wright Water Engineers, Inc.

Varied Applications of Paleohydrology

Centennial F

Moderator: Mike Grimm

"Paleoflood Hydrology, Design of Hydraulic Structures and Water Resources
Management"

Robert Jarrett, U.S. Geological Survey

"Paleohydrologic Bounds and the Frequency of Extreme Floods"

Daniel Levish, U. S. Bureau of Reclamation

"Benefits of Applied Paleoflood Research at the Rocky Mountain Arsenal",

Joseph Capesius, U.S. Geological Survey

Thursday, September 19 - continued

10:15-10:30 am Break

10:30- Noon **Concurrent Sessions**

Watershed Planning

Centennial F

Moderator: Brian Hyde

"Incorporating Water Quality into Major Drainageway and Watershed Plans"

John Doerfer, Urban Drainage and Flood Control District

"Fountain Creek Watershed Project"

Thomas Johnson, Pikes Peak Area COG

"Spreading the Word: Education For Children (And Their Parents)"

Donald Adcock, The Children's Museum of Denver, Inc.

Stream Enhancement II

Centennial E

Moderator: Craig Houdeshell

"Successful Implementation of Grouted Boulder Grade Control Structures on Drainageways in the Denver Metropolitan Area"

John Pflaum, McLaughlin Water Engineers, Ltd.

"Roots, Not Riprap"

Jay Windell, Aquatic & Wetland Consultants

"Parkwood Lake Bank Stabilization"

Jeff Lakey, Consulting Landscape Architect

12:00-1:30 pm

Lunch

Centennial E&F

Field Trip Presentation, Russell Forrest, Town of Vail

1:30-4:00 pm

Field Trip

Katsos Ranch Park

4:00-5:00 pm

Break

5:00-7:00 pm

Cocktail Hour in Vendor Room

Centennial Foyer

7:00-10:00 pm

CASFM Association Dinner

Cascade Room

1995 CASFM Project Awards Presentation

Grand Prize Drawings

Dinner Presentation

"Why the Back Door? Town Development and Rivers in the Rocky Mountain West"

Art Anderson, Estes Park Urban Renewal Authority

Friday, September 20, 1996

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

8:45-10:15 am **Concurrent Sessions**
Erosion and Sediment Management

Centennial E
Moderator: Dave Guetig

- "Proper Use and Selection of Erosion Control Products"
William Agnew, REVEG Environmental Consulting, Inc.
- "Control of High Flow Stormwater at the Goddard Avenue Bypass, Trinidad, CO"
Dwight Cabalka, American Excelsior Company
- "Straight Creek/I-70 Corridor Enhancement Project"
Rick Moser, Turner Collie & Braden
Wes Goff, Colorado Department of Transportation

Dealing With Political Realities

Centennial F
Moderator: Tom Browning

- "Goldsmith Gulch Flood Control Project"
Dave Lloyd, Urban Drainage and Flood Control District
Charles A. McKnight, Sellards & Grigg, Inc.
- "Big Goose Creek Drop Structure Replacement in Sheridan, WY"
Brad Anderson, Lidstone & Anderson, Inc.
- "San Joaquin Area Flood Control Agency Flood Protection Restoration Project, Stockton, CA"
Walter Pennington, HDR Engineering, Inc.

10:15-10:30 am Break

10:30-11:45 am **Plenary Session**
Centennial Ballroom E&F
Moderator: Brian Hyde

- "Multi-Objective Flood Hazard Mitigation for Watersheds"
Bob Cox, Federal Emergency Management Agency
Region VIII

11:45- Noon **Closing Remarks**

CASFM Chair
Stormwater and Floodplain Committee Chairs
Conference Evaluation

1:00 - 6:00 pm **Golf Tournament**
Eagle-Vail Golf Club, Avon

1996 CASFM ANNUAL CONFERENCE REGISTRATION

NAME	COMPANY/AGENCY	ADDRESS	PHONE NUMBER	FAX NUMBER
Nick Adeh	City of Aspen	130 South Galena Street Aspen, Colorado 81611	970-920-5080	970-920-5197
William Agnew	Revegetation Exchange, Inc	8941 Woodland Road Longmont, Colorado 80503	303-772-4335	303-772-4349
John Althoff	Eagle County	P.O. Box 850 Eagle, Colorado 81631	970-328-8760	970-328-7185
Art Anderson	Estes Park Urban Renewal Authority	P.O. Box 1200 Estes Park, Colorado 80517	970-586-5331	970-586-2816
Brad Anderson	Lidstone & Anderson	736 Whalers Way, Suite F-200 Fort Collins, Colorado 80525	970-226-0120	970-226-0121
Peggy Anderson	Anderson & Company	420 Sunset Street Longmont, Colorado 80501	303-776-4636	303-684-9800
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Chuck Austin	Revegetation Exchange	P.O. Box 208 Hygiene, Colorado 80533	303-772-4335	303-772-4349
Jim Baker	Amcor Precast	8382 Riverview Parkway Littleton, Colorado 80125	303-791-1100	303-791-1120
Len Ballek	Bitterroot Restoration	445 Quast Lane Corvallis, Montana 59828	406-961-4991	406-961-4626
Michael Bartusek	Associated Design Professionals, Inc.	118 North Tejon Street, Suite 400 Colorado Springs, Colorado 80903	719-633-4992	719-633-2539
Terry Baus	City & County of Denver	2000 West 3rd Avenue Denver, Colorado 80223	303-446-3400	303-446-3589
Joe Beilman	Mesa County Engineering	750 Main Street P.O. Box 20000 Grand Junction, Colorado 81502-5022	970-244-1728	970-244-1639
Richard Berhardt	City of Westminster	4800 West 92nd Avenue Westminster, Colorado 80030	303-430-2400	303-426-5857
Kevin Berryhill	City of Westminster	4800 West 92nd Avenue Westminster, Colorado 80030	303-430-2400	303-426-5857
Rob Bishop	Town of Telluride	P.O. Box 3301 Telluride, Colorado 81435	970-728-3071	970-728-3078
Ted Borstad	RBD, Inc. Engineering Consultants	209 South Meldrum Fort Collins, Colorado 80521	970-482-5922	970-428-6368
Terry Bowen	Boyle Engineering Corporation	165 South Union Blvd, Suite 200 Lakewood, Colorado 80228	303-987-3443	303-987-3908
Tom Browning	Colorado Water Conservation Board	1313 Sherman Street, Room 721 Denver, Colorado 80203	303-866-3441	303-866-4474

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NAME	COMPANY/AGENCY	ADDRESS	PHONE NUMBER	FAX NUMBER
Dwight Cabalka	American Excelsior Company	850 Avenue H East P.O. Box 5067 Arlington, Texas 76005-5067	817-640-1555	817-640-3570
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Bob Cox	Federal Emergency Management Agency VIII	Denver Federal Center - Building 710 P.O. Box 25267 Denver, Colorado 80225-0267	303-235-4714	303-235-4849
Ron Daniels	Contech Construction Products, Inc.	4891 Independence Street #195 Wheatridge, Colorado 80033	303-431-8999	303-431-0821
Robert Deeds	City of Littleton	2255 West Berry Avenue Littleton, Colorado 80165	303-795-3865	303-795-3707
Bill DeGroot	Urban Drainage & Flood Control District	2480 West 26th Avenue, Suite 156-B Denver, Colorado 80211	303-455-6277	303-455-7880
John Doerfer	Urban Drainage & Flood Control District	2480 West 26th Avenue, Suite 156-B Denver, Colorado 80211	303-455-6277	303-455-7880
Kathy Dolan	Colorado Department of Health	1695 Syracuse Street Denver, Colorado 80220	303-692-3596	303-782-0390
Dale Dannels	Bowman Construction Supply, Inc.	2310 South Syracuse Way Denver, Colorado 80231	303-696-8960	303-696-0620
Cindy Edwards	Arapahoe County Department	5334 South Prince Street Littleton, Colorado 80166	303-795-4640	303-794-3201
Garth Englund	Colorado Department of Transportation	4201 East Arkansas, Room 415 Denver, Colorado 80222	303-757-9342	303-757-9868
Saeed Farahmand	City & County of Denver	2000 West 3rd Avenue Denver, Colorado 80223	303-446-3400	303-446-3589
Bill Frownfelter	Town of Telluride	P.O. Box 397 Telluride, Colorado 81435	970-728-2177	970-728-0548
Penn Gildersleeve	Greenhorne & O'Mara, Inc.	3131 South Vaughn Way, Suite 428 Aurora, Colorado 80014	303-755-9000	303-755-2765
Kevin Gingery	RBD, Inc. Engineering Consultants	209 South Meldrum Fort Collins, Colorado 80521	970-482-5922	970-428-6368
Daniel Giroux	Tuttle Applegate	11990 Grant Street, Suite 555 Denver, Colorado 80233	303-452-6611	303-452-2759
Mark Glidden	Merrick & Company	P.O. Box 22026 Denver, Colorado 80222	303-751-0741	303-751-2581

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Donald Godi	Donald H. Godi & Associates, Inc.	7805 West Hampden Lakewood, Colorado 80227	303-989-2853	303-989-2854
Elizabeth Golebiewska	City of Greeley	1000 10th Street Greeley, Colorado 80631	970-350-9809	970-350-9736
Mike Grimm	City of Fort Collins Stormwater Utility	P.O. Box 580 Fort Collins, Colorado 80522	970-224-6036	970-221-6239
Al Gross	Colorado Department of Transportation	4201 East Arkansas, Room 415 Denver, Colorado 80222	303-757-9343	303-757-9868
Don Grzesiek	Carder Concrete Products	8311 West Carder Court Littleton, Colorado 80125	303-791-1600	303-791-1710
David Guetig	Galloway, Romero & Associates	14202 East Evans Avenue Aurora, Colorado 80014	303-745-7448	303-745-7480
Charles Gustafson	Wilson & Company	455 East Pikes Peak Avenue, Suite 200 Colorado Springs, Colorado 80903	719-520-5800	719-520-0108
Susan Duba Hayes	City of Fort Collins Stormwater Utility	P.O. Box 580 Fort Collins, Colorado 80522	970-221-6589	970-221-6239
Jim Heintz	Advanced Drainage Systems	P.O. Box 2103 Fort Collins, Colorado 80522	800-733-7235	970-493-8920
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Brian Hyde	Colorado Water Conservation Board	1313 Sherman Street, Room 721 Denver, Colorado 80203	303-866-3441	303-866-4474
Tom Johnson	Fountain Creek Watershed Project	15 South 7th Street Colorado Springs, Colorado 80905	719-471-7080	719-471-1226
Terry Keane	Colorado Department of Transportation	202 Centennial Glenwood Springs, Colorado 81601	970-945-8187	970-945-3860
Jonathan Kelly	Wright Water Engineers	2490 West 26th Avenue, Suite 100A Denver, Colorado 80211	303-480-1700	303-480-1020

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Larry Lang	Colorado Water Conservation Board	1313 Sherman Street, Room 721 Denver, Colorado 80203	303-866-3441	303-866-4474
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September 11, 1996