

Reservoir Safety Research Advisory Group

Theme Leadership. Rev Nov 2019

	Theme	2016 Strategy Linkages	Theme Lead	Deputies	Related ICOLD technical committees
1	Hydrology and Hydraulics	<ul style="list-style-type: none"> • Threats • Mechanisms of deterioration • Investigations • Repairs & improvements • Planning & design of new works & alterations 	Thomas Kjelden	Manousos Valyrakis, Daniel Thompson	C, S, Y
2	Geotechnics	<ul style="list-style-type: none"> • Threats • Mechanisms of deterioration • Investigations • Repairs & improvements • Planning & design of new works & alterations 	Elizabeth Bowman	Alan Brown, Kevin Briggs	E, L, LE,
3	Structures (incl. concrete dams)	<ul style="list-style-type: none"> • Threats • Mechanisms of deterioration • Investigations • Repairs & improvements • Planning & design of new works & alterations 	Andy Hughes	Newman Booth,	A, D, P
4	Operations, monitoring and surveillance	<ul style="list-style-type: none"> • Operations, monitoring & surveillance 	Newman Booth	Ian Scholefield	M, Q
5	Risk and hazard assessment	<ul style="list-style-type: none"> • Investigations • Risk/hazard assessment & tolerability • Repairs & improvements 	Alan Brown	Mark Morris	H
6	Environment, social, safety and welfare	<ul style="list-style-type: none"> • Environment, social, safety and welfare 	Daniel Thompson	Alan Brown	G, I, N, RE,
7	Dam breach, emergency planning & incident response	<ul style="list-style-type: none"> • Repairs & Improvements • Risk/hazard assessment & tolerability • Emergency planning • Environment, social, safety and welfare 	Mark Morris	Daniel Thompson	
8	Miscellaneous (seismicity, hydro-mechanical etc)	<ul style="list-style-type: none"> • All 	Ian Scholefield	Andy Hughes, Owen Jenkins	B, V