



— BUREAU OF — RECLAMATION

International Risk Analysis Workshop

August 4-8, 2025

Workshop Agenda - Tentative/Draft

Monday, August 4

8:00	8:30	Registration check in
8:30	8:45	Welcoming Remarks
8:45	9:45	Participant Introductions Overview of the Bureau of Reclamation
9:45	10:15	Intro to RIDM
10:15	10:30	Break
10:30	11:15	Risk Analysis (RA) fundamentals part I
11:15	12:00	RA fundamentals part II
12:00	1:00	Lunch
1:00	1:45	RA fundamentals part III
1:45	2:45	Load conditions and load probabilities
2:45	3:00	Break
3:00	4:00	Inundation mapping
4:00	4:30	Q&A, float

Tuesday, August 5

8:00	8:30	Orientation, recap
8:30	9:15	Embankment dam Potential Failure Modes (PFM) and mechanisms
9:15	10:00	Trigger event; initiation and base rates
10:00	10:15	Break
10:15	11:00	Continuation, progression, breach
11:00	11:45	Embankment dam examples
11:45	12:45	Lunch
12:45	1:30	Concrete Dam PFMs
1:30	2:15	Spillway & Outlet Works Hydraulic PFMs (Jacking, Void, Plugging, Routings)
2:15	2:30	Break
2:30	3:15	Spillway & Outlet Works Structural PFMs (Wall Collapse, Gate Failure, Tower Failure)
3:15	3:45	Spillway Incident Prioritization Tool (Warning signs, Screening tools)
3:45	4:30	Operational PFMs, incident risk

Wednesday, August 6

8:00	8:30	Orientation, recap
8:30	10:30	Population at Risk (PAR) and consequence estimation
10:30	10:45	Break
10:45	11:30	Intro to the Public Protection Guidelines (PPG)
11:30	12:00	Confidence and uncertainty
12:00	1:00	Lunch
1:00	1:45	Building the dam safety case
1:45	2:30	Introduction to risk management
2:30	3:15	Prioritizing recommended actions
3:15	3:30	Break
3:30	4:15	Establishing a dam safety program
4:15	4:30	Q&A

Thursday, August 7

9:00	4:00	Olympus Dam site visit
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Friday, August 8

8:00	8:30	Orientation, recap
8:30	12:00	Risk Estimation Exercise - Dam background info, PFM development
12:00	1:00	Lunch
1:00	4:30	Risk Estimation Exercise

End of Program