

Wetlands Conservation and Restoration Protocol: Science Coordination Workshop

March 17th & 18th, 2010

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- Climate Change Central is coordinating protocol development and review on behalf of the Ducks Unlimited Canada and the Prairie Habitat Joint Venture.
- This workshop will gather experts to review and assess the science and methods for their applicability to prairie conditions.
- You have received & reviewed 4 documents:
 - SDD – Implementation
 - SDD – Quantification
 - Coles Notes of a Manuscript
 - DU Procedures Document

Objectives for Wetlands Protocol Workshop

Purpose:

- To engage key scientific researchers, technical experts and project developers at home and abroad, to provide advice and agreement on the best available quantification methodologies to assess GHG emission .
- Alberta Conditions include the Environmental and the Policy conditions – consistency with existing Alberta protocol approaches is important.

Workshop Goal

- Discover and Support consensus among scientific researchers and technical practitioners concerning quantifiable and verifiable conservation and restoration practices and GHG quantification methodologies to meet the emissions reduction criteria of ISO 14064-2

“Soft” Workshop Objectives

- Opportunity to share your knowledge, ideas, opportunities and capabilities towards a workable first generation protocol
- Influence and inform policy development at the protocol level

Roles

Speakers:

- Present their research to inform and educate the group in preparation Option Development in small groups

Participants:

- Provide input in the groups; prepare recommendations in breakout groups for qualified individuals to assess
- identify knowledge gaps and prioritize them

Roles

Project Developers/Technology Service Providers:

- ◆ Provide the practical input on key quantification protocol items from your on-the-ground learning's
- ◆ Help to identify knowledge gaps that need to be addressed

Roles

Facilitators and Content/Process Leaders:

- Ensure everyone has a voice and is heard
- Clearly lay out the objectives and expected results from the day;
- Direct traffic to and make sure we're on track in terms of time

Use a combination of a literature and existing protocol review in the form of a science discussion papers, sharing recent research results, researcher experience and group discussion and evaluation of ideas and recommendations to achieve the workshop outcomes.

- Day One:

- Set the foundation by setting the context for carbon offsets and protocols,
- Examine the state of the science and baselines
- Examine quantification approaches
- Reach consensus on the framework of the protocol; the second day will focus on identifying and addressing quantification and implementation issues as well as identifying science gaps for future research.

- Day Two:

- Identify and Address Quantification issues
- Identify and Address Implementation Issues
- Identify Science Gaps and Future Research Needs

Workshop Process

- Consultation Workshop was introduced by the NOQT
- No quantification approach for wetlands conservation and restoration is included in Canada's National Inventory Report
- It is important to note that the wetlands protocol is designed to achieve 'accuracy in aggregate'
- Workshop discussion points receiving a minimum of 80% agreement among participants will form the foundation of further development of the wetlands protocol

Outline – Day 1

- 8:30 **WELCOME AND INTRODUCTIONS** – Overview of the 2 days and General Approach
Tanya Maynes, Climate Change Central
- 8:45 **SETTING THE SCENE** – (i) Carbon Offsets and the Policy Drivers
Tanya Maynes, Climate Change Central
SETTING THE SCENE – (ii) Overview of Wetlands Conservation and Restoration Protocol - *Rob Janzen, Climate-CHECK*
- 9:30 **REFRESHMENT BREAK**
- 10:00 **GREENHOUSE GAS SOURCES AND SINKS IN CANADA: SCIENCE BASED KNOWLEDGE NEEDS** - *Rick Bourbonniere, Environment Canada*
- 10:45 **GIS WETLANDS INVENTORY ON THE PRAIRIES** – Determining the Baseline
Lyle Boychuk - DU Canada
SUMMARY OF GHG EMISSIONS AND CARBON SEQUESTRATION POTENTIAL IN WETLANDS OF THE CANADIAN PRAIRIE POTHOLE REGION
Pascal Badiou – DU Canada
- 11:45 Lunch
- 1:30 **PROCEDURES & CONTROLS TO DELINEATE, CONSERVE, RESTORE AND MONITOR WETLANDS**
Lyle Boychuck - DU Canada
- 2:30 **DETERMINING THE FRAMEWORK**
Facilitated Discussion- Plenary
- 4:00 **SUMMARY AND CLOSE OF DAY ONE**
Tanya Maynes, Climate Change Central

Outline – Day 2

8:00 **CONTINENTAL BREAKFAST**

8:30 **WELCOME** – Recap from Day one and Review agenda for Day Two
Tanya Maynes, Climate Change Central

9:00 **DISCUSSION OF CRITERIA TO QUANTIFICATION METHODOLOGY**
Facilitated Discussion - Plenary

12:00 Lunch

1:00 **IMPLEMENTATION DISCUSSION**
Facilitated Discussion - Plenary

2:45 **COMPILATION AND PRIORITIZATION OF RESEARCH GAPS/EVALUATION OF WORKSHOP**
Tanya Maynes, Climate Change Central & Rob Janzen, Climate-CHECK

3:00 **USE OF WORKSHOP RESULTS AND NEXT STEPS**
Tanya Maynes, Climate Change Central