

# Technical Excellence Update

2014 Calendar Year  
(sorted alphabetically by publication title)

I am pleased to present the *Technical Excellence Update* for the 2014 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](http://www.src.sk.ca) for additional calendar year updates.

*Laurier L. Schramm  
President and CEO  
September 2015*

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- A Canadian RE Powerhouse?**, Interview, Input into Resource Clips Online Resource Publication, *Schreiner, B.*, July 30, 2014
- A Diamond Lab in Saskatchewan? You Bet.**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/mining/a-diamond-lab-in-saskatchewan/>, *McCubbing, M.*, August 20, 2014
- A Primer on Innovation in Canada**, Presentation, 5<sup>th</sup> Innoventures Canada (I-CAN) Innovation School, Toronto, ON; Saskatchewan Research Council, Saskatoon, SK, *Schramm, L.L., R. Cornell and J. Smith*, 2014
- A Survey of Polymer Flooding in Western Canada**, Conference Presentation, Society of Petroleum Engineers (SPE) Improved Oil Recovery Symposium, Tulsa, OK, SPE-169062-MS. <http://dx.doi.org/10.2118/169062-MS>, *Renouf, G.*, April 12-16, 2014
- Abandoned Mines Remediated by Project Cleans**, Interview, Saskatoon Star Phoenix; Regina Leader Post, *Wilson, I. and D. Allen*, May 24, 2014
- Adaptation According to Mode of Climate Variability: A Case Study from Canada's Western Interior**, Book Chapter, p. 1-24 in Leal Filho, W (ed) Handbook of Climate Change Adaptation. Springer-Verlag, Berlin, Heidelberg, DOI: 10.1007/978-3-642-40455-9\_93-1. Available at [http://link.springer.com/referenceworkentry/10.1007/978-3-642-40455-9\\_93-1](http://link.springer.com/referenceworkentry/10.1007/978-3-642-40455-9_93-1), *Sauchyn, D., B. Bonsal, S. Kienzle, J. St. Jacques, J. Vanstone and E. Wheaton*, 2014
- Adaptation to Climate Change and Potash Mining in Saskatchewan: Case Study for the Qu'Appelle River Watershed**, Invited Presentation, Saskatchewan Environmental Industry and Managers Association (SEIMA), Regina and Saskatoon, SK, 19 slides, *Pittman, J., T. Pearce, J. Ford, V. Wittrock and E. Wheaton*, March 17-18, 2014, SRC Publication: 13749-2D14
- Adapting Sustainable Forest Management to Climate Change: An Analysis of Canadian Case Studies**, Presentation, International Union of Forestry Research Organizations World Congress, *Johnston, M.*, October 2014
- Agriculture and Patterns of Climate Extremes on the Canadian Prairies**, Invited Presentation, Saskatchewan Soil Conservation Association Conference, University of Saskatchewan, Saskatoon, SK, 29 slides, *Wheaton, E.*, January 16, 2014
- An Overview of Climate Change Impacts on Saskatchewan's Forests**, Presentation, University of Saskatchewan Gender and Climate Change Adaptive Capacity Workshop, Saskatoon, SK; Forestry Boot Camp, Prince Albert, SK, *Johnston, M.*, 2014
- Application of Molecular Markers Beyond Breeding**, Newsletter Article, American Association of Cereal Chemists Biotechnology Division Newsletter, *Ganeshan, P.*, October 2014
- Biochar Application for Revegetation Purposes in Northern Saskatchewan**, Conference Proceedings, RemTech 2014 Banff, AB, *Petelina E., A. Klyashtorin and T. Yankovich*, October 15-17, 2014
- Biodigester**, Interview, Global News Saskatoon, *Taman-Athmer, E.*, April 2014
- Boreal Forest**, Interview, CJWW Radio Saskatchewan; Missinipi Broadcasting Corporation (MBC) Radio, *Johnston, M.*, January 2014
- Broad Environmental Impacts and Risks to Workers for the Remediation of an Abandoned Uranium Mine in Northern Saskatchewan**, Presentation, Property Institute of Canada Federal Contaminated Sites National Workshop, Ottawa, ON, *Sanscartier, D., S. MacWilliam, M. Wismer and I. Wilson*, April 14-16, 2014
- Can Innovation be Measured?**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/innovation/can-innovation-measured/>, *Schramm, L.L.*, June 3, 2014
- Canada's Natural Resources in a Changing Climate**, Webinar Presentation, Natural Resources Chapter of the Canadian National Climate Change Assessment Update, Saskatoon, SK, *Johnston, M.*, October 16, 2014
- Capillary Break Cover Design at Lorado Mill Tailings Site**, Conference Proceedings, Proceedings of the British Columbia Technical and Research Committee on Reclamation (TRCR) 38<sup>th</sup> Annual Mine Reclamation Symposium, Prince George, BC, *Tong, A., I. Miskoliczi, D. Allen, I. Wilson and M. Rykaart*, September 2014
- Capture Sand in Flocculated Fines: A New Approach to Optimize the Capture of Oil Sands Fines in Sand Beach**, Conference Presentation and Proceedings, Proceedings Fourth International Oil Sands Tailings Conference Lake Louise, AB, p. 387-395; Conference Presentation, Oil Sands Conference University of Alberta, Edmonton, AB, *Sun, R., J. Kan and A. Goldszal*, 2014
- Changing Climates (IPCC AR5) and Implications for the Canadian Prairies**, Invited Presentation, School of Environment and Sustainability, University of Saskatchewan, Saskatoon, SK, 41 slides, *Zwiers, F. and E. Wheaton*, February 14, 2014
- Characterization of Past Drought and Excessive Moisture Extremes Using the Standardized Precipitation and Evapotranspiration Index: Case Studies of the Oldman River and Swift Current Creek Watersheds**, Technical Report, Prepared for the Vulnerability and Adaptation to Climate Extremes in the Americas Project (VACEA), Prairie Adaptation Research Collaborative, Regina, SK, Saskatchewan Research Council (SRC), Saskatoon, SK, 41 pp, *Wittrock, V., E. Wheaton, B. Bonsal and J. Vanstone*, July 2014, SRC Publication: 13224-3E13
- Chemical Reaction Mechanisms That Govern Oxidation Rates During In-Site Combustion and High-Pressure Air Injection**, Conference Paper, Society of Petroleum Engineers (SPE) Heavy Oil Conference, Calgary, AB; DOI: [10.2118/170162-MS](https://doi.org/10.2118/170162-MS); Doc ID: SPE-170162-MS, *Freitag, N.*, June 10-12, 2014

- CHOPS: But Not For Your BBQ**, SRC Internet Blog and Interview, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/energy/chops-bbq/>; Regina Leader Post, *Crabtree, M.*, January 20, 2014
- Clean-Up Abandoned Mines in Northern SK**, Editorial, Prince Albert Grand Council (PAGC) Tribune First Nations News, *Calette, M.*, August 2014
- Clean-Up Projects a Tidy Fit for Northern Partners**, Interview, Eagle Feather News, *Calette, M.*, April 2014
- Climate Change and the Western Boreal Forest: An Emerging Synthesis**, Workshop Facilitator and Presentation, Climate Change and Forest Policy Change Workshop, Saskatchewan Environment Forest Service, Prince Albert, SK, *Johnston, M.*, December 9-11, 2014
- Climate Change Impacts And Adaptation In The Canadian Forest Sector**, Conference Paper, International Union of Forestry Research Organizations 2014 World Congress, Salt Lake City, UT, *Johnston, M.*, September 2014
- Climate Reference Station, Conservation Learning Center, Annual Summary 2013**, Technical Report, Saskatchewan Research Council (SRC), Saskatoon, SK, 26 pp, *Dunn, S., C. Beaulieu and V. Wittrock*, March 2014, SRC Publication: 13000-1E14
- Climate Reference Station, Saskatoon, Annual Summary 2013**, Technical Report, Saskatchewan Research Council (SRC), Saskatoon, SK, 48 pp, *Beaulieu, C. and V. Wittrock*, February 2014, SRC Publication: 10440-1E14
- Column Consolidation Testing of Oil Sands Tailings**, Conference Proceedings, Proceedings Fourth International Oil Sands Tailings Conference Lake Louise, AB, p.163-171, *Sun, R., R. Splay, J. Kan and A. Goldszal*, 2014
- Comments on the Guidebook: Pathways to Climate Change Resilience**, Invited Presentation, International Forum Linking Gender, Adaptation, Climate Change and Forestry/ Resource Management in Canada, School of Environment and Sustainability, University of Saskatchewan, Saskatoon, SK, 8 slides, *Wheaton, E.*, May 27-29, 2014
- Community Engagement: Going the Extra Mile**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/environment/community-engagement-going-extra-mile/>, *Calette, M.*, May 15, 2014
- Community Engagement: The Process Can Be Very Rewarding - If You Want To Do What It Takes**, Presentation, Federal Contaminated Sites National Workshop, Ottawa, ON, *Calette, M.*, April 16, 2014
- Connecting Climate and Crop Yields: Case Studies of the Swift Current Creek and Oldman River Watersheds**, Technical Report, Prepared for the Vulnerability and Adaptation to Climate Extremes in the Americas Project (VACEA), Prairie Adaptation Research Collaborative, Regina, SK; Saskatchewan Research Council (SRC), Saskatoon, SK, 33 pp, *Wittrock, V., E. Wheaton, B. Bonsal and J. Vanstone*, October 2014, SRC Publication: 13224-2E13
- Cowessess Wind Energy Storage Project a Sign of Things to Come**, Interview, Green Energy Futures Media, *Jansen, R.*, December 2014
- Crop Yields and Climate Connections: Swift Current Creek and Oldman River Watersheds, Canada**, Presentation, Prepared for Vulnerability and Adaptation to Climate Extremes in the Americas Project (VACEA), Prairie Adaptation Research Collaborative, Regina, SK; Saskatchewan Research Council (SRC), Saskatoon, SK, 23 slides, *Wittrock, V., E. Wheaton, B. Bonsal and J. Vanstone*, October 2014, SRC Publication: 13224-3D14
- CRS Weather Summaries**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/environment/crs-weather-summaries/>, *Wittrock, V.*, November 28, 2014
- Design of In-Situ Water Treatment of Acid Contaminated Lake**, Conference Proceedings, Proceedings of the British Columbia Technical and Research Committee on Reclamation (TRCR) 38<sup>th</sup> Annual Mine Reclamation Symposium, Prince George, BC, *Jensen, S., T. Sharp, D. Allen and I. Wilson*, September 2014
- Determination of Concentration Dependent Solvent Dispersion in Hybrid Enhanced Oil Recovery Processes**, Presentation, Stats and Controls Meeting, Montreal, QC, *Imran, M.*, May 22-23, 2014
- Development and Standardization of Plant Toxicity Methods for Assessment of Contaminated Soils Using Wetland Species: Year 4**, Research Report, Saskatchewan Research Council, *Moody, M.*, 2014, SRC Publication: 11627-3E14
- Development of a Plant Toxicity Test Using Species Native to the Canadian Boreal Wetlands**, Conference Presentation, 41<sup>st</sup> Aquatic Toxicity Workshop 2014 Ottawa, ON, *Moody, M.*, 2014
- Diamond Lab**, Interview, Global News Saskatoon, *McCubbing, M.*, January 2014
- Diamond Lab Helps Put Saskatchewan on World Map**, Editorial, Business Focus Africa Magazine, *McCubbing, M.*, May 2014
- Dictionary of Nanotechnology and Microtechnology**, Book, Wiley-VCH, Weinheim, Germany, *Schramm, L.L.*, September 3, 2014
- Drought and Excessive Moisture Conditions. An Examination of the Last 110 Years. Case Study of the Oldman River and Swift Current Creek Watersheds**, Presentation, Prepared for Vulnerability and Adaptation to Climate Extremes in the Americas Project (VACEA), Prairie Adaptation Research Collaborative, Regina, SK; Saskatchewan Research Council (SRC), Saskatoon, SK, 27 slides, *Wittrock, V., E. Wheaton, B. Bonsal and J. Vanstone*, June 2014, SRC Publication: 13224-2D14

- Dust Storms of the Canadian Prairies: A Dustier and Muddier Outlook**, Invited Presentation, Great Plains Drought Symposium, National Drought Mitigation Centre, Lincoln, NE; University of Saskatchewan, Saskatoon, SK, 27 slides, *Wheaton, E. and V. Wittrock*, April 1-4, 2014, SRC Publication: 13749-1D14
- Effect of Dead-Oil Viscosity and Injected-Solvent Type on SVX Process Performance**, Journal Article, Journal of Petroleum Technology, Volume 53, Issue 03, p. 168-178: DOI: <http://dx.doi.org/10.2118/165454-PA>; Doc ID: SPE-165454-PA, *Mohammad, I. and K.D. Knorr*, 2014
- Effect of Pipe Inclination on the Deposition Velocity of Settling Slurries**, Conference Paper, 19<sup>th</sup> Hydrotransport Conference, Golden, CO, *Spelay, R., R.G. Gillies, S.A. Hashemi and R.S. Sanders*, September 24-26, 2014
- Emulsions, Foams, Suspensions, and Aerosols: Microscience and Applications**, Book, Wiley-VCH, Weinheim, Germany, *Schramm, L.L.*, September 2014
- Energy in the Environment**, Editorial, Business & Industry South Saskatchewan, Volume 3, Issue 1, *Crabtree, M and R. Gotto*, Spring 2014
- Energy Storage Makes Wind Generation More Reliable**, Interview, Regina Leader Post, *Jansen, R.*, April 15, 2014
- Environmental, Social, and Economic Benefits of Biochar Application for Land Reclamation Purposes**, Conference Proceedings, 38<sup>th</sup> Annual Mine Reclamation Symposium, Prince George, BC, *Petelina E., D. Sanscartier, S. MacWilliam and R. Ridsdale*, September 22-25, 2014
- EOR for Canadian Tight Oil Reservoirs - Opportunities and Challenges**, Invited Presentation, 2014 International Conference on EOR, China University of Petroleum, Beijing, China, *Luo, P.*, June 17-19, 2014
- EOR for Tight Oil Reservoirs – Challenges and Opportunities**, Conference Presentation, at SRC's Enhanced Oil Recovery Technologies Theatre, 2014 Global Petroleum Show, Calgary, AB, *Crabtree, M., K.D. Knorr and M. Imran*, June 9-12, 2014
- Evaluation of Polymers for Heavy Oil EOR**, Technical Report, Journal of Canadian Petroleum Technology; Volume 53, Issue 4, *Nakutnyy, P., G. Renouf and S. Veerabhadrapa*, July 2014
- Existing and Upcoming Pipeline Technologies**, Interview, Process West Magazine - Online, *McGill, L.*, August 2014
- Food Security and Climate Change: Canadian Prairie Agriculture**, Invited Presentation, Canada World Youth, Saskatoon, SK; University of Saskatchewan, Saskatoon, SK, 26 slides, *Wheaton, E.*, October 8, 2014
- Four (Fairly) Simple Steps to Jump Start Your Competitive Intelligence Program**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/business-insight/four-fairly-simple-steps-jump-start-competitive-intelligence-program/>, *Pattison, D.*, October 29, 2014
- Future Einsteins: Take Our Kids to Work Day**, SRC Internet Blog and Journal Article, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/responsibility/einsteins-take-kids-work-day/>; The Professional Edge, Issue 153, *Gervais, M.*, 2014
- Game-Changing Saskatchewan Inventions**, Interview, CTV News, *Farber, A.*, November 2014
- Getting Started in Competitive Intelligence**, Presentation, 16<sup>th</sup> National Conference, 2014 Society of Trust and Estate Practitioners (STEP) Trade Conference, Toronto, ON, *Pattison, D.*, 2014
- Gold Quill Awards Bootcamp**, Invited Presentation, International Association of Business Communicators, *Taman-Athmer, E.*, February 22, 2014
- Heavy Oil – Cold and Thermal EOR Technologies, Challenges and Opportunities**, Conference Presentation, at SRC's Enhanced Oil Recovery Technologies Theatre, 2014 Global Petroleum Show, Calgary, AB, *Crabtree, M., K.D. Knorr and M. Imran*, June 9-12, 2014
- Hexadecyltrimethylammonium Bromide (CTAB)-based Protocol to Isolate High-Quality RNA in Adequate Quantities for Gene Expression Analyses in Developing Seeds of Lentils (*Lens culinaris Medik.*)**, Journal Article, Gene Expression to Genetical Genomics. 2014:7 7–16 [doi:10.4137/GGG.S15368](https://doi.org/10.4137/GGG.S15368), *Kannan U., S. Ganeshan and R.N. Chibbar*, June 2014
- How an Innovation Forum Energizes Creativity**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/innovation/innovation-forum-energizes-creativity/>, *Schramm, L.L.*, November 12, 2014
- How Can We Help Advance Business Innovation in Canada?**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/innovation/can-help-advance-business-innovation-canada/>, *Schramm, L.L.*, July 22, 2014
- How Climate Change Will Shape the Future of Canada's Boreal Forest**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/environment/how-climate-change-will-shape-the-future-of-canadas-boreal-forest/>, *Johnston, M.*, January 21, 2014
- Impacts of Climate Change on Caribou Habitat**, Webinar Presentation, Science Committee of the Canadian Boreal Forest Agreement, Saskatoon, SK, *Johnston, M.*, June 26, 2014
- Implement Maker Receives Carbon Certification**, Article and Interview, The Western Producer, *Wismer, M.*, January 16, 2014
- Implications of Land Class and Environmental Factors on Life Cycle GHG Emissions of Miscanthus as a Bioenergy Feedstock**, Online Journal Article, GCB Bioenergy, 6(4):401-413, *Sanscartier D., B. Deen, G. Dias G, H. Dadfar, H.L. MacLean, I. McDonald and H. Kludze*, 2014

- Innovation: Team, Process and Culture**, Presentation, Conference Board of Canada, Saskatchewan Forum, Regina, SK, *Gervais, M.*, May 27-28, 2014
- Integrated Water Management Strategies**, Presentation Series and Associated Interview, at SRC's Enhanced Oil Recovery Technologies Theatre, 2014 Global Petroleum Show, Calgary, AB; iKan Media Ltd., *Stephan, P.*, June 9-12, 2014
- Is My Drinking Water Safe?**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/environment/drinking-water-safe/>, *Stanek, B.*, June 24, 2014
- Landscape Sustainability in Sweden, Canada, and Chile in an Ecosystem Services Context**, Conference Paper and Presentation, International Union of Forestry Research Organizations 2014 World Congress, Salt Lake City, UT, *Johnston, M.*, September 2014
- LCA of Co-firing Willow with Coal for Electricity Generation in Saskatchewan**, Presentation, Canadian Society of Bioengineering, Saskatoon, SK, *Sanscartier, D., K. Van Rees, B. Amichev, B. Campbell and K. Woytiuk*, July 8-10, 2014
- Life Cycle and Economic Assessment of Western Canadian Pulse Systems: The Inclusion of Pulses in Crop Rotations**, Journal Article, Elsevier, Agricultural Systems, Volume 123, p. 43-53; available online at: <http://dx.doi.org/10.1016/j.agsy.2013.08.009>, *MacWilliam, S., M. Wismer and S. Kulshreshtha*, January 2014
- Life Cycle Greenhouse Gas Emissions of Electricity Generation from Corn Cobs in Ontario, Canada**, Online Journal Article, Biofuel/BioProducts & BioRefinery Journal, Volume 8, Issue 4, p. 568-578, DOI: [10.1002/bbb.1485](https://doi.org/10.1002/bbb.1485), *Sanscartier, D., G. Dias, B. Deen, H. Dadfar, I. McDonald and H. MacLean*, July/August 2014
- Linking Gender, Climate Change, Adaptive Capacity and Forest-based Communities in Canada**, Journal Publication, Canadian Journal of Forest Research 44: 995-1004, *Reed, M.G., A. Scott, D. Natcher and M. Johnston*, 2014
- Lorado**, Interview, Saskatchewan Mining Journal; Missinipi Broadcasting Corporation (MBC) Radio, *Allen, D.*, 2014
- Making the Most of Minerals**, Editorial, Canadian Chemical News, *Schreiner, B. and R. Gotto*, January 2014
- Natural Resources**, Assessment Report, Chapter 3 in: F.J. Warren and D.S. Lemmen, eds. Canada in a Changing Climate: Sector Perspectives on Impacts and Adaptation Update. Natural Resources Canada, Ottawa, ON, p. 66-98, *Lemmen, D.S., M. Johnston, C. Ste. Marie and T. Pearce*, 2014
- Oil and Gas Industry Tackles Responsible Water Usage**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/energy/oil-gas-industry-tackles-responsible-water-usage/>, *Crabtree, M.*, September 24, 2014
- Optimization of Polymer Flooding for Heavy Oil EOR**, Conference Presentation, 35<sup>th</sup> International Energy Agency - Enhanced Oil Recovery (IEA EOR) Symposium, Beijing, China, *Nakutnyy, P.*, October 15-17, 2014
- Optimized Surfactant-Polymer Flooding Technologies**, Presentation, Purdue University, Lafayette, IN, *Luo, P.*, May 1, 2014
- Optimum Voidage Replacement Ratio and Operational Practice for Heavy Oil Waterfloods**, Conference Paper, Society of Petroleum Engineers (SPE) Heavy Oil Conference, Calgary, AB; DOI: <http://dx.doi.org/10.2118/170099-MS>; Doc ID: SPE-170099-MS, *Brice, B., S. Ning, A. Wood and G. Renouf*, June 10-12, 2014
- Past and Future Extreme Climate Events in the Canadian Prairies: Integrating Economics and Climate**, Presentation, Earth Sciences and Climate Change Conference, San Francisco, CA; University of Saskatchewan, Saskatoon, SK, 35 slides, *Kulshreshtha, S. and E. Wheaton*, July 28, 2014
- Past Climate Trends and Future Projections: Impacts on Agriculture in the Canadian Prairies**, Invited Presentation, Canadian Entomology Society, Saskatoon, SK; University of Saskatchewan, Saskatoon, SK, 25 slides, *Wheaton, E.*, September 29, 2014
- PDAC 2014 Recap: Cautious Optimism at the Mining Industry's Biggest Event**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/mining/pdac-2014-recap-cautious-optimism-mining-industrys-biggest-event/>, *Mircea, C.*, March 13, 2014
- Physical and Numerical Modeling of Capillarity and Aqueous Phase Saturation Effects on the Rate of Solvent Mass Transfer in Boundary Layer in Heavy Oil Reservoirs**, Conference Paper, Society of Petroleum Engineers (SPE) Heavy Oil Conference, Calgary, AB; DOI: <http://dx.doi.org/10.2118/170012-MS>; Doc ID: SPE-170012-MS, *Ahmadloo, K., A. Ashgari, A. Henni and N. Freitag*, June 10-12, 2014
- Pipe Flow Technology Centre**, Editorial, Oil and Gas Product News, *McGilp, L.*, August 2014
- Post CHOPS EOR – Deeper Dive into Extending Cold Heavy Oil Production with Sand (CHOPS) Recovery**, Conference Presentation, at SRC's Enhanced Oil Recovery Technologies Theatre, 2014 Global Petroleum Show, Calgary, AB, *Crabtree, M., K.D. Knorr and M. Imran*, June 9-12, 2014
- Post-Chops**, Editorial, Oil and Gas Product News, *Crabtree, M.*, August 2014
- Post-CHOPS EOR Methods – The Role of Wormholes**, Presentation, Petroleum Technology Alliance Canada, Calgary, AB, *Knorr, K.D. and M. Imran*, December 11, 2014
- Productivity Increase for Bakken Wells Under Development by SRC**, Interview, Oil & Gas News, *Crabtree, M.*, October 2014

- Project CLEANS**, Editorial, Profile Piece, The Professional Edge, Issue 148, *Gotto, R.*, January/February 2014
- Project CLEANS**, Interview, Canadian Press; Opportunity North Magazine, *Wilson, I.*, 2014
- Put a Label On It: Communicating Your Carbon Footprint**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/environment/put-a-label-on-it-communicating-your-carbon-footprint/>, *MacWilliam, S.*, January 7, 2014
- QEMSCAN Specialized Method of Analyzing Potash**, Editorial, Potash Works Magazine, *Hunt, L.*, September 2014
- Rare Earth Expertise in Canada and SRC's Mineral Processing Pilot Plant**, Interview, Resource Clips Social Network and News Site, *Schreiner, B.*, July 2014
- Remediating Abandoned Mine and Mill Sites in Northern Saskatchewan**, Interview, Regina Leader Post, *Wilson, I. and M. Calette*, May 24, 2014
- Remember the Biodigester**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/energy/remember-biodigester/>, *Nyirfa, W.*, April 28, 2014
- Research Offers Solutions for Oil and Mining Slurry Pipeline Challenges**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/mining/research-offers-solutions-oil-mining-slurry-pipeline-challenges/>, *McGilp, L.*, August 6, 2014
- Revealing Saskatchewan's True Diamond Potential**, Editorial, Northern Prospector Magazine, *Creighton, S.*, August 2014
- Right Place, Right Time**, Special Report, Journal Contribution and Interview, Alberta Oil Magazine, *Veerabhadrapa, S.*, April 2014
- Risks to the Energy Sector Related to Extreme Climate Events: Case Studies of Adaptation Actions focusing on the Upper and Lower Souris River Watersheds, Canada**, Invited Presentation, Energy Working Group Webinar, National Resources of Canada; Saskatchewan Research Council (SRC), Saskatoon, SK, 18 slides, *Wittrock, V., J. Parry and E. Wheaton*, October 15, 2014, SRC Publication: 13757-1D14
- Saskatchewan – Canada's Sunniest Province**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/environment/saskatchewan-canadas-sunniest-province/>, *Wittrock, V.*, November 26, 2014
- Saskatchewan Research Council Rare Earth Minerals in Saskatchewan and the World**, Interview, Regina Leader Post; Saskatoon Star Phoenix, *Murray, C.*, May 24, 2014
- Saskatchewan's Industry Adapting to our Changing Climate**, Invited Presentation, Saskatchewan Ministry of Environment, Regina, SK; Saskatchewan Research Council, Saskatoon (SRC), SK, 49 slides, *Wittrock, V., J. Pittman and E. Wheaton*, March 13, 2014, SRC Publication: 13687-1D14
- Saskatchewan's Industry Adapting to Our Changing Climate: Case Study of Qu'Appelle River Watershed and the Potash Industry**, Invited Presentation, Saskatchewan Climate Change Adaptation Meeting, *Wittrock, V., J. Pittman and E. Wheaton*, 2014
- Saskatchewan's Energy Frontman a Familiar Face**, Interview, Calgary Herald, *Paynter, P.*, April 2014
- SaskPower Forest Carbon Project: Update 2014** Presentation, Saskatchewan Environment Assistant Deputy Ministers (ADMs), Regina, SK, *Johnston, M.*, November 13, 2014
- Sealed for Safety**, Special Report, Journal Contribution, Canadian Mining Journal, *Lambert, J., D. Allen and C. Reid*, April 2014
- Seedhawk**, Interview, CTV Yorkton, *Wismer, M.*, January 2014
- Simulation Modeling to Address Climate Change Vulnerability and Adaptation Planning in a Saskatchewan Forest Ecosystem**, Book Chapter, in: S. Lac, M. McHenry and S. Kulshreshtha, eds. Forestry Mitigation and Adaptation Strategies for Climate Change. Nova Science Publishers, Hauppauge NY US, p. 17-34, *Qualtiere, E. and M. Johnston*, 2014
- Smoothing It Out: Improving Wind Turbine Reliability with Energy Storage**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/energy/smoothing-improving-wind-turbine-reliability-energy-storage/>, *Jansen, R.*, April 9, 2014
- Smoothing Out Wind's Volatility**, Interview, Saskatoon Star Phoenix, *Jansen, R.*, April 2014
- Solids Velocity Fluctuations in Concentrated Slurries**, Conference Paper, 19<sup>th</sup> Hydrotransport Conference, Golden, CO, *Hashemi, R., R. Spelay, K.F.K. Adane and R.S. Sanders*, September 24-26, 2014
- SRC Biodigester Unveiled in Ottawa**, Interview, Saskatoon Star Phoenix, *Taman-Athmer, E.*, April 15, 2014
- SRC Provides Potash Services Worldwide**, Editorial, Potash Review Journal, *Schreiner, B. and R. Gotto*, 2014
- SRC Unveils Innovative Biodigester**, Interview, Metro News Saskatoon and Regina, *Taman-Athmer, E.*, August 2014
- SRC's Economic Impact**, Interview, Global TV Saskatoon, *Schramm, L.L.*, December 2014
- Sustainability Appraisal of Revegetation Options for Mine Reclamation**, Conference Presentation, Canadian Land Reclamation Association (CLRA) 39<sup>th</sup> Nation Conference, Mont-Tremblant, QC; RemTech 2014 Banff, AB, *Petelina E., D. Sanscartier, S. MacWilliam and R. Ridsdale*, 2014

- Sustainability Appraisal of Revegetation Options for Mine Remediation in Northern Canada**, Conference Presentation, RemTech 2014 Banff, AB, *Petelina, E.*, October 2014
- Take Your Volatile Materials for a Ride in Our Test Loop**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/mining/take-your-volatile-materials-for-a-ride-in-our-test-loop/>, *McGilp, L.*, December 22, 2014
- Taking the Path Less Travelled: My Other Office, Part 2**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/environment/taking-path-less-travelled-office-part-2/>, *Reid, C.*, February 20, 2014
- The Evolving Climate of the Qu'Appelle River Watershed**, Invited Presentation, Using a Nuclear Reactor as a Remediation Tool, *Wittrock, V., E. Wheaton and J. Pittman*, July 15, 2014, SRC Publication: 10439-1D14
- The Pathway from Discovery to Invention to Innovation**, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/innovation/pathway-discovery-invention-innovation/>, *Schramm, L.L.*, September 3, 2014
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