

AGENDA

Safety Evaluation of Existing Dams International Technical Seminar and Study Tour June 6-15, 2016

Rio Grande Room

Lodging will take place at the SpringHill Suites Downtown
1190 Auraria Parkway, Denver, Co 80204

NOTE: PHOTO IDENTIFICATION (PASSPORT) IS REQUIRED PRIOR TO ENTRANCE AT THE DENVER FEDERAL CENTER

Monday, June 6

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| 8:00 a.m. | Board motorcoach for transport to the Denver Federal Center, Reclamation Offices |
| 8:30 – 8:45 | Registration check-in |
| 8:45 – 8:50 | Angela Medina , Senior International Affairs Specialist- Denver |
| 8:50 – 9:00 | Welcome – Bruce Muller , Director, Safety, Security and Law Enforcement |
| 9:00 – 9:45 | Participants' Introduction, Overview of the Bureau of Reclamation – Jeanne Major |
| 9:45 – 10:15 | Historical Background on Dam Safety – Tim Tochrtop |
| 10:30 – 11:00 | Security Program Overview - Dan Knox |
| 11:00 – 11:15 | Break |
| 11:15 – 12:30 | Lessons from Dam Incidents - Jay Stateler |
| 12:30 – 1:15 | Lunch |
| 1:15 – 1:45 | Operation and Maintenance Perspectives and Considerations – Darrel Krause |
| 1:45 – 2:00 | Group photo |
| 2:15 – 3:45 | Tour of the Bureau of Reclamation Engineering and Research Laboratories and Concrete Cylinder Test in Building 56. |
| 4:00 p.m. | Board motorcoach-return to hotel.
<i>Breakfast and Lunch provided</i> |

Tuesday, June 7

- 7:30 a.m. Board motorcoach for transport to the Denver Federal Center (Photo ID)
- 8:00 – 10:00 Identification of Failure Modes for Dam Safety Monitoring and Evaluation – **Jay Stateler**
(Break at 9:00am)
- 10:00 – 10:15 Break
- 10:15 – 11:45 Risk Analysis and Risk Assessment for Dam Safety – **Jeanne Major**
- 11:45– 12:30 Lunch
- 12:30 – 1:00 Hydrologic Hazard Analysis for Dam Safety – **Nicole Novembre**
- 1:00 – 1:30 Overview of the Role of Geologists in a Dam Safety Program – **Alison Warren**
- 1:30 – **Place Holder**
- 4:45 Board motorcoach- short ride to 240 Union Grill
- 5:00 Welcoming Reception-240 Union Grill-Appetizers and drinks provided
- 6:30 Board motorcoach-return to hotel
Breakfast and Lunch provided

Wednesday, June 8

- 7:30 a.m. Board motorcoach for transport to the Denver Federal Center (Photo ID)
- 8:00 –9:00 Structural Modifications – Concrete Dams and Appurtenant Structures-**Walt Heyder**
- 9:00 – 9:45 Standing Operating Procedures and Dam Operator Training- **Kevin Gagner**
- 9:45 – 10:00 Break
- 10:00 – 11:30 Instrumented Monitoring of Dams – **Rick Kelsic?**
- 11:30 – 12:15 Lunch
- 12:15 – 1:15 Seismic Design and Analysis of Dams - **Dave Gillette**
- 1:15 – 1:45 Seismic Hazard Studies for Dam Safety - **Dan Levish**
- 1:45 – 2:00 Break

2:00 – 2:30 Earthquake Notification and Response - **Dan Levish**

2:30 – 3:30 Inundation Modeling - **Bruce Feinberg**

3:30 – 3:35 Break

3:35 – 4:30 Emergency Action Planning, Exercises and Reporting – **Grant Sorensen**

4:30 Board motorcoach-return to hotel.
Breakfast and Lunch provided

Thursday, June 9

7:30 a.m. Board motorcoach for transport to the Denver Federal Center (Photo ID)

8:00 – 8:45 Examination of Appurtenant Structures - **Ernie Hall**

8:45 – 9:45 Inspection Maintenance, and Testing of Mechanical Equipment – **Kyle Converse**

9:45 – 10:00 Break

10:00 – 11:15 Examination of Concrete Dams - **Kevin Gagner**

11:15 – 12:00 Examination of Embankment Dams - **Kevin Gagner**

12:00 – 12:45 Lunch

12:45– 3:15 Seepage and Internal Erosion Workshop – **Ryan Woodruff**

3:15 – 3:30 Break

3:30 – 4:15 What Happens if the Canal Breaks - **Tony Wahl**

4:15 – 4:30 **Close out Technical Sessions / Study Tour information**

4:30 Board motorcoach-return to hotel
Breakfast and Lunch provided

Study Tour

Friday, June 10 Travel Day to Seattle, Washington

8:00 a.m. Check out of hotel and board Motorcoach
Travel to Seattle, Washington
Alaska Airlines Flight # 0679
Depart Denver, CO 11:25am / Arrive Seattle, WA 1:15pm
Ticket provided by Reclamation (Included in Registration Fee)

Overnight Seattle, Washington (Included in Registration fee)

Marriott Courtyard Downtown/Pioneer Square
612 2nd Avenue
Seattle, Washington 97101
1-206-625-1111

Breakfast provided

Saturday, June 11

FREE DAY – Seattle, Washington

Marriott Courtyard Downtown/Pioneer Square
612 2nd Avenue
Seattle, Washington 97101
1-206-625-1111

**All meals on your own*

Sunday, June 12

12:00 a.m. Check out of hotel

1:00 p.m. Board Motorcoach

Travel to Ellensburg, Washington (approx. 3hrs)

Overnight Ellensburg, Washington (included in Registration fee)

Hampton Inn
2705 Triple L Loop
Ellensburg, Washington 98926
1-509-933-1600

**All meals on your own*

Monday, June 13

8:00 a.m. Presentations-Cle Elum Dam, Easton Diversion Dam, and Kachess Dam
Room TBD

Board motorcoach-Travel to Cle Elum (approx. 25 miles)

Lunch

Site visit Cle Elum Dam

Board Motorcoach-Travel to Easton Diversion Dam (approx. 20 miles)

Site visit Easton Diversion Dam

Overnight Ellensburg, Washington (included in Registration fee)

Hampton Inn

2705 Triple L Loop

Ellensburg, Washington 98926

1-509-933-1600

Breakfast and lunch provided

Tuesday, June 14

8:30 a.m. Check out of hotel and board motorcoach

Travel to Kachess Dam (approx. 40 miles)

Simulated Exam

11:30 Travel to Seattle, Washington

Stop at Snoqualmie, Washington (45 miles)

Lunch (2hrs)

2:30 Depart Snoqualmie, Washington

3:30 Arrive Seattle, Washington

Holiday Inn Express & Suites, Seattle Sea-Tac Airport

19621 International Boulevard, SeaTac, Washington

1-202-824-3200

6:00 p.m. Board Motorcoach- Transport to Dinner

6:30 p.m. Close out Dinner – Location TBD

8:30 p.m. Return to Hotel

Breakfast, lunch and dinner provided

End of Reclamation Program