

DOI Dam Safety and Security Training
 Dam Safety and Security: Teton and Beyond
 May 17 – 19, 2016 ♦ Jackson, Wyoming

Tuesday, May 17			
Start	End	Topic	Presenter(s)
8:00	8:15	Welcome/Logistics & Establishing the importance of Dam Safety in Interior	Karen Knight
8:15	8:25	Preview of presentations and training objectives	TBD
8:25	8:40	Reclamation organization/culture pre-Teton:	TBD
8:40	9:10	Understanding Your Organization's Culture, Strengths and Weaknesses	Neil Parrett
9:10	9:15	Teton Dam Overview	Jeanne Major
9:15	9:30	Teton geology/foundation conditions – What was known before construction	Jeanne Major
9:30	9:45	Break	
9:45	10:00	Teton geology/ foundation conditions – What was learned later	Brent Carter
10:00	10:20	Design of embankment	Jeanne Major
10:20	10:25	Foundation design/construction	Dom Galic
10:25	10:35	Construction: 1972 - 75	Dom Galic
10:35	10:45	First fill	Dom Galic
10:45	11:05	Failure Saturday – Morning events	Mark Baker
11:05	11:15	Afternoon flood – Inundation path	Jim Mumford
11:15	11:35	Afternoon flood – Impacts	Jill Lawrence
11:35	1:05	Lunch	
1:05	1:25	Effectiveness of warning/loss of life	Bruce Feinberg
1:25	1:35	Initial Government Reactions	Mark Baker
1:35	1:45	The Teton Dam Disaster Claims Program of 1976: 7884 claims, \$322 million and 10 years	Jill Lawrence
1:45	2:15	Overview of Investigations	Jeanne Major
2:15	2:30	Break	
2:30	2:50	President Carter's Executive Order to Federal Agencies Addressing Safety of Large Dams within the Nation, and the Resulting Products Important to the DOI	Neil Parrett
2:50	3:20	What would we do differently today in design and first fill?	Bill Engemoen
3:20	3:50	The story of those who died in the Teton Dam failure and the lessons we learn from them	Nathaniel Gee
3:50	4:10	Review of Lessons Learned from Teton Failure	TBD
4:10	4:55	Security-related Threats and Vulnerabilities to Dams and Related Assets.	Rusty Schuster
4:55	5:00	Closing Remarks	Beth Boaz
5:00		Adjourn	

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Security				Seismic Issues			
8:00	9:00	Security risk assessments and standards	Rusty Schuster	8:00	9:30	Current practice of seismic analysis of dams	Dave Gillette
9:00	9:30	BIA Screening-level Security Reviews	Jack Byers (Consultant)				
9:30	9:45	Break		9:30	9:45	Break	
Agency Dam Safety Programs and Procedures				Seismic Issues (continued)			
9:45	10:05	Summary of recommendations from Independent Oversight Review	Beth Boaz	9:45	10:05	Liquefaction Case History	Stefanie Self (OSMRE)
10:05	11:05	Inspections & Exams	BLM: Elaine Lopez, moderator BIA: Delores Herman FWS: Audrey Coy NPS: Mark Baker Reclamation: Kevin Gagner	Teton-Related Details			
				10:05	10:35	Detailed technical discussion of Teton Failure modes	Dom Galic
				10:35	11:05	What would RCEM predict for Loss of Life in the Teton Failure?	Bruce Feinberg
11:05	11:35	Asset Management Supporting Dam Safety	Paul Peterson (BLM)	11:05	11:35	Non-dam-failure Risks and Floodplain Management Issues	Matt Young, Rinda Tisdale, and Chris Clopper (BIA)
11:35	1:00	Lunch		11:35	1:00	Lunch	

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Start	End	Title	Presenter(s)	Start	End	Title	Presenter(s)
1:00	2:00	EAP's: • Methods of preparation • Templates • Exercise participation • Making it simple and scalable	OSMRE: Josh Rockwell, moderator BIA: Rinda Tisdale BLM: Mike Montgomery FWS: Brad Iarossi NPS: Mark Baker Reclamation: Jade Soddell	1:00	1:30	750,000 Hydrographs?: Estimating Hydrologic Risk through Stochastic Methods	Amanda Stone
				1:30	2:00	Impacts of Climate Change and Wildfires on Hydrologic Hazard	Michele Minihane and Chris Clopper (BIA)
2:00	2:20	Standardizing EAP Emergency Levels	Jade Soddell	2:00	3:00	The Fontenelle Dam Incident: Precursor to Teton	Mark Baker
2:20	2:30	Value Planning Programs	Beth Boaz				
2:30	3:00	Use of Unmanned Aircraft Systems in the BLM: HX Dam Breach project	Lance Brady (BLM)				
3:00	3:15	Break		3:00	3:15	Break	
3:15	5:00	Concluding General Session					
3:15	3:45	Responding to Ongoing Seepage and Internal Erosion Incidents	Bob Dewey				
3:45	4:20	"Dam Safety, Evolution of a Program"	Video				
4:20	4:50	Perspectives on Teton	Panel discussion: Brent Carter, Jill Lawrence, Jim Mumford, Neil Parrett				
4:50	5:00	Field Trip logistics, JHA, and closing remarks	Beth Boaz				

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