

# Final Agenda for the International Workshop to Reconcile Northern Permafrost Region Methane Budgets

7-9 March 2017, Seattle, WA

## Day 1 Agenda

### Tuesday, 7 March 2017

Location: Hyatt at Olive 8, Azure room

#### AM

Breakfast on your own

8:30-9:00

Welcome, Introductions, Logistics, Objectives, Products:

Dave McGuire/Brendan Kelly/Henry Huntington/Lisa Sheffield Guy

9:00-9:10

Brett Thornton: Top-down vs. Bottom-up Discrepancies

9:10-9:30

Discussion of Workshop Objectives and Products: Dave McGuire/Brendan Kelly

9:30-9:40

Overview of the Atmospheric Component: Lori Bruhwiler and Chip Miller, Moderators

9:40-9:50

Scot Miller: Inversions for the North America Arctic-Boreal Region

9:50-10:00

Colm Sweeney: Airborne and Tower Measurement Perspectives

10:00-10:10

Thibaud Thonat: LSCE Research on CH<sub>4</sub> Dynamics in the Arctic

10:10-10:30

Discussion: Henry Huntington, Chip Miller, and Lori Bruhwiler

10:30-11:00

Coffee Break (Azure foyer)

11:00-11:10

Overview of the Marine Component: Jennifer Frederick, Moderator

11:10-11:20

Igor Semiletov: Coastal Siberia Perspectives

11:20-11:30

John Pohlman: Beaufort Sea Perspectives

11:30-11:40

Ellen Damm: Sea Ice Perspectives

11:40-12:00

Discussion: Henry Huntington and Jennifer Frederick

#### PM

12:00-1:30

Lunch on your own

1:30-1:40

Overview of the Inland Component: David Olefeldt, Moderator

1:40-1:50

Jennifer Watts: Dynamic Ecosystem Regulation of Northern Wetland CH<sub>4</sub> Flux

1:50-2:00

Torsten Sachs: Scaling Challenges in Heterogeneous Landscapes

2:00-2:10

David Bastviken: Lake/Wetland Scaling Challenges

2:10-2:30

Discussion: Henry Huntington and David Olefeldt

2:30-2:40

Role of Remote Sensing in Reconciling Methane Budgets: Chip Miller, Moderator

2:40-2:50

Colin Gleason: Overview of Surface Water Ocean Tomography (SWOT) Mission

2:50-3:00

Lesley Ott: Pan-Arctic Inversions Using Satellite Data

3:00-3:10

Anthony Bloom: Remote Sensing Constraints on North Wetland CH<sub>4</sub> Process Uncertainty

3:10-3:30

Discussion of the Role of Remote Sensing: Henry Huntington and Chip Miller

3:30-4:00

Coffee Break (Azure foyer)

4:00-4:10

Strategy Towards an Overall Synthesis: Dave McGuire

4:10-4:20

Initial Plans for Synthesis: Atmospheric Component: Chip Miller and Lori Bruhwiler

4:20-4:30

Initial Plans for Synthesis: Inland Component: David Olefeldt

4:30-4:40

Initial Plans for Synthesis: Marine Component: Jennifer Frederick

4:40-5:00

General Discussion of Strategy Towards and Overall Synthesis: Henry Huntington

5:00-5:30

General Discussion of Day 2 Agenda: Dave McGuire and Henry Huntington

5:30-7:00

Session for other attendees to briefly present their research (light snacks and cash bar)

7:00

Adjourn (dinner on your own)

## **Day 2 Agenda: Wednesday, 8 March 2017**

Location: Hyatt at Olive 8, Azure room

<b>AM</b>	Breakfast on your own
8:30-9:00	Day 2 Organization (Refining Plans for Synthesis): Dave McGuire and Henry Huntington
9:00-11:30	Breakout Discussions (separate groups for Atmospheric, Inland, and Marine Components; to address individual and overall syntheses): Chip Miller/Lori Bruhwiler, David Olefeldt, and Jennifer Frederick
Whenever	Coffee Break (Azure foyer)
11:30-11:40	Atmospheric Group Report
11:40-11:50	Inland Group Report
11:50-12:00	Coastal Group Report
<b>PM</b>	
12:00-1:30	Lunch on your own
1:30-2:00	Discussion of Charge for Afternoon Breakouts: Dave McGuire and Henry Huntington
2:00- 4:00	Breakout Sessions
Whenever	Coffee Break (Azure foyer)
4:00-4:10	Summary Report from Group 1
4:10-4:20	Summary Report from Group 2
4:20-4:30	Summary Report from Group 3
4:30-5:00	General Discussion and Day 3 Agenda: Dave McGuire and Henry Huntington
5:00	Adjourn
7:00	Group Dinner at the Wild Ginger (maps available)

**Day 3 Agenda: Thursday, 9 March 2017**

Location: Hyatt at Olive 8, Azure room

**AM**

Breakfast on your own

8:30-9:00 Potential Ties to the Global Carbon Project Methane Budget Analysis: Rob Jackson

9:00-9:30 General Discussion of Connections to Sea and Inland Ice: Brendan Kelly

9:30-10:30 Planning the Development of the Overall Synthesis: Dave McGuire and Henry Huntington

10:30-11:00 Coffee Break (Azure foyer)

11:00-12:00 Discussion of Next Steps, Timelines, and Deliverables: Dave McGuire

12:00 Adjourn (lunch on your own)

**PM**

12:00-1:00 Lunch for Organizing Committee at Urbane Restaurant

1:00-3:00 Debriefing and Discussion among Organizing Committee