

## SMA Environmental Forum 2023

### TCU Place - Saskatoon Saskatchewan

Time	18-Oct-23	
8:00-9:00	Welcome Breakfast/Registration - Gallery AB	
9:00-9:15	Opening Address from SMA - Gallery AB	
9:15-9:30	Greetings from the Ministry of Environment and Province of Saskatchewan Warren Kaeding, Legislative Secretary for Environment - Gallery AB	
	Gallery C	Gallery D
	<b>Environmental Management and Best Practice</b>	<b>Biodiversity and Species at Risk</b>
9:30-10:00	TOWARDS SUSTAINABLE MINING Ben Chalmers (Mining Association of Canada) Shea Shirley/Kristin Bruce-Welsch (Cameco Corporation) Shirley Neault (Hudbay Minerals Inc.)	RESETTING ANTHROPOGENIC DISTURBANCE: NATURAL REVEGETATION OF LINEAR FEATURES FOLLOWING WILDFIRE AND THE IMPLICATIONS FOR WOODLAND CARIBOU (RANGIFER TARANDUS CARIBOU) HABITAT MANAGEMENT - Hans Skatter (Omnia Ecological Services & Jay Cooper (NexGen Energy Ltd.))
10:00-10:30		SASKATCHEWAN WOODLAND CARIBOU PROGRAM UPDATE - Amy Nixon & Shawn Francis (Saskatchewan Ministry of Environment)
10:30-11:00		The Saskatchewan Mining Association and the Conservation of Endangered Bats: A New Opportunity for Habitat Stewardship - Jeffrey Lane (University of Saskatchewan)
11:00-11:30	Break	
	<b>Indigenous Engagement &amp; Participation</b>	<b>Decommissioning and Reclamation</b>
11:30-12:00	INDIGENOUS INCLUSION IN SMR PLANNING AND IMPLEMENTATION – Dazawray Landrie-Parker (Creative Fire)	EVOLUTION OF CLOSURE PLANNING FOR AN INACTIVE TAILINGS FACILITY – Scott Laberge (Barr)
12:00-12:30	INDIGENOUS PARTICIPATION IN RESOURCE DEVELOPMENT, IMPACTS, AND THE NRTA – Rangi Jeerakathil (MLT Aikins LLP)	REVEGETATION OF MINING SITES IN NORTHERN SASKATCHEWAN: A PROJECT CLEANS CASE STUDY – Elizaveta Petelina (Orano Canada Inc.) & Alexey Klyashtorin (Saskatchewan Research Council)
12:30-13:30	Lunch – Gallery AB	
13:30-14:00	DESIGNING FOR MEANINGFUL ENGAGEMENT FROM EXPLORATION TO EXTRACTION – Katie Suek (Canada North Environmental Services)	LESSONS LEARNED FROM 20+ YEARS POST-CLOSURE CARE OF BHP'S LEGACY MINE SITES IN NORTH AMERICA – Brian Ayres (BHP Legacy Assets)
14:00-14:45	THE FUTURE OF NUCLEAR IN SASKATCHEWAN: EDUCATION & TRAINING - Gallery AB Dazawray Landrie-Parker - Moderator Larkin Mossdrop-Science Educator & Program Manager, Canadian Nuclear Laboratories Matt Dalzell-Science Communicator & Senior Business Officer at Prairies Economic Development Canada Kirk Atkinson-Director, Centre for Small Module Reactors at Ontario Tech University	
14:45-15:15	Break	
	<b>Regulatory and Climate Change</b>	<b>Air Emissions Management</b>
15:15-15:45	CRITICAL MINERALS: CHALLENGES AND OPPORTUNITIES - Mark Wittrup (Clifton Engineering Group)	THE COMPLEX WORLD OF PARTICULATE MATTER IN AIR (AND WHY IT MATTERS) - Kent Orosz (Saskatchewan Research Council)
15:45-16:15	POTENTIAL EFFECT(S) OF CLIMATE CHANGE ON SURFACE MINE TAILINGS CONTAINMENT SYSTEMS AND PLANNING FOR FUTURE AMBIGUITY - Nathan Brandner and Cole Gagne (Barr)	OPTIMIZING NATURAL GAS-FIRED ROTARY DRUM DRYERS IN POTASH APPLICATIONS WITH REGULATORY CONSIDERATIONS - Curtis Ferguson and Brendan Duret (Nutrien Allan Potash)
16:15	End of Day 1	

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Time	19-Oct-23	
8:00-9:00	Breakfast- - Gallery AB	
	Gallery C	Gallery D
	<b>Tailings and Mine Waste Management</b>	<b>Risk Management</b>
9:00-9:30	ROOK I PROJECT AS AN IDEAL TECHNICAL SETTING FOR UNDERGROUND TAILINGS DISPOSAL - Nick Espenberg (NexGen Energy Ltd.)	RISK MANAGEMENT PLANNING FOR AN ABANDONED MINE IN NORTHERN SASKATCHEWAN WITH WETLANDS - Stacey Fernandes (Canada North Environmental Services)
9:30-10:00	LEVERAGING DAM SAFETY IN THE MINING INDUSTRY USING GENERATIVE AI - Lakshmin Bachu (Tetra Tech Canada)	CSA N288.6:22 ENVIRONMENTAL RISK ASSESSMENTS AT NUCLEAR FACILITIES AND URANIUM MINES AND MILLS – INDUSTRY AND REGULATORY PERSPECTIVES - Brady Balicki (Cameco Corporation)
10:00-10:30	Stacked Deposits of Thickened and Filtered Fluid Fine Tailings Using Geotextile Tubes as Filtration Media – Physicochemical Treatment Recipe, Updates - Fernando Da Silva (AtkinsRéalis)	ECOSEIS: REDUCING THE ENVIRONMENTAL IMPACT OF SEISMIC SURVEYS - Mostafa Naghizadeh (Optiseis Solutions Ltd.)
10:30-11:00	Break	
	<b>Environmental Management and Best Practice</b>	<b>Decommissioning and Reclamation</b>
11:00-11:30	From Mine to Mill: What you need to know about PFAS - Nathan Brandner & Cecilia Quintana Baez (Barr)	K1 AND K2 SHAFT DECOMMISSIONING - Shawn Haeusler (The Mosaic Company)
11:30-12:00	Research and Methods Development for Identification of Benthic Invertebrates Using Genetic Techniques - Helga Sonnenberg (Ecoreg Solutions Inc.)	REMEDICATION OF THE GUNNAR URANIUM SITE – PROGRESS TO DATE - Alexey Klyashorin (Saskatchewan Research Council)
12:00-13:00	Lunch – Gallery AB	
13:00-13:30	AN OVERVIEW OF FORAN'S NET POSITIVE STRATEGY - Kirsten Ketilson (Foran Mining Corporation)	DEVELOPING A COLLABORATIVE CLOSURE VISION TO SUPPORT A SUCCESSFUL ROADMAP TO RETURNING LAND USE - Denise Chapman & Lyndsey Thorson (Okane Consultants)
13:30-14:00	MINISTRY OF ENVIRONMENT UPDATE - Gallery AB Wes Kotyk (Associate Deputy Minister - Environmental Protection Division)	
14:00-14:30	Break	
	<b>Mine Waste and Wastewater Management</b>	<b>Digitization and Data Management</b>
14:30-15:00	ENVIRONMENTAL ASPECTS OF SELENIUM MANAGEMENT AT URANIUM MILL OPERATION - Elizaveta Petelina (Orano Canada Inc.)	DATA MANAGEMENT TOOLS FOR ENVIRONMENTAL REMEDIATION: TWO CASE STUDIES - Jeff Lettvenuk, Skye Muirhead & Michael Bendzsak (Saskatchewan Research Council)
15:00-15:30	ROOK I PROJECT – INTEGRATED WASTE AND WATER MANAGEMENT - Chad Novotny (NexGen Energy Ltd.)	EVALUATION OF EXPANDING MOBILE AND DIGITAL SOLUTIONS TO ENVIRONMENTAL MONITORING - Charlene Burnett-Seidel (Cameco Corporation)
15:30-16:00	UPLAND COMPENSATION COLLABORATION TO SUPPORT CONSERVATION OUTCOMES - Jennie Hunter (K+S Potash Canada) & Cam Wood (Nature Conservancy of Canada)	TOWARDS BIOLOGICALLY INFORMED THIOSALTS MANAGEMENT - Lesley Warren (University of Toronto)
16:00	Conference Closes	
16:15	SMA Environment Committee Roundtable	