

4.7 Science-Policy Interactions

Summary

Project Leader(s)

McBean, Gordon

An overarching objective of ArcticNet is to translate a growing understanding of a changing Arctic into impact assessments, governmental policies and adaptation strategies. In order for research conducted by ArcticNet scientists and their partners to affect change there must be a process by which relevant information is brought to the attention of policy and decision-makers. Similarly, there must be a mechanism for governments and organizations to communicate concerns, priorities and information needs to ArcticNet researchers. For this transfer to occur, an open dialogue must exist. An open-dialogue goes beyond simply providing accessible research results to engaging in a two-way transfer of knowledge. The focus of Theme 4 is to provide directly relevant information to aid policy and decision makers in the development of policies and strategies for adapting to a changing Arctic environment. It is Project 4.7 that will create and maintain an open-dialogue providing a means of communicating ArcticNet research results of relevance and priority to the north. Essential to achieving this open-dialogue is an understanding of the processes of knowledge transfer and its use by policy and decision makers. Collaborating with ArcticNet scientists and partners, governments, and organizations, Project 4.7 will be able to put research findings in the appropriate societal and political framework addressing identified priorities and information needs. With this understanding, Project 4.7 Network Investigators can make recommendations and assist with implementing means to improve the knowledge transfer process in ways that result in positive actions being taken. ArcticNet aims to make a difference for people of the coastal Canadian Arctic; through communication and collaboration Project 4.7 will assist in the achievement of this objective.

People

Network Investigators

King, Leslie (Malaspina University-College)
McBean, Gordon (University of Western Ontario)
Stone, John (Carleton University)

Collaborators & Research Associates

Braithwaite, Leah (Fisheries and Oceans Canada - Science Sector)
Fenge, Terry (Terry Fenge Consulting Incorporated)
Kraft-Sloan, Karen (York University)
Rigby, Bruce (Government of Nunavut)
Whitby, Leslie (Indian and Northern Affairs Canada - Environment and Renewable Resources Directorate)

PhD Students

Brock, David (University of Western Ontario)

Masters Students

Budreau, Davin (University of Western Ontario)
Gibson, Tammy (University of Manitoba)
Kushwaha, Anita
Pankratz, Rhonda (University of Manitoba)
Schmidt, Robert
Thompson, Adam

Undergraduate Students

Pollock, Nicolas (University of Western Ontario)

Project Staff

Budreau, Davin (University of Western Ontario)

Coates, Leslie (University of Western Ontario)
Cromar, Brooke (McGill University)
Gearheard, Shari (University of Colorado at Boulder - CIRES)
Lukovich, Jennifer (University of Western Ontario)
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Partners

A.D. Latornell Endowment Fund
National Round Table on the Economy and the Environment
Canadian Foundation for Climate and Atmospheric Sciences
University of Western Ontario
Institute for Catastrophic Loss Reduction

Publications

Articles Published in Refereed Publications

Budreau, D.W. and McBean, G.A. , 2006, Climate Change, Adaptive Capacity and Policy Direction in the Canadian North: Can We Learn Anything from the Collapse of the East Coast Cod Fishery?, Mitigation and Adaptation Strategies for Global Change, 1, Submitted

McBean, G. in Brauch, et al. (Eds.), 2006, "Role of Prediction in Sustainable Development and Disaster Management", Globalisation and Environmental Challenges: Reconceptualising Security in the 21st Century, vol 3, i.p., Accepted

McBean, G.A., 2006, The intersection of policies on disaster mitigation, climate change and international development., In Haque and Etkin (Eds.) Reducing Risk Through Partnerships. In-submission, 1, Submitted

McBean, G.A., 2006, An integrated approach to clean air, climate change and weather hazards. , 1, Policy Options, Accepted

John M. Stone and Anita Kushwaha, 2006, An Examination of the Role and Relevance of the Canadian Polar Commission, Arctic Journal , 1, Submitted

Cromar, B., 2007, The Importance of Experience: Incorporating the Nunuvut Inuits' Traditional Ecological Knowledge into National and Territorial Climate Change Strategies and Policies. In-Submission., Arctic Journal, 1, Submitted

Stone, J. and Anita Kushwaha, 2007, An Examination of the Role and Relevance of the Canadian Polar Commission. In-Submission, Arctic Journal, 1, Submitted

Other Refereed Contributions

Cromar, B. , 2006, A critical look at Traditional Ecological Knowledge in the structures and policies of the Government of Nunavut and of the Government of Canada. , Major Research Paper. Submitted to the Department of Political Science, 1, Submitted

Non-Refereed Contributions

McBean, G. and Dawson, J., 2004, Science to Policy-Makers and People, Proceedings ArcticNet 2004 Annual Scientific Meeting, 47-48, Accepted

Brock, D.M., 2005, The National Science Advisor Owns a Compass – Does it Point North?, 2005 ArcticNet Annual Conference Proceedings, 11, Published

Budreau, D.W., 2005, A Political Framework for Arctic Change: Science, Policy and Interdisciplinary Investigation, 2005 ArcticNet Annual Conference Proceedings, 20, Published

Cromar, B., 2006, The Policy Cycle in Canada: Where Does Science and Traditional Ecological Knowledge Fit? , Poster, 2006 ArcticNet Annual Conference Proceedings, 1, Accepted

Specialized Publications

McBean, Gordon, 2004, THEME 4 - ADAPTING TO CHANGE IN THE CANADIAN ARCTIC: KNOWLEDGE TRANSFER, POLICIES AND STRATEGIES, Proceedings ArcticNet 2004 Annual Scientific Meeting, 14, Accepted