





- Brown, TM, Edinger, EN, Hooper, RG, Belliveau, K. , 2009, Benthic marine fauna and flora, and coastal landscape instability of two locations in the western and central Canadian Arctic, Arctic, 1, Submitted
- Catto, N.R. and Parewick, K., 2010, Hazard and vulnerability assessment and adaptive planning: mutual and multi-lateral community-researcher communication, Arctic and Atlantic Canada, Communicating Geoscience, 123-140, Published
- Couture, N.J., Hoque, A.MhD. and Pollard, W.H., 2008, Modelling the erosion of ice-rich deposits along the Yukon Coastal Plain, Ninth International Conference on Permafrost Proceedings, v.1, 303-308, Published
- Couture, N.J., Pollard, W.H., Olynyk, D., and Lantuit, H. , 2010, Physical threats to cultural resources and infrastructure on Herschel Island, Yukon, Canada, Polar Geography and Geology, 1, Submitted
- Ford, J., 2008, Emerging trends in climate change policy: the role of adaptation, International Public Policy Review, v.2, no.2, 5-16, Published
- Ford, J., Pearce, T., Gilligan, G., Smit, B. and Oakes, J., 2008, Climate change and hazards associated with ice use in northern Canada, Arctic, Antarctic, and Alpine Research, v.40, 647-659, Published
- Ford, J.D., Bell, T. and St. Hilaire, D. , 2010, Vulnerability of community infrastructure to climate change in Nunavut: a case study from Arctic Bay, CAVIAR – Community Adaptation and Vulnerability in Arctic Regions, 1, Accepted
- Ford, J.D., Bell, T. and St. Hilaire-Gravel, D., 2010, Vulnerability of community infrastructure to climate change in Nunavut: A case study from Arctic Bay., In CAVIAR – Community Adaptation and Vulnerability in Arctic Regions. Edited by Grete K. Hovelsrud and Barry Smit., 107-130, Published
- Goldhar, C., bell, T., Chuenpagdee, R., and Wolf, J. , 2009, Bringing water to the cabin: vulnerability of drinking water systems under a changing climate in Nunatsiavut, 2009 ArcticNet Annual Conference Proceedings, 99, Published
- Hopkinson, C., Crasto, N., Marsh, P., Forbes, D.L. and Lesack, L., 2010, Investigating the spatial distribution of water levels in the Mackenzie Delta using airborne LiDAR, Hydrological Processes, , Submitted
- Hoque, A.Md. and Pollard, W.H., 2008, Thermal and mechanical erosion along ice-rich Arctic coasts, Ninth International Conference on Permafrost Proceedings, v.1, 741-746, Published
- Hoque, Md.A. and Pollard, W.H. , 2009, Arctic coastal retreat through block failure, Canadian Geotechnical Journal, 1103-1115, Published
- Lantuit, H. and Pollard, W.H., 2008, Fifty years of coastal erosion and retrogressive thaw slump activity on Herschel Island, southern Beaufort Sea, Yukon Territory, Canada, Geomorphology, v.95, no.1-2, 84-102, Published
- Lantuit, H., Overduin, P.P., Couture, N., Wetterich, S., Aré, F., Atkinson, D., Brown, J., Cherkashov, G., Drozdov, D., Forbes, D., Graves-Gaylord, A., Grigoriev, M., Hubberten, H.W., Jordan, J., Jorgenson, T., Ødegård, S., Stanislav. O., Wayne, H., Rachold. R., Sedenko, S., Solomon, S., Steenhuisen, S., Streletskaya, I. and Vasiliev, A, 2011, The Arctic Coastal Dynamics database: a new classification scheme and statistics on Arctic permafrost coastlines., Estuaries and Coasts, , Accepted
- Lantuit, H., Pollard, W.H., Couture, N., Fritz, M., Schirrmeister, L., Meyer, H and Hubberten, H.-W., 2010, Modern and Late Holocene retrogressive thaw slump activity on the Yukon Coastal Plain and Herschel Island, Yukon Territory, Canada., Permafrost and Periglacial Processes, , Submitted
- Lantuit, H., Rachold, V., Pollard, W.H., Steenhuisen, F., Ødegård, R. and Hubberten, H.-W., 2009, Towards a calculation of organic carbon release from erosion of Arctic coasts using non-fractal coastline datasets, Marine Geology, v.257, no.1-4, 1-10, Published
- Simon, K.M., James, T.S. and Ivins, E.R., 2010, Ocean loading effects on the prediction of Antarctic glacial isostatic uplift and gravity rates, Journal of Geodesy, , Accepted
- St-Hilaire, D., Forbes, D.L., Taylor, R.B. and Bell, T., 2011, Multi-temporal analysis of a gravel-dominated coastline in the central Canadian Arctic, Journal of Coastal Research, , Submitted

St. Hilaire, D., Bell, T. and Forbes, D.L., 2010, Raised gravel beaches as proxy indicators of past sea-ice and wave conditions, Lowther Island, Canadian Arctic Archipelago, Arctic, v.63, no.2, 213-226, Published

St. Hilaire, D., Bell, T., and Forbes, D.L. , 2009, Raised gravel beaches as proxy indicators of past sea-ice and wave conditions, Lowther Island, Canadian Arctic Archipelago, Arctic, 1, Accepted

### **Other Refereed Contributions**

Forbes, D.L., 2010, Glaciated coasts, Treatise on Estuarine and Coastal Science, v.3, chapter 11, , Accepted

Forbes, D.L. and Hansom, J.D., 2011, Polar coasts, Treatise on Estuarine and Coastal Science, v.3, chapter 12, , Accepted

### **Non-Refereed Contributions**

Bell, T., 2010, Landscape processes and their impacts in Arctic communities., Canadian Institute of Planners Conference – Climate Change and Communities: A call to action, October 2-5, Montreal, QC., 1, Published

Boike, J., Hubberten, H.-W., Lantuit, H., Overduin, P.P., Schirmer, L., Wagner, D., Huch, M. , 2009, Das Internationale Polarjahr 2007/08, Polarforschung, v.78, no.2, 129-132, Published

Edinger, E.N., Bell, T., Belliveau, K., Brown, T.M., Catto, N.R., Carpenter, M., Copeland, A.C., Forbes, D.L., Goobie, M., St-Hilaire-Gravel, D. , 2009, Variation in Coastal Marine Geomorphic and Biological Systems and Response to Climate Change across the Canadian Arctic, 2009 ArcticNet Annual Conference Proceedings, 34-35, Published

Edinger, E.N., Brown, T.M., Bell, T., Belliveau, K., Catto, N.R., Copeland, A.C., Forbes, D.L., St-Hilaire-Gravel, D., and Tarasov, L., 2009, Climate Change Impacts on Coastal Marine Systems across the Canadian Arctic., 8th International GEOHAB Conference proceedings, 1, Published

Forbes, D.L., Lavergne, J.C., Craymer, M.R., Frobel, D. and Mazzotti, S., 2011, Coastal and geodetic surveys in Aulavik National Park, Banks Island, NWT, 2003-2009, Report to Parks Canada, Western Arctic Field Unit, Inuvik, NWT, 28 p., Published

Forbes, D.L., Manson, G.K., Mate, D. and Qammaniq, A., 2008, Cryospheric change and coastal stability: combining traditional knowledge and scientific data for climate change adaptation, Ice and Climate News, no. 11, 17-18, Published

Forbes, D.L., St-Hilaire, D., Bell, T., Craymer, M.R., James, T.S., Manson, G.K., Mazzotti, S., Simon K.M., and Smith, I.R, 2009, Limits of submergence and coastal response across the Canadian Arctic., 2009 ArcticNet Annual Conference Proceedings, 38, Published

Goldhar, C., Pottle, P., Bell, T., and Wolf, J. , 2010, Bringing water to the cabin: vulnerability of drinking water systems under a changing climate in Nunatsiavut, Water and Risk workshop proceedings, 1, Published

Goldhar, C., Pottle, P., Bell, T., and Wolf, J. , 2010, Freshwater availability and access in Nunatsiavut: A case study from Rigolet, State of the Arctic conference proceedings, 1, Published

Goobie, M., Bell, T. and Edinger, E. , 2009, Benthic habitat mapping of Arctic Bay, Northern Baffin Island, Nunavut, 2009 ArcticNet Annual Conference Proceedings, 99-100, Published

Hatcher, S.V., Forbes, D.L. and Manson, G.K., 2010, Coastal hazard mapping in an expanding Iqaluit, Proceedings, ArcticNet Annual Science Meeting, Ottawa, 126-127, Published

Irvine, M.L., Smith, I.R., Bell, T., and Forbes, D.L. , 2009, Building on unstable ground: Identifying physical landscape constraints on infrastructure sustainability and planning in Nunavut communities, 2009 ArcticNet Annual Conference Proceedings, 104-105, Published

James, T., Simon, K., Forbes, D., Dyke, A. and Mazzotti, S., 2010, Projections of relative sea-level change in the Canadian North, IPCC Workshop on Sea Level Rise and Ice Sheet instabilities, Kuala Lumpur, Malaysia, 1, Published

James, T.S., Simon, K., Forbes, D., Dyke, A. and Mazzotti, S., 2010, Sea-level fingerprinting, vertical crustal motion from GIA, and projections of relative sea-level change in the Canadian Arctic, European Geophysical Union General Assembly, v. 12, Abstract EGU2010-7656-2., 1, Published

James, T.S., Simon, K.M., Forbes, D.L., Dyke, A.S. and Mate, D., 2010, Sea-Level Projections for Five Pilot Communities of the Nunavut Climate Change Partnership, Geological Survey of Canada, Open File 6715, , Accepted

James, T.S., Simon, K.M., Forbes, D.L., Dyke, A.S. and Mate, D., 2010, Sea-level change and coastal communities in Northern Canada, Climate Change + Communities: a Call to Action, Montreal, 1, Published

James, T.S., Simon, K.M., Forbes, D.L., Dyke, A.S. and Mazzotti, S., 2010, Sea-level fingerprinting, vertical crustal motion from postglacial rebound, and projections of relative sea-level change in the Canadian Arctic, Proceedings, ArcticNet Annual Science Meeting, Ottawa, 60, Published

Simon, K.M., James, T.S., Dyke, A.S., Forbes, D.L. and Stephaniuk, J., 2010, Refining projections of relative sea-level change and vertical crustal motion from glacial isostatic adjustment in northern Canada: past, present, and future, Abstract G41B-0816, presented at 2010 Fall Meeting, AGU, San Francisco, 1, Published

Smith, I.R., 2010, How does science inform the planning process?, Canadian Institute of Planners Conference – Climate Change and Communities: A call to action, October 2-5, Montreal, QC. (talk)., 1, Published

St-Hilaire-Gravel, D., Forbes, D.L., Taylor, R.B. and Bell, T.J., 2010, Multi-temporal analysis of a gravel-dominated coastline in the central Canadian Arctic Archipelago, Proceedings, ArcticNet Annual Science Meeting, Ottawa, 160-161, Published

### **Specialized Publications**

Forbes, D.L. and Manson, G.K., 2010, Sea level rise and coastal erosion in and around Clyde River, Clyde River Climate Change Adaptation Project (<http://ititaq.ca/post-project/sea-level-rise-and-coastal-erosion>), 15 figs and text, Published

Forbes, D.L., Bell, T., James, T.S. and Simon, K.M., 2010, A Reconnaissance Assessment of Landscape Hazards and Potential Impacts of Future Climate Change in Arviat, Nunavut, Report submitted to the Canadian Institute of Planners, 1, Published

Forbes, D.L., Bell, T., James, T.S. and Simon, K.M., 2010, A Reconnaissance Assessment of Landscape Hazards and Potential Impacts of Future Climate Change in Arviat, Nunavut, Geological Survey of Canada, Open File, 12 pp, Submitted

James, T.S., Simon, K.M., Forbes, D.L. and Dyke, A.S. , 2009, Sea-level Projections for Five Pilot Communities of the Nunavut Climate Change Partnership, Report submitted to the Canadian Institute of Planners, 1, Published

Smith, I.R., 2009, A Reconnaissance Assessment of Landscape Hazards and Potential Impacts of Future Climate Change in Kugluktuk, Nunavut, Report submitted to the Canadian Institute of Planners, 1, Published

Smith, I.R., 2010, A reconnaissance assessment of landscape hazards and potential impacts of future climate change in Kugluktuk, Nunavut., Geological Survey of Canada, Open File, 15 pp, Accepted

Smith, I.R. and Forbes, D.L., 2010, A Reconnaissance Assessment of Landscape Hazards, Sea Level Change, and Potential Impacts of Future Climate Change in Cambridge Bay, Nunavut, Report submitted to the Canadian Institute of Planners, 1, Published

Smith, I.R. and Forbes, D.L., 2010, A reconnaissance assessment of landscape hazards, sea level changes, and potential impacts of future climate change in Cambridge Bay, Nunavut., Geological Survey of Canada, Open File, 19 pp, Accepted

Smith, R., Bell, T., Allard, M. and l'Herault, E., 2010, Terrain hazards and permafrost, Clyde River Climate Change Adaptation Project (<http://ititaq.ca/post-project/terrain-hazards-and-permafrost>), 7 figs and text, Published