

# GLACIAL ICE HAZARDS WORKING GROUP INAUGURAL MEETING - OTTAWA



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Hosted by Carleton University 1125@ Carleton Facility  
25-26 June 2015

# JUST THE FACTS

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- Event:** Inaugural Meeting of the Canadian Glacial Ice Hazards Working Group
- When:** 25 - 26th June, 2015 - 9 am EDT start on Thursday, ending by Friday by 2 pm EDT.
- Where:** Carleton University, @1125 facility in the HCI Building (Ottawa) with Videoconferencing in St John's, Halifax, Victoria
- Object:** To foster interdisciplinary collaboration on iceberg and ice island applied research
- Outcomes:** Coordinated research and data sharing proposals
- Who:** Working-level industry, government and academia (all by invitation)

# CONFIRMED PARTICIPANTS



**Carleton**  
UNIVERSITY



uOttawa



Fisheries and Oceans  
Canada



# OBJECTIVES

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- To attract the icebergs/ice islands community to one coordinated event so that knowledge, data, and findings are more effectively exchanged.
- To advance the state of the art and improve offshore/marine safety and security.
- To foster interdisciplinary work and reframe and prioritize research topics where needs are greatest.

# SCOPE

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- Ice Management
- Drift and deterioration science/modelling
- Climatology
- Remote Sensing
- *In-Situ* Measurements
- Physical Modelling
- Airborne and Surface observations
- Environmental Inputs
- Other....

# MOTIVATION

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- Most knowledge of icebergs is specific to operations on the Grand Banks & ice islands are remain poorly understood
- As exploration expands to the Arctic, knowledge gaps and uncertainties magnify in importance
- There has been a lull in research since the 1980's, but we are starting to see a resurgence
- There is a growing sense that new approaches are needed to meet challenges
- New technologies are available for detection, *in-situ* measurements, tracking and climatology