

### **Paper – Journal with peer-review**

- 2018 Brooks H., Doré G., and S. Smith (2018). Permafrost Geotechnical Index Property Variability and Its Impact on Thermal Conductivity Calculations. Cold Regions Science and Technology, Vol. 148, pp 63-76.
- 2017 Kong X., Doré G. and F. Calmels (submitted 2017). Thermal modeling of heat balance through embankments in permafrost regions. Cold Regions Science and Technology
- Brooks H., Doré G., and A. Locat (submitted 2017) Soil Bridging Effects within Permafrost-Supported Embankment Infrastructure. ASCE Journal of Cold Regions Engineering
- 2016 Doré G., Niu F., Brooks H. (2016). Adaptation methods for transportation infrastructure built on degrading permafrost. Permafrost and Periglacial Processes, DOI: 10.1002/ppp.1919.
- 2016 Dumais S., Doré G. (2016). An albedo based model for the calculation of pavement surface temperatures in permafrost regions. Cold Regions Science and Technology, Vol. 123, March, pp 44-52.

### **Paper - Conference proceedings**

- 2018 Iwama M., Dumais S., Richard C., Lemieux C., Doré G. (2018). Application of high albedo surfacing material to mitigate permafrost degradation. International Winter Road Congress, Février 2018, Gdansk, Poland.
- 2017 Brooks, H., G. Doré, and A. Locat (2017). Permafrost-Supported Linear Infrastructure Risk Analysis Software: Design and Goals. ASCE's 1st Congress on Technical Advancement, September. Duluth, MN, USA. doi: 10.1061/9780784481028.011.
- 2015 Dumais S., Doré G. (2015). Surface temperatures calculation method for high albedo road surfaces in permafrost regions. Dans le compte-rendu de la 68e Conférence Canadienne de Geotechnique et 7e Conférence sur le Pergélisol, Septembre 20-23, Québec, Canada.
- Lanouette F., Doré G., Fortier D., Lemieux C. (2015). Influence of snow cover on the ground thermal regime along an embankment built on permafrost: In-situ measurements. Dans le compte-rendu de la 68e Conférence Canadienne de Geotechnique et 7e Conférence sur le Pergélisol, Septembre 20-23, Québec, Canada.
- Périer, L., Doré, G., Burn, C.R. (2015). Influence of water temperature and flow on thermal regime around culverts built on permafrost. Dans le compte-rendu de la 68e Conférence Canadienne de Geotechnique et 7e Conférence sur le Pergélisol, September 20-23, Québec, Canada.
- Lamontagne V., Périer L., Lemieux C., Doré G., Allard M., Roger J. et Guimond A. (2015) Suivi du comportement thermique et mécanique de l'adaptation de la route d'accès à l'aéroport de Salluit au Nunavik, Québec. In proceedings of 68e Conférence Canadienne de Geotechnique et 7e Conférence sur le Pergélisol, September 20-23, Québec, Canada.

Brooks H., Doré G., Locat A., Lemieux C. (2015). Quantitative Risk Analysis of Linear Infrastructure: State of the Practice and Research Plan. In proceedings of the International Conference on Cold Regions Engineering, July 19-22, Salt Lake City, Utah, USA.

Flécheux C., Doré G., Gosselin L., Lemieux C. (2015). Development of a Core Barrel for an In Situ Measurement of the Thaw Consolidation Behavior of Permafrost. In proceedings of the International Conference on Cold Regions Engineering, July 19-22, Salt Lake City, Utah, USA.

Loranger B., Doré G., Fortier D., Lemieux C. (2015). Massive Ice and Ice-Rich Soil Detection by Gravimetric Surveying at Dry Creek, Southwestern Yukon Territory, Canada. In proceedings of the International Conference on Cold Regions Engineering, July 19-22, Salt Lake City, Utah, USA.

Richard C., Doré G., Lemieux C., Bilodeau J-P., Haure-Touzé J. (2015). Albedo of Pavement Surfacing Materials: In Situ Measurements. In proceedings to the International Conference on Cold Regions Engineering, July, Salt Lake City, USA.

2014 Périer, L. Doré, G., Burn, C.R. 2014. The effects of water flow and temperature on thermal regime around a culvert built on permafrost. *Science in Cold and Arid Regions*, Vol. 6, Issue 5, October, p. 415-422.

**Other (journal)**

2013 Dumais S., Doré G. (2013). Utilisation de surfaces à albédo élevé afin de contrer la dégradation du pergélisol sous les infrastructures de transport. *Via Bitume*, Vol. 8, no 3, octobre, p. 26-27.

Lemieux C., Doré G., Dumais S., Grabundzija D., Perier L., Loranger B. et M-Lepage, J. (2013). Préservation des infrastructures de transport dans le Nord canadien: Programme Arquluk. *AQTr Route & Transport*, édition spéciale: Les défis d'infrastructures en milieu nordique, vol 42, no 4, p.15-18.