

CONFERENCE PROGRAM		
Tuesday, June 14, 2022		
13:00 - 17:00		Short Course - Precipitation and Stormwater Management for Mine Closure: Analysis and Design - Bill Kappel, Nathan Haws
17:30 - 18:30	17:30 - 17:40	Introduction and Welcome - Dirk van Zyl, Professor Emeritus, University of British Columbia
	17:45 - 18:30	Opening Keynote Speaker - Dr. Jocelyn Fraser, Research Associate, Bradshaw Research Initiative for Minerals and Mining, University of British Columbia
17:30 - 20:00		Exhibit Hours
17:30 - 20:00		Icebreaker Welcome Reception
Wednesday, June 15, 2022		
07:30 - 09:00		Registration Open
07:30 - 08:30		Speakers Breakfast
09:00 - 17:00		Exhibit Hours
08:30 - 9:30	08:30 - 8:40	Introduction, Welcome and Safety Share - Dirk van Zyl, Professor Emeritus, University of British Columbia
	08:40 - 8:45	Patron Sponsor Welcome - Dr. David Luzi, Senior Principal at Stantec
	08:45 - 9:30	Keynote Speaker - Kate Sommerville, General Manager, BHP <i>Water in Mine Closure – Let's Reimagine our Legacy</i>
9:30 - 10:00		Refreshment Break
		<div> SESSION 1: Mine Water Management Chair: David Luzi </div> <div> SESSION 2: Mine Water Characterization and Prediction Chair: Nathan Haws </div>
10:00 - 12:00	10:00 - 10:20	24. Hydrometric monitoring and Effluent Discharge Mixing in Challenging Natural Conditions - Michael Barrett
	10:20 - 10:40	41. Improving the performance of Mineral Flotation by treating Process Water - Richard Dixon (Online)
	10:40 - 11:00	60. Water Treatment Intake and Fish Barrier Design in Mountainous Streams - Avneet Button and Matthew Graham
	11:00 - 11:20	54. Suggested Best Practices for Water Stewardship in Mining - Simone Dennison
	11:20 - 11:40	56. Predictive mine water balance modelling – does accurate mean reliable? - Ali Naghibi
	11:40 - 12:00	72. Industrial Scale Non-Biological Selenate Removal – Examples of Plants & Criteria behind Process Selection - HC Liang
12:00 - 13:00		Lunch
13:00 - 14:00		Plenary Session Chair: Dennis Gibson - President, Snowline Group
	13:00 - 13:20	34. Water in Tailings: a review of 20 years of post-closure tailings performance - Clara Balasko
	13:20 - 13:40	51. Climate change impact on water management design for the rehabilitation of the former rum jungle uranium mine - Danielle O'Toole
	13:40 - 14:00	47. PFAS and the Mining Industry: Understanding the Challenges - Justin Hains
14:00 - 14:30		Refreshment Break
		<div> SESSION 3: Mine Water Management Chair: Henlo Du Preez </div> <div> SESSION 4: Water Treatment Chair: TBD </div>
14:30 - 16:30	14:30 - 14:50	46. Improving Efficiency in Underground Mine Process Water Reticulation Systems - Wayne Johnstone
	14:50 - 15:10	35. An Overview of Risk Allocation and Delivery mode for Desalinated Water Supply Projects in Mining - Richard Dixon (Online)
	15:10 - 15:30	28. Groundwater Recharge Estimates in Mine Site Using Integrated Hydrological Model: Review and Critique - Mundzir Basri
	15:30 - 15:50	55. Managing AMD During Design and Construction of the Expanded Bunker Hill Central Treatment Plant - Charles Hand
	15:50 - 16:10	59. Restoring Performance of RO Membranes with Severe Scaling from Contaminated Tailing Pond Water Source using Specialty Cleaners - Mazen Ellabban
	16:10 - 16:30	68. Engineered controls to mitigate nitrate leaching from explosives in blast holes - Johan Hawinkel
17:00 - 19:00		Reception

Thursday, June 16, 2022		
08:00 - 09:00		Registration Open
07:30 - 08:30		Speakers Breakfast
09:00 - 17:00		Exhibit Hours
	8:30 - 8:40	Introduction, Welcome and Safety Share - Dr. Brenda L. Bailey, Senior Geochemist/Senior Associate at Stantec
8:30 - 9:15		Keynote Speakers: Tania Demchuk - Assistant Deputy Minister, Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Laurel Nash - Assistant Deputy Minister for Strategic Partnerships and Initiatives Division, British Columbia.
	8:40 - 9:15	
9:15 - 9:45	9:15 - 9:20	Introduction - Dr. Brenda L. Bailey, Senior Geochemist/Senior Associate at Stantec
	9:20 - 9:45	Keynote Speaker - Dr. Caspar Amman - Chief Scientist, Climate Strategies Group
9:45 - 10:15		Refreshment Break
		SESSION 5: Closure Water Management Chair: Jeremy Scott Collyard
		SESSION 6: Water Treatment Chair: Dickson Atuke
10:15 - 11:55	10:15 - 10:35	18. Tiered Approach to Successful Construction of Sulfate Rich Water Passive Treatment System - Jason Dodd
	10:35 - 10:55	31. The State of "Zero Liquid Discharge" - John Sainas
	10:55 - 11:15	50. Quellaveco Mine water supply, a stewardship approach - Enrique Buschiazso
	11:15 - 11:35	5. A Tale of Two Treatment Systems: Evaluation of Active and Passive Treatment Strategies For A Legacy Mine - Ren Bryce
	11:35 - 11:55	45. Optimizing Contact Water Treatment during the Lupin Mine Closure - James McKinley
12:00 - 13:00		Lunch Break
13:00 - 14:00		Panel Discussion: 32. ECO Score: a new environmental standard for industry and its applicability in water management - David Vexler Moderator: Andrew Watson Panelists: David Vexler, Manager Corporate Environmental Affairs, Hoescht Mining Dickson Atuke, Director, Water Management and Stewardship, Conuma Resources Ltd. Keith Dickson, Manager Water Resources - Upstream, Suncor Energy Inc.
14:00 - 14:30		Refreshment Break
		SESSION 7: Water and Tailings Management Chair: Andrew Watson
		SESSION 8: Water Treatment Chair: H.C. Liang
14:30 - 16:30	14:30 - 14:50	19. Review of internet-of-things enabled monitoring systems for tailings storage facilities - Ali Siamaki
	14:50 - 15:10	14. Emerging From a Regulatory Corner in the Oilsands - Lindsay Tallon
	15:10 - 15:30	7. Market Viable Products from Mine Tailings - Stefka Ormsby
	15:30 - 15:50	22. Quantifying Flood-Induced Risk to Tailings Embankment Stability: Avoiding the Alarmist Model - Assaf Wunsch
	15:50 - 16:10	57. Towards Autonomous Tailings Monitoring with Amphibious Robots - Nicolas Olmedo
	16:10 - 16:30	
17:00		Conference Closing