

Technical Excellence Update

2017 Calendar Year

(sorted alphabetically by publication title)

I am pleased to present the *Technical Excellence Update* for the 2017 calendar year, which showcases the public domain publications and presentations available through SRC. This version is sorted alphabetically by the publication title.

SRC continues to be an innovative research and development organization with a focus on the mining and minerals and energy sectors and the environmental considerations that are important across both. Our employees have a wide range of experience and scientific expertise, enabling SRC to meet unique and varied client needs. SRC technical specialties include, but are not limited to:

Natural Sciences

biology, chemistry, computing science, geology, math, physics, etc.

Engineering

chemical, civil, industrial, mechanical, metallurgical, petroleum, etc.

Management Sciences

business administration, business disruption/resumption management, commerce, facilities management, information technology, marketing and communications, law, risk management, safety, etc.

Visit our website at www.src.sk.ca for additional calendar year updates.

*Laurier Schramm
President and CEO
July 2018*

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- ["Cheek Out" Your DNA!](#), Video, SRC's YouTube Channel, *Thiessen, E.*, July 24, 2017
- [3-Curve Densimetric Analysis](#), Presentation, Canadian Mineral Processors Conference, Saskatoon, SK, *Danoczi, J.*, November 16, 2017
- [5 Ways to Add a Dash of Science to Your Holiday Season](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Johnston, S.*, December 4, 2017
- [7 Ways to Reduce Your Energy in 2017](#), SRC Internet Blog/Interview, "From the Lab to the Loading Dock"; CFQC CTV Saskatoon, Saskatoon, SK, *Jansen, R.*, January 2017
- [70 Years of SRC](#), Video, SRC's YouTube Channel, *Thiessen, E.*, February 3, 2017
- [8 Key Elements of a Successful Mentoring Program](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Gotto, R.*, November 8, 2017
- [A 3-Curve Densimetric Analysis](#), Presentation, Canadian Institute of Mining, Metallurgy and Petroleum Maintenance, Engineering and Reliability/Mine Operators' Conference, Saskatoon, SK, *Danoczi, J.*, September 25, 2017
- [A Simple Novel Expedited Spike Culture-derived Variation Creation Strategy in Wheat](#), Journal Article, Cereal Research Communications, *Ganeshan S. and R.N. Chibbar*, 2017
- [Advancements in Slurry Pipeline Flow Predictions with the SRC PipeFlow Models](#), Presentation, Canadian Institute of Mining, Metallurgy, and Petroleum - Maintenance, Engineering and Reliability/Mine Operators' Conference, Saskatoon, SK, *Spelay, R.B.*, September 2017
- [An Assessment of Historical and Projected Future Hydro-climatic Variability and Extremes over Southern Watersheds in the Canadian Prairies](#), Journal Article, International Journal of Climatology, DOI: 10.1002/joc.4967, *Bonsal, B., C. Cuell, E. Wheaton, D. Sauchyn and E. Barrow*, 2017
- [An Optimal Injection Scheme for Maximizing Oil Recovery in CO₂ Miscible Flooding](#), Presentation, Carbon Management Technology Conference, Houston, TX, CMTC-486447, *Yuan, Q., J. Zhan, J. Wang, F. Zeng, K.D. Knorr and M. Imran*, July 2017
- [Applied Diamond Services for Improved Diamond Recovery](#), Magazine Article, North of 60 Magazine, *Danoczi, J. and M. McCubbing*, September 2017
- [Become an Honourary Scientist with SRC!](#), Video, SRC's YouTube Channel, *Thiessen, E.*, July 24, 2017
- [Build a Game Day Catapult](#), Video, SRC's YouTube Channel, *Thiessen, E.*, July 24, 2017
- [Building a Human Firewall to Protect Your Business](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Ingerman, C.*, June 9, 2017
- [Building Tomorrow's Miners Together](#), Presentation, Canadian Institute of Mining, Metallurgy, and Petroleum - Maintenance, Engineering and Reliability/Mine Operators' Conference, Saskatoon, SK, *McGilp, L.*, September 2017
- [Case Study: Complex Remediation Work Starts with Project Management](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Glatt, R.*, June 15, 2017
- [C-DER](#), Presentation, Global Petroleum Show, Calgary, AB, *Crabtree, M.*, June 13-15, 2017
- [Challenges in the Environmental Assessment and Development of Risk-Based Corrective Actions Associated with an Abandoned Uranium Satellite Site](#), Presentation, Remediation Technologies Symposium, Banff, AB, *Paslawski, J., J. Perras, D. Sanscartier and M. Kilcup*, October 12, 2017
- [Changing Climates, Parts I and II](#), Interview, CFCR- 90.5FM; University of Saskatchewan, Saskatoon, SK, *Wheaton, E.*, October 2017
- [Chemical Analysis of Bitumen: A Brief Introduction](#), Lecture, University of Regina, Regina, SK, *Jonasson, R.*, March 2, 2017
- [Classification of Slurry Flows: What Does it all Mean](#), Presentation, 20th International Conference on Hydrotransport, Melbourne, Australia, *Spelay, R.B.*, May 2017
- [Climate Change Adaptation and Land Management](#), Presentation, Canadian Oil Sands Innovation Alliance Innovation Summit, Calgary, AB, *Johnston, M.*, March 22, 2017
- [Climate Change and Saskatchewan](#), Invited Presentation, Climate Reality and Al Gore Event, University of Saskatchewan, Saskatoon, SK, 24 slides, *Wheaton, E.*, June 20, 2017
- [Climate Reference Station, Conservation Learning Center, RM of Prince Albert #461, Annual Summary 2016](#), Research Report, Saskatchewan Research Council, Saskatoon, SK, SRC Publication: 13000-1E17, *Dunn, S. and V. Wittrock*, January 2017
- [Climate Reference Station, Saskatoon, Annual Summary 2016](#), Research Report, Saskatchewan Research Council, Saskatoon, SK, SRC Publication: 10440-1E17, *Wittrock, V. and S. Dunn*, February 2017
- [CO₂ Flooding of Tight Oil Reservoirs](#), Presentation, 38th International Energy Agency Enhanced Oil Recovery Workshop & Symposium, Quintana Roo, Mexico, *Luo, P. and S. Li*, September 29, 2017
- [Common Ground: Changing Climate Risks in the Canadian Prairies](#), Invited Presentation, Finding Common Ground Tour, Battle River Watershed Alliance, Hardisty, AB; University of Saskatchewan, Saskatoon, SK, 30 slides, *Wheaton, E.*, September 2017
- [Costs of Processing](#), Invited Presentation, Fourth Year Students, University of Alberta, Department of Civil and Environmental Engineering and the School of Mining and Petroleum Engineering, Edmonton, AB, *Edwards, C.R.*, March 13, 2017
- [Densimetric Analyses of Processing Plants as Part of Plant Auditing](#), Presentation, Canadian Institute of Mining, Metallurgy, and Petroleum - Maintenance, Engineering and Reliability/Mine Operators' Conference, Saskatoon, SK, *Danoczi, J.*, September 2017

- Densimetric Analysis in Mineral Processing**, Presentation, Canadian Institute of Mining, Metallurgy and Petroleum; Maintenance, Engineering and Reliability Society of Canadian Institute of Mining Webinar, *Danoczi, J. and M. McCubbing*, November 22, 2017
- Design, Commissioning and Operation of a Rare Earth Separation Pilot Plant**, Presentation/Proceedings, 49th Annual Canadian Mineral Processors Conference, Ottawa, ON, *Zhao, B. and J. Zhang*, January 19, 2017
- Effect of Coarse Solids Concentration on the Yield Stress of Non-Newtonian Kaolin Clay Slurries**, Presentation/Proceedings, 20th International Conference on Hydrotransport, Melbourne, Australia, *Spelay, R.B., S.A. Hashemi, M.H. Rahman, A.E. Olayode and R.S. Sanders*, May 2017
- Effects of Concentration-Dependent Diffusion on Mass Transfer and Frontal Instability in Solvent-Based Processes**, Presentation, Society of Petroleum Engineers Heavy Oil Conference Canada, SPE-184994-MS, Calgary, AB, *Yuan, Q., F. Zeng, K.D. Knorr and M. Imran*, February 16, 2017
- Embedding Advanced Technology for Mining**, Presentation, Canadian Institute of Mining, Metallurgy and Petroleum Conference, Montreal, QC, *Peter, N.*, April/May 2017
- Enhanced Heavy Oil Recovery Technologies**, Presentation, Kuwait Oil Company and Kuwait Institute for Scientific Research Workshop, Kuwait, *Knorr, K.D., M. Imran, D. Bogatkov and R. Jonasson*, November 8-9, 2017
- Environmental Data Management System (EDMS) for Site Remediation: CLEANS and AUCM Case Studies**, Presentation, Canadian Institute of Mining, Metallurgy, and Petroleum - Maintenance, Engineering and Reliability/Mine Operators' Conference, Saskatoon, SK, *Petelina, E. and A. Sizo*, September 26, 2017
- Environmental Data Management System (EDMS) for Site Remediation: Project CLEANS**, Invited Presentation, ESRI Canada User Conference, Regina, SK, *Petelina, E. and A. Sizo*, September 19, 2017
- [Environmental Data Management System for Site Remediation](#) and [en español](#), Video (English and Spanish versions), SRC's YouTube Channel. *Fisher, N.*, December 11, 2017
- Environmental Information for Processing**, Presentation, Canadian Institute of Mining, Metallurgy and Petroleum Maintenance, Engineering and Reliability/Mine Operators' Conference, Saskatoon, SK, *Danoczi, J.*, September 25, 2017
- Environmental Monitoring**, Presentation, Canadian Institute of Mining, Metallurgy, and Petroleum - Maintenance, Engineering and Reliability/Mine Operators' Conference, Saskatoon, SK, *Jansen, R.*, September 2017
- [Environmental Sustainability of Agriculture Stressed by Changing Extremes of Drought and Excess Moisture: A Conceptual Review](#), Journal Article, Environmental Sustainability of Agriculture Stressed by Changing Extremes of Drought and Excess Moisture: A Conceptual Review Sustainability 9, 970, doi:10.3390/su9060970, *Wheaton, E. and S. Kulshreshtha*, June 2017
- Estimating Carbon Stocks in Boreal Wetlands**, Interview, by Centrix Productions on behalf of Ducks Unlimited, Swan River, MB, *Johnston, M.*, July 19, 2017
- Field Testing EOR Processes - A Post-Chops Well Test Centre Approach**, Invited Presentation, Society of Petroleum Engineers Canada Heavy Oil Technical Conference, Calgary, AB, *Knorr, K.D.*, February 16, 2017
- Flood and Drought Management in the Context of Uncertainty and Climate Change: A Research Summary**, Research Report, Canadian Council of Ministers of the Environment; ESSA Technologies Ltd, Vancouver, BC, 202 pp., *Nelitz, M., P. de la Cueva, C. Cranmer, V. Wittrock and E. Wheaton*, July 2017
- Forest Carbon Management**, Invited Moderator, Forest Carbon Science Forum organized by the Ontario Ministry of Natural Resources and Forestry, Toronto, ON, *Johnston, M.*, November 21, 2017
- [Four Reasons to Start an Employee Volunteer Program](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Derbowka, A.*, January 4, 2017
- Gaps and Challenges for Light and Tight EOR**, Presentation, Petroleum Technology Alliance Canada Workshop: Light and Tight Oil Innovation, Calgary AB; Williston Basin Conference, Regina, SK; Global Petroleum Show, Calgary, AB, *Knorr, K.D.*, 2017
- Good PowerPoint Presentations**, Invited Presentation, Fourth Year Students, University of Saskatchewan, Department of Chemical and Biological Engineering, Saskatoon, SK, *Edwards, C.R.*, September 8, 2017
- [Grow an "Egg-Cellent" Crystal Geode!](#), Video, SRC's YouTube Channel, *Thiessen, E.*, July 24, 2017
- Heavy Oil in Canada - Laboratory Evaluation and Canadian Experience**, Presentation, Ecopetrol Workshop, Villavicencio, Columbia, *Crabtree, M. and P. Nakutnyy*, November 29, 2017
- Heavy Rare Earth Recovery from Uranium Processing Wastes**, Invited Presentation, Saskatchewan Mining Association Exploration Section, Saskatoon, SK, *Schreiner, B.*, June 15, 2017
- [Highly Accurate Simulation of Frontal Instability at Extremely Large Mobility Ratio in Solvent-Based Oil Recovery](#), Presentation, Society of Petroleum Engineers Reservoir Characterisation and Simulation Conference and Exhibition, Abu Dhabi, UAE, SPE-186083-MS, *Yuan, Q., J. Wang, Y. Shanshan, F. Zeng, K.D. Knorr and M. Imran*, May 2017
- [History of SRC: The Early Years \(1947-72\)](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Schramm, L.L.*, March 7, 2017
- [Hot Summer, Cool Science: Become and Honourary Scientist](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Taman Athmer, E.*, July 18, 2017

- [How Industry is Working Together to Protect Midge-Tolerant Wheat](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Mann, B.*, September 13, 2017
- [How Mentorship Provided the Next Level of Learning for an Engineering Student](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Tracey, C.*, October 3, 2017
- [How Mentorships can be Mutually Beneficial for Industry and Academia](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Downing, A.*, November 27, 2017
- [Ice Road Builder: A Project CLEANS Story](#), Video, SRC's YouTube Channel, *Thiessen, E.*, April 24, 2017
- [Implications of Climate Change for SFM in the Western Boreal](#), Presentation, Mountain Pine Beetle Science Forum, Edmonton, AB, *Johnston, M.*, April 26, 2017
- [Innovation Technology - A Dictionary](#), Book, Multiple Editions, de Gruyter, Berlin, Germany ISBN 978-3-11042917-6 (1) (3), *Schramm, L.L.*, May 2017
- [Innovative Laboratory Technologies for Tight Oil Formations](#), Presentation, Global Petroleum Show, NextShale, Calgary, AB, *Nakutnyy, P.*, June 15, 2017
- [Integrating Climate Change Adaptation into Forest Management in the Canadian Forest Sector: The State of Play](#), Presentation, 11th North American Forest Ecology Workshop, Edmonton, AB; Canadian Institute of Forestry Annual Conference and Annual General Meeting, Ottawa, ON, *Johnston, M.*, 2017
- [Integrating Renewable Energy in Canada's Prairie Provinces: A Saskatchewan Perspective](#), Presentation, Renewable Energy Integration Trade Mission to Canada, Calgary, AB, *Jansen, R.*, November 1, 2017
- [Introduction to Research, Development, and Innovation](#), Presentation, Canada School of Innovation, Module 1, Innoventures Canada Inc., Toronto, ON, *Schramm, L.L.*, May 14-16, 2017
- [Investigation of Concentration-Dependent Diffusion on Frontal Instabilities and Mass Transfer in Homogeneous Porous Media](#), Journal Article, Canadian Journal of Chemical Engineering, Vol. 96, p. 323-338, *Yuan, Q., X. Zhou, F. Zeng, K.D. Knorr and M. Imran*, 2017
- [Kinematic Friction of Concentrated Suspensions of Neutrally Buoyant Coarse Particles](#), Presentation, Proceedings, 20th International Conference on Hydrotransport, Melbourne, Australia, *Spelay, R.B., R.G. Gillies, S.A. Hashemi and R.S. Sanders*, May 2017
- [Know Your Extreme Summer Weather Hazards in Saskatchewan](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Wittrock, V. and S. Johnston*, August 8, 2017
- [Know Your Extreme Winter Weather Hazards in Saskatchewan](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Wittrock, V. and S. Johnston*, November 15, 2017
- [Laboratory Innovation - New Experimental Methods and Systems](#), Presentation, Global Petroleum Show, Calgary, AB, *Baird, F.*, June 13-15, 2017
- [Life-Cycle Assessment of Torrefied Coppice Willow Co-Firing with Lignite Coal in an Existing Pulverized Coal Boiler](#), Journal Article, Wiley Online Library; DOI:10.1002/bbb.1788, *Woytiuk, K., D. Sanscartier, B.Y. Amichev, W. Campbell and K. Van Rees*, June 2017
- [Lifecycle Greenhouse Gas Emissions from Uranium Mining and Milling in Saskatchewan](#), Presentation, Canadian Nuclear Safety Commission Public Hearing, La Ronge, SK, *Parker, D.*, June 7, 2017
- [Little Lungs Project - Testing for Radon in Saskatchewan Homes](#), Presentation, Canadian Radiation Protection Association Annual Conference, Saskatoon, SK, *Zimmer, J. and J. Smith-Windsor*, 2017
- [Miscible Displacements with Concentration-Dependent Diffusion and Velocity-Induced Dispersion in Porous Media](#), Journal Article, Journal of Petroleum Science and Engineering, Vol. 159, p. 344-359, *Yuan, Q., S. Yao, X. Zhou, F. Zeng, K.D. Knorr and M. Imran*, 2017
- [Natural Hazards: Droughts](#), Presentation, Saskatchewan Flood and Natural Hazard Risk Assessment Stakeholder Workshops in Yorkton, Saskatoon, Prince Albert, La Ronge, Swift Current and Regina, SK, 16 slides, SRC Publication: 13113-2D17, *Wittrock, V. and E. Wheaton*, 2017
- [Natural Hazards: What about the Future?](#), Presentation, Saskatchewan Flood and Natural Hazard Risk Assessment Stakeholder Workshops in Yorkton, Saskatoon, Prince Albert, La Ronge, Swift Current and Regina, SK, 11 slides, SRC Publication: 13113-3D17, *Wittrock, V., E. Wheaton, R. Halliday and M. Johnston*, 2017
- [Navigating the Future of Unconventional Resources](#), Internet Blog, Energy Now, *Knorr, K.D., P. Nakutnyy and P. Luo*, May 17, 2017
- [New Tools and Approaches for Light and Tight EOR](#), Presentation, Petroleum Technology Alliance Canada Workshop: Light and Tight Oil Innovation, Calgary AB; Williston Basin Conference, Regina, SK; Global Petroleum Show, Calgary, AB, *Nakutnyy, P.*, 2017
- [Nonlinear Numerical Simulations of Miscible Displacements with Concentration-Dependent Diffusion in Porous Media](#), Journal Article, Chemical Engineering Science, Vol. 172, No. 23, p. 528-544, *Yuan, Q., X. Zhou, F. Zeng, K.D. Knorr and M. Imran*, 2017
- [Novel Pipeline Communications](#), Presentation, Society for Mining, Metallurgy & Exploration Conference, Denver, CO, *Peter, N.*, February 2017
- [Partial Upgrading Research Past and Current](#), Presentation, Global Petroleum Show, Calgary, AB, *Knorr, K.D.*, June 13-15, 2017
- [Paying Up for Field Tests to Speed Up EOR Innovation](#), Interview, JPT Emerging Technology Online, *Knorr, K.D.*, February 28, 2017
- [Pipe Flow Technology Centre™](#), Presentation, 20th International Conference on Hydrotransport, Melbourne, Australia, *McKibben, M.*, May 2017

- Pipeline Transport**, Presentation, Global Petroleum Show, Calgary, AB, *McGilp, L.*, June 13-15, 2017
- Pipelines as Process Vessels**, Presentation, Canadian Institute of Mining, Metallurgy, and Petroleum - Maintenance, Engineering and Reliability/Mine Operators' Conference, Saskatoon, SK, *McKibben, M.*, September 2017
- Post CHOPS Well Centre**, Presentation, Global Petroleum Show, Calgary, AB, *Crabtree, M.*, June 13-15, 2017
- Reduction of Interfacial Instabilities in Miscible Displacements in Porous Media**, Presentation, InterPore 10th Annual Meeting & Jubilee, New Orleans, LA, *Yuan, Q., F. Zeng, K.D. Knorr and M. Imran*, May 2017
- Renewable Generation in Mining**, Presentation, Canadian Institute of Mining, Metallurgy, and Petroleum - Maintenance, Engineering and Reliability/Mine Operators' Conference, Saskatoon, SK, *Jansen, R.*, September 2017
- Risk Based Assessments of Physical Mine Hazards at Abandoned Mines**, Presentation, Canadian Institute of Mining, Metallurgy, and Petroleum - Maintenance, Engineering and Reliability/Mine Operators' Conference, Saskatoon, SK, *Ogilvie-Evans, P. and R. McCullum*, September 2017
- Riskier Climate Times in the Canadian Prairies**, Invited Presentation, Saskatoon Nature Society, University of Saskatchewan, Saskatoon, SK, 35 slides, *Wheaton, E.*, September 2017
- [Safety Tips for Winter Travelling in Saskatchewan](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Jackson, A.*, December 6, 2017
- [Saskatchewan - The Next Big Producer of Rare Earth Elements?](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Gotto, R.*, May 24, 2017
- [Saskatchewan Flood and Natural Hazard Risk Assessment](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Wittrock, V.*, July 18, 2017
- Saskatchewan Flood and Natural Hazards Risk Assessment: Developing the Methods**, Invited Presentation, Saskatchewan Disaster Mitigation Strategy Working Group, Regina, SK, 22 slides, SRC Publication: 14113-1D17, *Wittrock, V., D. Corkal, R. Halliday, M. Johnston, I. Stewart and E. Wheaton*, June 20, 2017
- Saskatchewan's Climate is Changing**, Research Report, Saskatchewan Ministry of Environment, SRC Publication: 14207-2E17, *Wittrock, V.*, May 2017
- Saskatchewan's Evolving Climate Patterns**, Invited Presentation, Federation of Sovereign Indigenous Nations "Adapting to Climate Change Impacts" Workshop, Saskatoon, SK, 24 slides, SRC Publication: 13749-5D17, *Wittrock, V.*, September 21-22, 2017
- SFI Conservation Projects: Focus on Forest Carbon**, Presentation, Programme for the Endorsement of Forest Certification, London UK, *Johnston, M.*, July 4, 2017
- [Simple Calculation of the Effect of Volatile Solvents and Dissolved Gases on the Viscosity of Heavy Oils and Bitumens](#), Conference Paper/Presentation, Society of Petroleum Engineers Canada Heavy Oil Technical Conference, Calgary, AB, SPE-185003-MS, *Freitag, N.P. and A.E. Dolter*, February 15, 2017
- Simultaneous Capillary Pressure and Wettability Determination for Tight Bakken Cores Using an Ultra-High-Speed Centrifuge**, Presentation, Society of Petroleum Engineers Canada Unconventional Resources Conference, Calgary, AB, SPE-185067-MS, *Luo, P. and S. Li*, February 16, 2017
- SRC - General Overview**, Presentation, New Mexico Institute of Mining and Technology, Socorro, New Mexico; University of Texas, Austin, TX, *Knorr, K.D. and P. Nakutnyy*, 2017
- SRC Chemical EOR Evaluation Overview**, Presentation, Cairn India Limited, New Delhi, India, *Nakutnyy, P.*, November 20, 2017
- SRC Energy Services Overview**, Presentation, Global Petroleum Show, Calgary, AB, *Paynter, P.*, June 13-15, 2017
- SRC Enhanced Waterflood - Chemical Screening, Selection and Evaluation**, Presentation, Global Petroleum Show, Calgary, AB, *Nakutnyy, P.*, June 13-15, 2017
- SRC Heavy Oil EOR - Laboratory Methods for Thermal and Chemical Process Evaluation**, Presentation, Global Petroleum Show, Calgary, AB, *Imran, M.*, June 13-15, 2017
- SRC Overview - ADIPEC Executive Dialogues; the Middle Eastern Heavy Oil Opportunity**, Presentation, Calgary, AB; Abu Dhabi International Petroleum Exhibition and Conference, Abu Dhabi, UAE, *Paynter, P.*, November 16, 2017
- SRC Update to Canadian Heavy Oil Association (CeDER, Post-CHOPS, Partial Upgrading)**, Presentation, Canadian Heavy Oil Association, Calgary, AB, *Paynter, P. and D. Anweiler*, March 9, 2017
- SRC's Aboriginal Mentorship Program (AMP)**, Presentation, University of Regina, Aboriginal Students Centre, Regina, SK; University of Saskatchewan, Aboriginal Students Centre, Saskatoon, SK; University of Saskatchewan, College of Engineering, Saskatoon, SK, *Gotto, R.*, 2017
- [SRC's Maturing and Commercial Years: 1972-2000](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Schramm, L.L.*, June 16, 2017
- [SRC's Mining Services: Extraction and Processing](#), Video, SRC's YouTube Channel, *Thiessen, E.*, September 15, 2017
- [SRC's Mining Services: Geoscience & Exploration](#), Video, SRC's YouTube Channel, *Thiessen, E.*, April 10, 2017
- [SRC's Mining Services: Tailings & Water Management](#), Video, SRC's YouTube Channel, *Thiessen, E.*, September 15, 2017
- [SRC's New Millennium Years: 2001-2017](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Schramm, L.L.*, September 19, 2017

- SRC's Real-World Science, At Home Campaign**, Interview, Global TV Saskatoon and CTV Saskatoon Morning Shows, *Gervais, M.*, 2017
- SRC's Work in Carbon Sequestration**, Presentation, Programme for the Endorsement of Forest Certification, London, UK, *Johnston, M.*, July 4, 2017
- Successes and Challenges: Aboriginal and Northern Engagement in Environmental Remediation Projects**, Public Lecture, University of Regina, Regina, SK; University of Saskatchewan, Saskatoon, SK via video-conference, *Muldoon, J. and J. Tsannie*, January 31, 2017
- Support for Maintenance and Reliability Through Engineered Equipment Upgrades**, Presentation, Canadian Institute of Mining, Metallurgy, and Petroleum - Maintenance, Engineering and Reliability/Mine Operators' Conference, Saskatoon, SK, *Hill, S.*, September 24-26, 2017
- Suppressing Frontal Instabilities and Stabilizing Miscible Displacements with Time-Dependent Rates at Nearly Zero Additional Costs**, Presentation, Society of Petroleum Engineers Improved Oil Recovery Conference, Tulsa, OK, SPE-190320-MS, *Yuan, Q., F. Zeng, K.D. Knorr and M. Imran*, April 2017
- Surfactant Flooding of Heavy Oil**, Presentation, 38th International Energy Agency Enhanced Oil Recovery Workshop & Symposium, Quintana Roo, Mexico, *Nakutnyy, P.*, September 29, 2017
- Sustainability Indicators for Agriculture and Forest Management: Implications of Climate Change and Extremes**, Invited Presentation, Prairie Regional Adaptation Collaborative Research Forum: Exploring Future Directions of Adaptation Research on the Prairies, Winnipeg, MB, 19 slides, SRC Publication: 13749-2D17, *Wittrock, V., E. Wheaton, S. Kulshreshtha and M. Johnston*, February 13, 2017
- Sustainable Bioleaching and Bioprecipitation as Complementary Strategies for Uranium Mining**, Presentation, Canadian Institute of Mining, Metallurgy and Petroleum Conference, Montreal, QC, *Ganeshan, S.*, May 3, 2017
- Synthesis and Characterization of Cellulose-Goethite Composites and their Adsorption Properties with Roxarsone**, Journal Article, Carbohydrate Polymers, Volume 169, p. 282-294, *Kong, D. and L.D. Wilson*, April 2017
- Technologies for the Mitigation of Low Volume Methane Emissions**, Presentation, Advancing the Low Carbon Economy Through Innovation and R&D – Canadian GHG Emission Reductions Forum, Calgary, AB, *Emery, E.*, October 23, 2017
- Testing and Validation of New Partial Upgrading Technologies**, Presentation, New Technology for In Situ Oil Sands Facilities Conference, Calgary, AB, *Anweiler, D.*, May 30, 2017
- The Economic Impacts of Climate Change and Climatic Extremes on the Mixed Farms of the Canadian Prairie**, Journal Article, International Journal of Climate Change: Impacts and Responses 9(4). DOI: 10.18848/1835-7156/CGP/v09i04/35-52, *Poudel, S., S. Kulshreshtha and E. Wheaton*, 2017
- The Impacts of Active Clay on Mineral Slurry Properties and Implications for Mining Processes**, Presentation, Canadian Institute of Mining, Metallurgy, and Petroleum - Maintenance, Engineering and Reliability/Mine Operators' Conference, Saskatoon, SK, *Sun, R.*, September 2017
- [The Impacts of SRC's Work: 1947-2017](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Schramm, L.L.*, November 30, 2017
- The Legacy of the Cold War - Cleaning Up Abandoned Uranium Mine Sites in North Saskatchewan**, Presentation, Canadian Radiation Protection Association Annual Conference, Saskatoon, SK, *Klyashorin, A., D. Sanscartier, M. Calette, C. Reid, S. Ketilson and I. Wilson*, 2017
- [The Little Lungs Project: Testing Saskatchewan Homes for Radon](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Zimmer, J.*, September 8, 2017
- The Role of Engineering in Maintenance, Engineering, and Reliability Initiatives**, Presentation, Canadian Institute of Mining, Metallurgy, and Petroleum - Maintenance, Engineering and Reliability/Mine Operators' Conference, Saskatoon, SK, *Hill, S.*, September 2017
- [Things We Wish We Knew About Careers and Work When We Were in Grade 9](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Johnston, S.*, November 1, 2017
- [Uncovering Saskatchewan's History: Finding and Protecting Artifacts](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Johnston, S.*, October 11, 2017
- [Underground Models Reveal What's Beneath the Surface of Abandoned Mine Sites](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Ogilvie-Evans, P.*, November 22, 2017
- Water Quality and Water Testing**, Interview, CTV News, Global News and CJWW Radio, Saskatoon, SK, *Zimmer, J.*, 2017
- Waterflooding and Chemical EOR - Laboratory Evaluation and Canadian Experience**, Presentation, Ecopetrol Workshop, Villavicencio, Columbia, *Nakutnyy, P.*, November 29, 2017
- [Wetlands and Carbon - Filling the Knowledge Gap](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Johnston, M.*, January 27, 2017
- [Why is Water Quality Testing Important?](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Gotto, R.*, March 13, 2017
- [Why We Need to Learn More About How Wetlands Store Carbon](#), SRC Internet Blog, "From the Lab to the Loading Dock", *Johnston, M.*, September 26, 2017