Attachment C2 - Mine Escape participants: Pre-Training Questionnaire

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1. Age	2. Gender: ☐ Male ☐ Female							
3. How many years of experience do you have								
As a miner? At your mine? In your current job?	 4. Which of the following training materials and methods does your mine use for your mine rescue team training? (check all that apply) Lectures Written materials 							
 5. Do you have training or experience with any of the following? (check all that apply) Volunteer fire fighting Professional fire fighting Military emergency response EMT/Paramedic Mine fire brigade Mine rescue team Mine responsible person Evacuating a mine due to a mine emergency 	 Videos Self-guided interactive computer programs Demonstrations Hands-on training exercises Group exercises (e.g., games, problem solving) Classroom simulations (e.g., virtual reality) Worksite simulations Narrative story telling 6. Have you ever experienced a virtual reality environment before today?							
Other emergency response related training/experience:								
7. How often does your mine hold safety meetings (e.g., "toolbox talks")? (check one) • Less than once a month • Once a month • Once every 2 weeks • Once a week • Several times a week • Daily • Several times a day								
Place an "X" in the appropriate box. On average, how often do the people in your VR team	Not at all Once in a while Sometimes Fairly Frequently often or always							
9. See each other at work?								
10. See each other outside of work or training?								
How often do you								
11. Play video games? (e.g., computer, Xbox, Playstation)								
12. Spend time on the computer? (e.g., work, internet, games)								

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Place an "X" in the appropriate box.			Stro Disa		Disag	gree	Neith	ner	Agre	-	rongly Agree
13. Even though mine emergencies are rare, I need to be as prepa	red as	l can.									
14. It is important to be prepared for a mine emergency.											
15. It is important to put in extra effort toward improving my mine	e's abil	ty to									
respond to an emergency.											
Place an "X" in the appropriate box.	Comi	oletely								Com	nletely
Rate your confidence in the following areas, from "0"	Unco	Complete Confider									
	0	10	20	30	40	50	60	70	80	90	100
(Completely Unconfident) to "100" (Completely Confident)			L								
How confident are you that your cimulation toom could if requi	المما ما	, tha f	بيرمالم	ina u	:~b+ ~		inar	ممامم	ina ar		20013
How confident are you that your simulation team could, if requi	reu, d		OHOW	iiig f	AO	IOW EQ	111 4 16	al III	oo l	enge	
16. Make quick and effective decisions.17. Agree on solutions to difficult problems encountered.	0	10	20	30	40	50	60	70	80	90	100
18. Readapt team strategy in response to unexpected changes in	0	10	20	30	40	50	60	70	80	90	100
the environment.			20	30	40	50	00	70	30		100
19. Assist with each other's responsibilities.	0	10	20	30	40	50	60	70	80	90	100
20. Maintain clear and efficient communication.	0	10	20	30	40	50	60	70	80	90	100
21. Monitor each other's work to catch mistakes and provide	0	10	20	30	40	50	60	70	80	90	100
feedback.					10			, ,		, 0	100
22. Maintain a level of trust and confidence in each other.	0	10	20	30	40	50	60	70	80	90	100
23. Maintain a shared understanding of each other's	0	10	20	30	40	50	60	70	80	90	100
responsibilities.											
24. Maintain coordination in performing the tasks at hand.	0	10	20	30	40	50	60	70	80	90	100
25. Consider teammate input before making an action.	0	10	20	30	40	50	60	70	80	90	100
In the upcoming simulation, how confident are you that your simu	lation	team	can e	vacu	ate fr	om 1	the m	ine			•
26. better than in your previous mine evacuation training	0	10	20	30	40	50	60	70	80	90	100
27. almost perfect with reasonable time	0	10	20	30	40	50	60	70	80	90	100
28. perfectly with record time	0	10	20	30	40	50	60	70	80	90	100
How confident are you that your simulation team could comple	te the	follow	ing ri e	aht n	014/ 14	,itho	ut an	v mis	takes	,	
29. A mine evacuation scenario	0	10	20	30	40	50	60	70	80	90	100
30. A mine evacuation scenario in a virtual environment	0	10	20	30	40	50	60	70	80	90	100
31. Evacuating from a real emergency	0	10	20	30	40	50	60	70	80	90	100
How confident are you that you could correctly demonstrate or ex											
32. Properly don a SCSR	О	10	20	30	40	50	60	70	.eam 1	90	100
33. Use a fire extinguisher	0	10	20	30	40	50	60	70	80	90	100
34. Explain where the escape routes are located	0	10	20	30	40	50	60	70	80	90	100
35. Explain the chain of command for reporting a mine		10	20	30	70			, 0		,,,	100
emergency	0	10	20	30	40	50	60	70	80	90	100
36. Explain your mine's emergency response plan	0	10	20	30	40	50	60	70	80	90	100
37. Explain your own role in the mine's emergency response plan	0	10	20	30	40	50	60	70	80	90	100
38. Explain where to report in the event of a mine emergency	0	10	20	30	40	50	60	70	80	90	100

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Place an "X" in the appropriate box. Think about the mine where you work. Rate how much you agree or disagree	Strongly Disagree	Disagree	Neither	Agree	Strongly Agree
with each statement below.					
Mine management:					
39. does a good job of emphasizing emergency preparedness.					
40. makes decisions that increase the likelihood of a successful response.					
41. prepares for how to handle emergencies before they happen.					
My work crew:					
42. is given the support and resources we need to prepare for an emergency.					
43. is encouraged to improve our emergency response skills and abilities.					
44. is provided extra training opportunities for interested crew members.					
	•				
Our mine emergency training:					
45. is usually realistic and "hands-on".					
46. Includes practice using the equipment we would use in a real emergency.					
47. has opportunities for constructive feedback from instructors.					
48. does a good job of preparing us for a real emergency.					
At my mine:					
49. Production is stopped if there is even a minor chance that an emergency could happen.					
50. Mine emergencies are thoroughly investigated no matter what delay it may cause.					
51. Preventing a potential emergency is more important than meeting a					
production goal.					
In my work crew:					
52. We regularly talk about the decisions and issues that would come up					
during a mine emergency.					
53. I would probably be made fun of or ridiculed if I asked questions about					
our emergency preparedness procedures.					
54. We remind each other of the need to be prepared for mine emergencies.					