

# SIMBA Workshop

**February 28<sup>th</sup> – March 2<sup>nd</sup> 2005**  
**NSF Funded, co-sponsored by IARC and APL**  
**Chair: Jennifer Hutchings**

## MEETING GOALS:

1. Recommendations for a sea ice monitoring program.
2. Recommendations for a joint modelling-observational campaign/s.

## **Feb. 28th**

### Days Goal:

1. To understand the current state of the art in modelling and observations of the Arctic sea ice mass budget and variability.
2. Determine knowledge and data gaps, and outline resolution and accuracy of sea ice mass balance analysis required by various communities.

08:30 Introduction

08:50 Perovich *Plenary Talks*

09:05 Bitz

09:20 Brigham

09:35 Gradinger

09:50 *Coffee*

10:10 Eicken

10:30 Hibler

10:50 *Working Groups*

(1) Modelling	Feltham & Arbetter
(2) Observations and Data	Eicken & Haarpainter

12:00 *Lunch*

13:30 *Working Groups*

(1) Biology	<i>Coffee Break 3pm</i> Gradinger & Deal
(2) Climate	Bitz & Meier
(3) Human Aspects	Brigham & Bentley

16:00 Working group synopsis and open discussion

17:00 Break

18:30 Posters and reception (Portage Bay Cafe 4130 Roosevelt Way N.E., no host bar)

## Mar. 1st:

### Days Goal:

1. Identify key regions and science issues which require investigation to improve our understanding of the Arctic sea ice mass budget and its impacts.
2. Identify key variables and processes to observe/measure in order to monitor the Arctic sea ice mass budget to sufficient accuracy and resolution.

08:30 Introduction and summary.

08:50-09:40 Components of an observing system talks: 5 mins each

Kwok (10 min), Geiger, Rigor, Richter-Menge, Bentley, Pritchard

09:40 *Coffee*

10:10 *Working Groups*

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|-----------------|--------------------|
| (1) synoptic    | Meier & Pruis      |
| (2) annual      | Wilson & Hutchings |
| (3) interannual | Kwok & Laxon?      |

12:00 *Lunch*

13:30 *Working Groups*

*Coffee Break 3pm*

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|---|---------------------|
| (1) dynamics  | Hutchings & Geiger  |
| (2) thermodynamics  | Perovich & Baskeran |
| (3) dependent systems and complementarity with other programmes | Persson & Jia       |

4:00 Working group synopsis

5:00 Posters

## Mar. 2nd

### Days Goals:

1. Recommendations for campaign to address the deficiencies in knowledge and issues identified on day 2.
2. Outline plan for observation system and modelling-observation programme

08:30 Summary from committee

08:45 Plenary Talk Maslanik

09:00 *Working Groups*

Review and refine observing system recommendations

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|-------------|----------|
| (1) Group 1 | Geiger   |
| (2) Group 2 | Overland |
| (3) Group 3 | Deal     |

09:50 *Coffee*

10:10 *Working Groups* (pre-assigned)

Refine field/model/process study plans.

12:00 *Lunch*

13:30 Working Groups synopsis

14:00 Misson Planning for SIMBA programme

15:00 Summary from committee

Open field for discussion.

15:30 Meeting Close