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# Nunavummi Qaujsaqtulirijikkut / Nunavut Research Institute

Box 1720, Iqaluit, NU X0A 0H0 phone:(867) 979-7279 fax: (867) 979-7109 e-mail:  
mosha.cote@arcticcollege.ca

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## RESEARCH REGISTRY

Registry# 02 044 12 Registry

ISSUED TO:

Derek Mueller  
Department of Geography  
Carleton University  
1125 Colonel By Drive  
Ottawa, Ontario  
K1S 5B6 Canada  
613 520 2600 x 1984

TEAM MEMBERS:

D.Mueller,A.Crawford,P.Wadhams,K.Nicholls.R.Bates,A.Stern,  
R.Mulvaney,M.Fischer

AFFILIATION:

Carleton University

TITLE: Ice Islands of the Eastern Canadian Arctic

OBJECTIVES OF RESEARCH:

This research program brings together an international team of researchers to continue previous study on the drift, deterioration and shape of ice islands (large tabular icebergs of Arctic ice shelf or floating glacial tongue origin) in the Eastern Canadian Arctic. Four ice islands were studied in July and October of 2011 and future research will build on this work in 2012 and beyond. Ice islands have extensive dimensions (1 km<sup>2</sup> to 250 km<sup>2</sup>) and are considered ice hazards for shipping and natural resource exploration and development in the Canadian Arctic and Sub-Arctic. The objective of this work is to better understand the drift and deterioration of these ice islands. This will allow for accurate size and location prediction and proper risk assessment and management by stakeholders.

DATA COLLECTION IN NU:

DATES: July 25, 2012-August 10, 2012

LOCATION: Canadian Arctic Archipelago,Arctic Ocean,Baffin Bay

Registered for notification purposes only.

Issued at Iqaluit, NU on July 25, 2012.

Mary Ellen Thomas  
Science Advisor

