

Day	Duration (minutes)	Topic	Presenter	Comment
1	30	Rock Scour Examples – Kariba Dam, Ricobayo Dam, Spaulding Dam, Paradise Dam, Boondooma Dam, others	George Annandale	
	30	Oroville Spillway	Les Harder, Holly Nichols, Craig Hall???	
	40	Basic Principles of Rock Scour	Mike George	Background information
2	20	Evolution of approaches to estimate scour of rock	George Annandale	Empirical, Semi-Empirical and Physics-based methods; summary of global knowledge
	30	Rapid assessment of scour potential	George Annandale	Levels 1 and 2 of RIDM
	30	Identification of Potential Failure Modes	Mike George	Level 2 of RIDM
	40	Spillway Inspection Experience	Bob McManus / Drew Kennedy	Case Studies
Analytical Techniques				
3	25	- Erodibility Index Method	George Annandale	Level 3 and 4
	15	- Pells Empirical Approach	George Annandale	Level 3
	30	- Block Theory	Mike George	Level 3 and 4
	20	- Comprehensive Scour Method	George Annandale	Level 4
	30	- Probabilistic Analysis	Mike George	Level 3 and 4
Project Examples				
4	30	- Spaulding Dam: EIM & Block Theory & CFD	Mike George	
	30	- Karahnjukar Dam, Iceland:	George Annandale	

Day	Duration (minutes)	Topic	Presenter	Comment
		Physical Model & EIM		
	30	- Success Dam: EIM & Block Theory & CFD	Mike George	
	30	- Eagle Nest: Physical Model & EIM	George Annandale	

BACKGROUND INFORMATION FOR DEVELOPMENT OF COURSE

