



Agriculture and
Agri-Food Canada

Agriculture et
Agroalimentaire Canada



North American Waterfowl
Management Plan
Plan nord-américain de
gestion de la sauvagine
Plan de Manejo de Aves
Acuáticas de Norteamérica

Ecological Goods & Services Technical Meeting

Lord Elgin Hotel, Ottawa, Canada

April 29-30, 2009

Agriculture and Agri-Food Canada (AAFC)

Prairie Habitat Joint Venture & Eastern Habitat Joint Venture (PHJV & EHJV)

North American Waterfowl Management Plan (NAWMP)

Presentation Agenda & Posters

Day 1 – Wednesday, April 29

| Time | Activity |
|--------------|---|
| 7:30 am | Invitee Registration & refreshments |
| Pearson Room | Day 1 Chair – Dean Smith, Co-Chair Organizing Committee and Chair, PHJV Policy Committee, Advisor, Federally Managed Assets, AAFC, Regina, SK |
| 8:00 | Introductions Eleanor Zurbrigg, Board Member of EHJV and Manager, Environment Canada, Canadian Wildlife Service, Ottawa ON Bob Carles, Board Member of PHJV and Vice-President, Stewardship Division, Saskatchewan Watershed Authority, Moose Jaw, SK |
| | Theme: Background |
| 8:15 | EGS Pilot Projects Presenter: Mr Jamshed Merchant, Assistant Deputy Minister, Agri-Environment Services Branch, AAFC, Ottawa, ON |
| | Theme: Valuation of EGS |
| 8:30 | Integration of Watershed Planning and the Agricultural Policy Framework for the Provision of Ecological Goods and Services: A Pilot Watershed Approach For Wetland Restoration & Retention + Estimates of Passive Use Values of Wetland Restoration and Retention in Southern Manitoba Institute for Wetland and Waterfowl Research, Ducks Unlimited Canada Presenters: Shane Gabor, Research Scientist, Stonewall, MB Dr. Peter Boxall, Professor, Environmental and Rural Economics, Department of Rural Economy, University of Alberta, Edmonton, AB |

| | |
|----------|---|
| | Theme: Direct Payment Approach |
| 9:15 | <i>Alternative Land Use Services (ALUS): An Ecological Goods & Services Research Project</i> Keystone Agricultural Producers (KAP) Presenter: Ian Wishart, President, Winnipeg, MB |
| 10:00 | Break |
| 10:30 | <i>Prince Edward Island Ecological Goods & Services Pilot Project</i> The Souris and Area Branch of the Prince Edward Island Wildlife Federation Presenter: Fred Cheverie, Project Manager, Souris, PEI |
| 11:15 | Rapporteur Summary for Day #1 Morning – Paul Smith, Member of Federal-Provincial EG&S Working Group and Environmental Policy Analyst, Ontario Ministry of Agriculture, Food and Rural Affairs, Guelph ON |
| 11:30 am | Poster Display Set up at Laurier Room & Pearson Room Foyer / Depart for Ontario Room |
| 11:45 | Buffet Lunch @ Ontario Room |
| 1:00 pm | Attended Poster Displays – Laurier Room & Pearson Room Foyer |
| | Theme: New Beneficial Management Practices |
| 1:30 pm | <i>Ecological Goods & Services (EG&S) and Agroforestry: The benefits for farmers and the interests for society</i> ÉcoRessources Consultants Presenter: Jean Nolet, President, Quebec City, QC |
| 2:15 | <i>Farmer Contribution to the Production of Environmental Goods and Services in Targeted Sub-basins of Missisquoi Bay</i> Coopérative de Solidarité du bassin versant de la Rivière-aux-Brochets (Pike River Drainage Basin Community Cooperative) Presenter: Richard Lauzier, Agronomist, Bedford Service Centre, MAPAQ, Bedford, QC |
| 3:00 | Break |

| | |
|-------------|---|
| 3:30 | <p><i>Identification and Assessment of the Provision of Environment Goods and Services by the Primary Agriculture Sector and Determining Societal Expectations of the Farm Community</i></p> <p>The Nova Scotia Federation of Agriculture Presenter: Dr. Bruce Roberts, P.Ag., Kelco Consulting Ltd., Kentville, NS</p> |
| 4:15 | <p>Rapporteur Summary of Day #1 Afternoon Session – Patricia Edwards, Coordinator, EHJV, Environment Canada, Sackville, NB</p> |
| 4:30 | <p>Wrap up of Day 1</p> |
| 4:30 – 5:30 | <p>Poster Session: Cash Bar and Attended Posters @ Laurier Room/Pearson Room Foyer</p> |

Day 2 – Thursday, April 30, 2009

| Time | Activity |
|----------------------|---|
| Pearson Meeting Room | <p>Day 2 Chair – Ian Campbell, Co-Chair Organizing Committee and Senior Manager, AAFC, Ottawa, ON</p> |
| | <p>Theme: Enhancement of Environmental Farm Plans</p> |
| 8:00 | <p><i>Lower Souris Watershed Ecological Goods and Services Pilot Proposal</i></p> <p>The Lower Souris Watershed Committee Presenter: Sheldon Kyle, Watershed Coordinator, Redvers, SK</p> |
| 8:45 | <p><i>Investigation of the Use of the Environmental Farm Plan (EFP) as an EG&S Management and Policy Development Tool</i></p> <p>The Eastern Canada Soil and Water Conservation Centre Presenter: Jérôme Damboise, Project Coordinator, Saint-André (Grand Falls), NB</p> |
| | <p>Theme: Evaluation of Costs & Benefits</p> |
| 9:30 | <p><i>Cost Efficiency Analysis of Possible Environmental Goods & Services (EG&S) Policy Options</i></p> <p>ÉcoRessources Consultants Ltd Presenter: Claude Sauvé, Senior Associate, ÉcoRessources Consultants Ltd., Québec City, QC</p> |
| 10:15 | <p>Break</p> |

| | |
|---------|---|
| | Theme: New Initiatives |
| 10:30 | <p><i>Price Discovery Mechanisms for Providing Ecological Goods & Services from Wetland Restoration: An Examination of Reverse Auctions</i></p> <p>Presenter: Dr. Peter Boxall, Professor, Environmental and Rural Economics, Department of Rural Economy, University of Alberta, Edmonton, AB</p> |
| 11:15 | <p>Rapporteur Summary for Day #2 Morning Session – Brook Harker, Manager, Watershed Evaluation of Beneficial Management Practices (WEBS), AAFC, Regina, SK</p> |
| 11:30 | Depart to Ontario Room |
| 11:45 | <p>Buffet Lunch</p> <p>12:20 pm Speaker Introduction – Bob MacFarlane, Policy Coordinator, PHJV, Regina, SK</p> <p>Dr. Ken Nicol, Chair, The Institute for Agriculture, Forestry and the Environment, Coalhurst, AB will speak on The Institute for Agriculture, Forestry and the Environment</p> |
| 1:00 | Depart and regroup at Pearson Meeting Room |
| | Theme: Next Steps |
| 1:15 pm | <p>Poster Rapporteur Summary – Cynthia Edwards, National Manager, Industry and Government Relations, Ducks Unlimited Canada, Regina, SK and Maxine Kingston, Technical Director, Ontario Region, AAFC, Guelph, ON</p> |
| 1:30 | <p>Group Facilitation Session led by Warren Wilson, The Intersol Group, Ottawa ON</p> <p>“Building a Blueprint for the Future of EGS in Canada”</p> |
| | Informal Break On-Going |
| 3:45 | <p><i>Learning from the Pilot Projects and Future Direction for EGS</i></p> <p>Presenters: Leloni Scott, Co-Chair, Federal-Provincial EG&S Working Group, Director, Agri-Environment Branch, Manitoba Agriculture Food and Rural Initiatives, Carmen, MB; Ian Campbell, Co-Chair, Federal-Provincial EG&S Working Group and Senior Manager, AAFC, Ottawa, ON</p> |
| 4:00 | Closing Remarks & Departures |

Listing of Posters

Provision of Ecological Goods and Services as Club Goods: Case Studies from Ontario.

Glenn Fox and Monika Drozd

Department of Food, Agricultural and Resource Economics, University of Guelph, Guelph, ON, N1G 2W1
gfox@uoguelph.ca and mdrozd@uoguelph.ca

Transfer of Development Credits – A Tool for Market Based Stewardship of Natural Capital for Sustainable Development in Rural Alberta.

Kimberly Good¹, Brenda Wispinski² and Guy Greenaway¹

¹Miistakis Institute c/o Environmental Design, 2500 University Drive NW, Calgary, AB T2N 1N4
(kim@rockies.ca)

²Strathcona County Corporate Planning and Intergovernmental Affairs, 2001 Sherwood Drive, Sherwood Park, AB T8A 3W7 (wispinsk@strathcona.ab.ca)

Implementation of Policy Tools to Conserve Wetland Functions in Canada: Case Studies from Saskatchewan and New Brunswick.

Michael Hill¹ and Alan R. Hanson²

¹Ducks Unlimited Canada, 603-45 St. West, Saskatoon SK, S7L 5W5 (m_hill@ducks.ca).

²Canadian Wildlife Service - Environment Canada, P.O. Box 6227, Sackville, NB E4L 1G6
(al.hanson@ec.gc.ca)

A Reverse Auction to Restore Wetlands in Saskatchewan.

Glen McMaster¹, Tom Harrison¹, Aron Hershmillier², Michael Hill³, Jeff Olson¹, and Trevor Plews³.

¹Saskatchewan Watershed Authority, 420-2365 Albert Street, Regina SK, S4P 4K1. (Glen.McMaster@swa.ca; Tom.Harrison@swa.ca or Jeff.Olson@swa.ca)

²Assiniboine Watershed Stewardship Association, 37 3rd Ave N, Yorkton, SK S3N 2W3
(a.hershmillier@assiniboinewatershed.com)

³Ducks Unlimited Canada, 603-45 St. West, Saskatoon SK, S7L 5W5 (m_hill@ducks.ca or t_plews@ducks.ca).

Phosphorus Trading in the South Nation River Watershed.

Dennis O'Grady & Rhonda Boutz

South Nation Conservation Authority, 38 Victoria Street, Finch ON K0C 1K0 (dogrady@nation.on.ca or rboutz@nation.on.ca)

NAESI Standards as Desired Environmental Outcomes: Linkages with Ecological Goods and Services and Other Natural Capital and Environmental Valuation Programs.

Elizabeth S. Roberts and Michelle E. Bowerman

Forestry, Agriculture, and Aquaculture Division. Environment Canada, 351 St Joseph Blvd, Gatineau QC K1A 0H3 (elizabeth.roberts@ec.gc.ca or michelle.bowerman@ec.gc.ca)

EG&S: Estimating Program Uptake & Nature of Costs/Benefits in Agro-Manitoba. A Study by George Morris Centre Prepared for Manitoba Agriculture, Food and Rural Initiatives (2008).

Colleen Wilson¹ and Esther Salvano²

¹Manitoba Agriculture, Food and Rural Initiatives, Box 1149, Carman MB, R0G 0J0
(colleen.wilson@gov.mb.ca)

²Manitoba Agriculture, Food and Rural Initiatives, 545 University Crescent, Winnipeg MB R3T 5S6
(Esther.Salvano@gov.mb.ca)

Ontario's Wealth, Canada's Future: Appreciating the Value of the Greenbelt's Eco-Services.

Sara Wilson¹, Kathy MacPherson² and Faisal Moola³

¹Natural Capital Research and Consulting, 542 Reed Road, Gibsons, BC V0N 1V1 (sarajwilson@dccnet.com)

²Friends of the Greenbelt Foundation, Suite 201, 68 Scollard Street, Toronto, Ontario M5R 1G2
(kmacpherson@ourgreenbelt.ca)

³David Suzuki Foundation, #219-2211 West 4th Avenue, Vancouver BC V6K 4S2 (fmoola@davidsuzuki.org)

Tax Incentive Programs to Encourage Responsible Stewardship – Ontario Ministry of Natural Resources.

Robert Spence and Fiona McKay

Ontario Ministry of Natural Resources, P.O. Box 7000, 300 Water Street, Peterborough, ON K9J 8M5
(robert.spence@ontario.ca or fiona.mckay@ontario.ca)

Lessons Learned in Alberta's Carbon Market.

Amanda Stuparyk and Karen Haugen-Kozyra

Climate Change Central, 100-999 8 Street SW, Calgary, AB T2R 1J5 (astuparyk@climatechangecentral.com or karenhk@climatechangecentral.com)

Growing ALUS in Ontario.

Kristen Thompson¹, Bryan Gilvesy², Bob Bailey³, and Dave Reid⁴

¹Alternate Land Use Services, 95 Culver Street, Simcoe, ON N3Y 2V5 (kristen.thompson@norfolkcounty.ca)

²YU Ranch, 460 Plowmans Line, Tillsonburg, ON (bryan@yuranch.com)

³Delta Waterfowl Foundation, 125 Otter Lake Road, RR1, Lombardy, ON, K0G 1L0 (robailey@ripnet.com)

⁴Norfolk Land Stewardship Council, Simcoe, ON, NSY 4N5 (dave.j.reid@ontario.ca)

Water Quantity and Quality Benefits from Wetland Conservation and Restoration in the Broughton Creek Watershed.

Wanhong Yang¹, Xixi Wang², Shane Gabor³, Lyle Boychuk⁴ and Pascal Badiou³

¹Department of Geography, University of Guelph, ON N1G 2W1 (wayang@uoguelph.ca)

²Department of Engineering and Physics, Tarleton State University (Texas A&M), Box T-0390, Stephenville, Texas 76402 (xwang@tarleton.edu)

³Ducks Unlimited Canada, Institute for Wetland and Waterfowl Research, Box 1160 Stonewall MB R0C 2Z0
(s_gabor@ducks.ca or p_badiou@ducks.ca)

⁴Ducks Unlimited Canada, Western Region, P.O. Box 4465, Regina, SK S4P 3W7 (l_boychuk@ducks.ca)