

CASFM 2004 CONFERENCE PROGRAM
“High Water – Low Budgets”

Tuesday, September 21, 2004

10:00 am-5:00 pm Certified Floodplain Manager Training Session

Location: Teddy Roosevelt Room
Chris Tagert, URS and Erin Ansell, CDM

Wednesday, September 22, 2004

7:00 - 10:00 am Certified Floodplain Manager Exam

Location: Teddy Roosevelt Room
Chris Tagert, URS and Erin Ansell, CDM

8:00 - 9:45 am Registration in Taft Room

Bruce Behrer, Muller Engineering

9:45 - 10:00 am Introduction and Welcome

Location: Devereaux Grand Ballroom
Brad Anderson, CASFM Chair

10:00 - 11:15 am Keynote Address “Flood Disasters of 2003”

Matt Kelsch from National Center for Atmospheric Research
Location: Devereaux Grand Ballroom

11:30 – 1:00 pm Lunch

Location: Colorado Room
Introduction of 2004/2005 Officers

1:00 - 2:30 pm Plenary Session – “Initiating a Voluntary Stormwater Quality Program in Glenwood Springs”

Location: Devereaux Grand Ballroom
Moderator: Mark Glidden, CH2MHill
Bill McKee, Colorado Dept of Public Health & Environment
Mike Pelletier, City of Glenwood Springs
Kristine Crandall, Roaring Fork Conservancy
Dave Merritt, Glenwood Springs Council/River District

2:30 - 3:00 pm Break in Vendor Areas

3:00 - 5:00 pm Project Presentations: 2004 CASFM Award Finalists

Location: Devereaux Grand Ballroom
Moderator: John Pflaum, ASCG, Inc.

- Goose Creek Improvements in a Developed Urban Environment
Mike Galuzzi, ASCG and Douglas Sullivan, City of Boulder
- Douglas County Grading, Erosion and Sediment Control Manual
Jim Wulliman, Muller and Erik Nelson, Douglas County
- Comprehensive Stormwater Management for the Stapleton Development
Robert Krehbiel, Matrix, Michelle Leach, Domani, Frank Kemme, Denver
- Sheldon Lake Drainage Improvements
Andrea Faucett, Stantec Consulting, and Link Mueller, City of Fort Collins

5:00 - 6:30 pm Happy Hour in Vendor Exhibit Area
Dinner on your own

Thursday, September 23, 2004

7:30 - 8:30 am

General Membership Breakfast Meeting

Introduction of 2004/2005 Scholarship Recipient, Kelly Hargadin
Location: Devereaux Grand Ballroom
All members welcome

8:30 – 12:00 pm

Concurrent Technical Sessions

(10:00 – 10:30 am

Break)

Stream Restoration

Location: Devereaux Grand Ballroom

Moderator: Brad Anderson, Anderson Consulting Engineers

“Construction Constraints on an Urban Channel”

Douglas Sullivan, City of Boulder and Gregory Chol, ASCG, Inc.

“Grade Control Design for Channel Restoration on the Rio Grande”

Scott Hogan, Ayres Associates

“Restoration of an Urban River – Fountain Creek Improvements in Colorado Springs”

Cory Hooper and Kyle Hamilton, CH2M Hill

“A New Solution Gives an Urban Stream New Life”

Kevin Houck, CWCB and Paul O’Malley, SI Geosolutions

“Lakewood Gulch Channel Improvements: Stabilizing an Incised Channel on a Fixed Budget”

Douglas Stewart, Boyle Engineering Corporation and Terry Rogers, Lakewood

“Award Winning North Canadian River Project”

Ed Toms, Boyle Engineering

Floodplain Map Modernization and Criteria

Location: Teddy Roosevelt Room

Moderator: David Mallory, Urban Drainage & Flood Control District

“Colorado’s Business Case Plan for Map Modernization”

Tom Browning, CWCB, and Chris Tagert and Steve Rogers, URS Corporation

“Anatomy of a Digital Flood Insurance Rate Map (DFIRM) Project”

Tom Browning and Brian Hyde, CWCB, and Joshua Price, PBS&J

“Getting Ready for Map Modernization – A Guide for Communities”

Brian Hyde, CWCB and Chris Tagert, URS Corporation

“Digital Flood Map Production – Lessons Learned”

Brian Hyde, CWCB, and Ron Enserro and Chris Tagert, URS Corporation

“CWCB Colorado Floodplain and Stormwater Criteria Manual”

Yong Song, WRC Engineering

Storm Drainage Master Planning

Location: Colorado Room

Moderator: John Doerfer, Urban Drainage & Flood Control District

“Denver Drainage Master Planning”

David Ridenour, City and County of Denver; and
Robert Krehbiel and John Blanchard, Matrix Design Group, Inc.

“Denver Montclair Basin Stormwater Management Plan”

Tom Blackman, City and County of Denver; and
Kurt Bauer, ASCG, Inc.

“Development of Water Quality Management Plan: Vision Overview and Process”

Terry Baus, City and County of Denver, and
Jonathan Jones and Jane Clary, Wright Water Engineers

“Denver Water Quality Management Plan: Development of a BMP Pattern Book for Denver”

Jim Wulliman, Muller Engineering; and
Bill Wenk, Paul Thomas and Ilene Marcus-Flax, Wenk Associates

Panel Discussion – Issues of Storm Drainage Master Planning

David Ridenour, City and County of Denver
Terry Baus, City and County of Denver
John Blanchard, Matrix Design Group, Inc.
Jonathan Jones, Wright Water Engineers

“Potential Design Storm Implications of Historical Radar Observations”

John F. Henz, William J. Badini, Brayn Rappolt, Rob Rahrs and Daniel Henz
HDR Engineering, Inc.

- 12:00 - 1:30 pm **Lunch**
Location: Box Lunch set up in the Grand Lobby
Board Member Lunch Meeting on Veranda
- 1:30 - 4:30 pm **Concurrent - Workshops/Field Trip**
(3:00 – 3:30 pm Break)
**Workshop #1 – Pre-Disaster Mitigation Grant Tactics:
How to do the FEMA Benefit-Cost Analysis**
Location: Teddy Roosevelt Room
Presenter: Don Glondys and Chris Tagert, URS
- Workshop #2 – The Importance of ‘Sense of Place’ in Designing Drainage
Improvements and Best Management Practices**
Location: Colorado Room
Presenter: Michelle Leach, Domani, and Paul Hindman, UDFCD
- Workshop #3 – Multi-Dimensional Flood Modeling and Mapping**
Location: Gallery
Presenter: Jesper Kjelds, DHI Inc.
- Field Bike Trip: River Trail**
Meeting Place: Courtyard
Guide: Rich Ommert, Moser & Associates
- 4:30 - 5:00 pm **Break** in Vendor Area
- 5:00 - 7:00 pm **Cocktail Hour and Vendor Exhibit** in Vendor Area
- 7:00 - 9:30 pm **CASFM Association Dinner and Awards Ceremony**
Location: Devereaux Grand Ballroom
Awards: John Pflaum, ASCG, Inc.
Observations: Stuart Gardner
- 2004 CASFM Project Awards Presentation
Grand Prize Drawings**

Friday, September 24, 2004

7:30 - 8:30 am **Breakfast**

8:30 - 9:00 am **Closing Remarks**
Location: Devereaux Grand Ballroom
CASFM Chair, Stormwater/Flood Committee Chair
Conference Evaluation

9:00 – 12:00 pm **Concurrent Technical Sessions**
(10:00 – 10:30 am Break)

Technical Floodplain Mapping

Location: Devereaux Grand Ballroom
Moderator: John Hunt, Ayres Associates

“Modeling Flood Flow Using a Spatially-Variable Historic Storm”
Ted Anderson, Hydrotechnica and Jimmy O’Brien, FLO-2D

“A Case Study in Converting Steady Flow HEC-RAS to Unsteady Flow: Methods, Debugging, Benefits and Recommendations”
Erin Ansell, Eric Loucks and Jeffrey Peters, CDM

“Dam Breach Analysis and Unsteady-State Modeling Using HEC-RAS and GIS as part of the Dry Creek Drainage Improvement Project”
Mike Phillips and Greg Glunz, URS Corporation

“Flood and Dambreach Modeling and Inundation Mapping”
Jesper Kjelds, DHI, Inc.

“Value-Added Project Database: More Than Just a Final Report”
Chad Kudym, HDR Engineering

Stormwater Management

Location: Colorado Room
Moderator: Chuck Childs, Short Elliott Hendrickson, Inc.

“The New EPA-SWMM V5: Captiol Basin H&H Analysis for the City of Cheyenne, WY”
Chris Carlson, Ayres Associates

“Updated Findings of the ASCE/USEPA National Urban Stormwater BMP Database”
Jane Clary, Melissa Figurski and Jonathan Jones Wright Water Engineers, Ben Urbonas, UDFCD and Eric Strecker, GeoSyntec Consultants

“Side-by-Side Comparisons of BMP and LID Technologies”
Thomas Ballesterio and Robert Roseen, University of New Hampshire

“Watershed Approach to Stream Health (WASH) Project Coordinated Compliance with Stormwater Permit Requirements”
Jeanne Boyle, ASCG, Inc. and David Hollingsworth, Longmont

“Douglas County’s Grading Erosion and Sediment Control (GESC) Manual”
Erick Nelson, Douglas County and Jim Wulliman, Muller Engineering

Drainage Policy Approaches

Location: Teddy Roosevelt Room

Moderator: Cindy Thrush, Urban Drainage & Flood Control District

“Irrigation and Stormwater Interaction – Denver High Line Canal”

Yong Song, WRC Engineering

“Recent Updates To NOAA/NWS Precipitation Frequency Estimates”

Tye W. Parzybok, Metstat, Inc. and Geoffrey M. Bonnin, NOAA

“Maintenance Eligibility and Master Plan Implementation”

David Mallory, UDFCD

“Recreational In-Channel Diversions: New Challenges and Opportunities for Water Use”

Tom Browning, CWCB and Rick McLaughlin, McLaughlin Rincon, Ltd.

“The National Flood Insurance Program (NFIP) Experience in Colorado”

Kevin Houck, CWCB

After Conference Options:

12:00 - 5:00 pm

Golf Tournament at Glenwood Springs Golf Club

Contact: Mike Bartusek, Associated Design Professionals

or

1:00 - 5:00 pm

River Raft Trip

Contact: Betsy Suerth, Town of Basalt or
Ray Tenney, Colorado River Water Conservation District