

AMAP/CliC/IASC Carbon Workshop
(A Scientific Synthesis and Assessment of the Arctic Carbon Cycle)
(draft of 8 November 2006)

Monday, 26 February 2007

Arrival

Tuesday, 27 February 2007 (primarily presentations relevant to synthesis)

Morning Session

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| 8:00 a.m. | Welcome, Logistics, Introduction, Background, Objectives
(McGuire/Christensen/Guo) |
| 8:30 a.m. | What is the Arctic Carbon Cycle? (McGuire/Christensen/Guo) |
| 9:00 a.m. | What are the current terrestrial carbon stocks in the Arctic? (TBD) |
| 9:30 a.m. | What are the current marine carbon stocks in the Arctic? (TBD) |
| 10:00 a.m. | Discussion of assessment of stocks |
| 10:30 a.m. | Coffee Break |
| 11:00 a.m. | What is the current exchange of carbon dioxide between the
atmosphere and arctic terrestrial ecosystems? (TBD) |
| 11:30 a.m. | What is the current exchange of methane between the
atmosphere and arctic terrestrial ecosystems? (TBD) |
| 12:00 noon | Discussion of assessment of vertical exchanges |

Lunch

12:30 to 1:30 p.m.

Afternoon Session

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| 1:30 p.m. | What are the current horizontal fluxes of dissolved organic carbon,
dissolved inorganic carbon, and particulate organic carbon from
arctic terrestrial ecosystems to arctic marine ecosystems? (TBD) |
| 2:00 p.m. | What is current exchange of carbon between the global oceans and
marine systems of the Arctic? (TBD) |
| 2:30 p.m. | Discussion of horizontal fluxes. |
| 3:00 p.m. | Coffee Break |
| 3:30 p.m. | What is the role of the Arctic Carbon Cycle in the Global Carbon
Cycle? (TBD) |
| 4:00 p.m. | What are the sensitivities of the Arctic Carbon Cycle to projected
climate change? (TBD) |
| 4:30 p.m. | What are key uncertainties and how can we reduce them? (TBD) |
| 5:00 p.m. | Discussion of previous three talks |

Wednesday, 28 February 2006 (primarily breakout groups to provide advice)

Morning Session

8:00 a.m.	Summary of previous days talks, organization of breakout groups, and charge to breakout groups. Preliminary thoughts are that there will be four breakout groups (a stocks group, a vertical flux group, a horizontal flux group, and a projected sensitivity/uncertainty group)
8:30 a.m.	Breakout groups meet
10:30 a.m.	Coffee Break
11:00 a.m.	Presentation by Breakout Group 1
11:15 a.m.	Presentation by Breakout Group 2
11:30 a.m.	Presentation by Breakout Group 3
11:45 a.m.	Presentation by Breakout Group 4
12:00 noon	General Discussion

Lunch

12:30 to 1:30 p.m.

Afternoon Session

1:30 p.m.	How do we improve the synthesis? (McGuire/Christensen/Guo)
2:30 p.m.	Summary/Next Steps/Formal Adjournment (McGuire/Christensen/Guo)
3:00 p.m.	Coffee Break (departure of those needing to catch flights)
3:30 p.m.	What additional products related to the synthesis might be produced by workshop participants?
4:00 p.m.	Meetings by workshop participants to organize additional products.
5:30 p.m.	Informal adjournment

Thursday, 1 March 2007 (meeting of the writing team)

Morning Session

8:00 a.m.	Meeting of the writing team to discuss and implement action items identified by the workshop
10:00 a.m.	Coffee Break
10:30 a.m.	Continued meeting of the writing team
Noon	Adjournment of the writing team