Corvus Centre for Conservation Policy

Applying Research for Conservation Solutions

Developing a Conservation Policy Research Agenda

Results of a Practitioner Survey

Appendix 1: Survey Instrument

Developing a Conservation Policy Research Agenda:

Results of a Practitioner Survey

APPENDIX 1 – SURVEY INSTRUMENT

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Corvus Centre for **Conservation Policy**

Applying Research for Conservation Solutions



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Centre for **Conservation Policy**

Applied Research for Conservation Solutions

Research Agenda Survey

The Centre for Conservation Policy will be a research-driven, evidence-based organization, and **this survey will help define its Research Agenda**. The Centre will discharge its mandate through numerous partnerships, so this **survey information will also guide collaboration**.

You will be asked to **rate various research suggestions** under the Centre's four Conservation Themes. Doing so may bring to mind **potential variations or new ideas**, and there is space to capture those, too.

The Centre will be working on all aspects of conservation policy (research, design, implementation, evaluation), so this **survey's questions are loosely organized** into Research Questions, Research Application, Guides and Training, Facilitation and Engagement, and Evaluation & Recommendations. Separations are sometimes arbitrary, so **add feedback where you like**.

All responses are anonymous.

This survey will be **summarized in a written report**; if you are interested in receiving a copy, please email Guy Greenaway If you would like more information about the Centre for Conservation Policy, please visit this page.

Thank you so much for helping out!

Land Use and Biodiversity

The following questions relate to the Centre for Conservation Policy's "Land Use and Biodiversity" conservation theme



Would you like to rate several	oossible re	esearch pro	jects und	er this then	ne?		
Yes							
O No							
Land Use and Biodiv	ersity						
Research Questions							
	No opinion	There is no need for this	The need for this is low	Others might need this	Others would definitely need this	I might need this	I would definitely need this
Communal Legal Defence for Land Trusts – An Exploration of Cases and Options	\circ	0	\circ	0	\bigcirc	0	\circ
Conservation Easements and Sub-surface Rights – An Analysis of Issues and Opportunities	\bigcirc	\circ	\bigcirc	\circ	\bigcirc	\circ	\bigcirc
Cows and Panels – The Potential for 'Solar Grazing' in Alberta	\bigcirc	\bigcirc	\bigcirc	\circ	\bigcirc	\bigcirc	\bigcirc
Data Accessibility – A Comparison of Conservation Data Availability in Alberta, British Columbia, and Montana	0	0	0	0	0	0	0
Measuring Biodiversity for Program Applications – A Review of Cases and Practices	\circ	0	\circ	0	\circ	0	\circ
Measuring Producer Tolerance for Wildlife – A Review of Methodologies	\bigcirc	\circ	\bigcirc	\circ	\bigcirc	\circ	\bigcirc
Municipal Approaches to Identifying Environmentally Significant Areas – A Comparison	\bigcirc	0	\bigcirc	0	\bigcirc	0	\bigcirc
Placing Mineral Rights into a Trust for Conservation – Barriers and Opportunities	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc

Do you have additional sugges	tions?						
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Research Applications							
<u>resourcit rippireadons</u>	No opinion	There is no need for this	The need for this is low	Others might need this	Others would definitely need this	I might need this	I would definitely need this
Conservation and Area Structure Plans / Land Use Bylaws / Municipal Development Plans – Cases, Opportunities, and Recommendations	0	0	0	0	0	0	0
Considering Local Environmentally Significant Areas at the Regional Scale - Why and How	0	0	0	0	\circ	\circ	\circ
Monitoring Biodiversity at the Program Level – Balancing Ecology and Politics	\circ	0	\circ	\circ	\bigcirc	\circ	\circ
Nature-based Solutions (NBS) Data for Private Land Conservation – Making the Connection Between Information and Ecological Outcomes	0	0	0	0	\circ	\circ	\circ
Using Land Cover Data to Inform Local and Regional Conservation Planning – Cases, Methods and Strategies	0	0	\circ	0	0	0	0
Do you have additional sugges	tions?						



Guides and Training

	No opinion	There is no need for this	The need for this is low	Others might need this	Others would definitely need this	I might need this	I would definitely need this
'Fostering Well-being of the Environment' – A Guide for Converting the New Purpose of Municipalities into Local Government Policy	\bigcirc	\circ	\bigcirc	0	\circ	\circ	\bigcirc
Amending Conservation Easements – A Guide for Private Land Conservation Practitioners	\bigcirc	\circ	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc
Best Practices for Evaluating a Program's Conservation Impact	\bigcirc	\circ	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc
Conservation Easements and Municipalities - Training for Planners and Ag Fieldmen	\bigcirc	\circ	\circ	\bigcirc	\bigcirc	\bigcirc	\bigcirc
Creating a Municipal Planning Overlay for Wildlife Movement – A Science-based Guide for Planners	0	0	0	0	\circ	0	\circ
Municipal School for Conservation Leaders – What You Need to Know About Municipalities in Order to Work Effectively with Municipalities	0	0	0	\circ	0	0	0
Municipalities and Conservation – A One-day Symposium Showcasing Tools and Approaches	\circ	0	\circ	0	0	0	\circ
When is a Change in Land Use Ecologically Damaging? — A Guide for Policy Makers	\circ	\circ	\circ	0	\circ	\circ	\bigcirc
Do you have additional sugges	tions?						

Facilitation and Engagement

	No opinion	There is no need for this	The need for this is low	Others might need this	Others would definitely need this	I might	I would definitely need this			
A Private Land Conservation Policy Repository – A Clearing House of Relevant Policy	Opinion	C	is low	C		need this	need this			
Conservation and Stewardship Strategy for ALSA – An NGO- driven Vision	\circ	\circ	\bigcirc	\circ	\bigcirc	\bigcirc	\bigcirc			
Framework for Developing a Municipal Conservation Plan – A Proposed Approach	\circ	0	\bigcirc	0	\bigcirc	\circ	\bigcirc			
Setting Provincial Targets for Private Land Conservation – A Proposed Approach	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc			
Do you have additional suggestions?										

	No opinion	There is no need for this	The need for this is low	Others might need this	Others would definitely need this	I might need this	I would definitely need this
Abuse of Conservation Easements – Current Status, Best Practices, and Recommendations	\bigcirc	0	\bigcirc	0	\circ	\circ	\bigcirc
Conservation Easements as Biodiversity Banks – Pluses and Pitfalls	\bigcirc	\circ	\bigcirc	\circ	\bigcirc	\bigcirc	\bigcirc
Conservation of Public Lands – Threats and Opportunities	\bigcirc	\circ	\bigcirc	\circ	\bigcirc	\bigcirc	\bigcirc
Layering Conservation Easements – Additionality or Double Dipping?	\bigcirc	\circ	\bigcirc	\circ	\bigcirc	\circ	\circ
Red Tape Removal for Conservation in Alberta – Recommendations for Improving the Efficiency of Conservation Programs	0	0	0	0	0	0	0
Towards a Conservation Data Strategy for Alberta – Challenges, Opportunities, and Recommendations	\circ	\circ	\circ	\circ	\circ	\circ	\circ
Tracking Biodiversity Offsets in Alberta – Issues and Recommendations	\bigcirc	0	\bigcirc	0	\bigcirc	0	\circ
Do you have additional sugges	tions?						
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Natural Infrastructure

The following questions relate to the Centre for Conservation Policy's "Natural Infrastructure" conservation theme

Wou	Would you like to rate several possible research projects under this theme?								
\bigcirc	Yes								
\bigcirc	No								

Natural Infrastructure

Research Questions

	No opinion	There is no need for this	The need for this is low	Others might need this	Others would definitely need this	I might need this	I would definitely need this
Best Management Practices for Protecting Source Water's Natural Infrastructure – A Review of Cases and Strategies	\circ	0	\circ	0	\circ	0	\bigcirc
Engaging Private Landowners in Protecting Natural Infrastructure – Cases and Strategies	\bigcirc	\circ	\bigcirc	\circ	\bigcirc	\circ	\bigcirc
Incorporating Natural Infrastructure at the Municipal Level - A Review of Accounting and Asset Management Approaches	\circ	0	0	0	0		\circ
Land Securement in Support of Natural Infrastructure – Cases and Strategies	\bigcirc	\circ	\bigcirc	\circ	\bigcirc	\circ	\bigcirc
Modelling Natural Infrastructure – A Review of Current Approaches	\bigcirc	\bigcirc	\bigcirc	\circ	\bigcirc	\bigcirc	\bigcirc
Motivating Action for Natural Infrastructure Maintenance and Protection – A Review of Best Practices	0	0	\circ	\circ	\circ	\circ	0
Natural Infrastructure Accounting and Asset Management Approaches – A Review of Local Government Approaches	\circ	0	\circ	0	\circ	0	0
Regenerative Agriculture – A Review of Applications in Alberta	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc
Wetlands and Floodplains as Blue Natural Infrastructure – Methods for Identification and Calculation	\bigcirc	0	\circ	0	\bigcirc	0	\bigcirc

Do you have additional suggestions?									
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Research Applications									
					Others would				
	No opinion	There is no need for this	The need for this is low	Others might need this	definitely need this	I might need this	I would definitely need this		
Funding the Maintenance and Protection of Natural Infrastructure – Cases and Strategies	0	0	0	0	0	0	0		
Integrating Natural Infrastructure into Watershed Management – An Overview of Issues and Opportunities	\circ	0	0	0	\circ	\circ	\circ		
Land Trusts and Source Water Protection – Private Land Conservation Options for Maintaining Natural Infrastructure	\circ	0	0	0	\circ	0	0		
Local Government Strategies for Maintaining Healthy Riparian Areas – A Review of Approaches	\circ	\circ	\circ	\circ	\bigcirc	\circ	\circ		
Regional Natural Infrastructure - Strategies for Identification and Maintenance	0	0	\bigcirc	0	\bigcirc	0	\circ		
Who is Alberta's USCAE? – Options for Certifying Wetland Replacement and Restoration in Alberta	0		\bigcirc	\bigcirc	0	\bigcirc			
Do you have additional suggest	tions?								



Guides and Training

	No opinion	There is no need for this	The need for this is low	Others might need this	Others would definitely need this	I might need this	I would definitely need this
A Guide to Explaining Natural Infrastructure to Citizens, Ratepayers, or Constituents /	\bigcirc	\circ	\bigcirc	0	\bigcirc	\circ	\bigcirc
A Guide to Explaining the Natural Infrastructure Approach to Municipal Councillors	\bigcirc	\circ	\bigcirc	\circ	\bigcirc	\bigcirc	\bigcirc
A Guide to Identifying Natural Infrastructure in the Calgary/Edmonton Metro Region	\bigcirc	0	\circ	0	\circ	\circ	\bigcirc
How to 'Value' Natural Infrastructure – A Primer on Economics, Ecosystems, Values, and Valuation	\circ	\circ	\circ	\circ	\circ	\circ	0
Integrating Groundwater into Source Water Protection – A Policy-makers Guide to Identifying and Demarcating Recharge Areas	0	0	0	0	0	0	0
Inventorying Municipal Natural Infrastructure in Alberta – A Guide for Municipal Decision Makers	\bigcirc	\circ	\circ	\circ	\circ	\circ	0
Natural Infrastructure and Cost Savings – Workshop for Decision Makers	\bigcirc	0	\circ	0	\circ	\circ	\bigcirc
Natural Infrastructure in Municipalities – Workshop for Planners / Workshop for Political Leaders	\circ	\circ	\circ	0	\circ	0	0
Threats to Natural Infrastructure – A Guide to Assessing Risk	\bigcirc	\circ	\bigcirc	\circ	\bigcirc	\circ	\bigcirc
Undertaking Wetland Restoration and Replacement – A Guide for Municipal Decision Makers	\bigcirc	\bigcirc	\bigcirc	0	\bigcirc	\circ	\bigcirc

	No opinion	There is no need for this	The need for this is low	Others might need this	Others would definitely need this	I might need this	I would definitely need this
Upstream Forest and Riparian Management practices that Support Flood Mitigation — Guidance for Identification and Uptake	0	0	0	0	0	0	\bigcirc
Using Conservation Easements to Protect Natural Infrastructure – A Guide For Municipalities	\circ	\circ	\bigcirc	\circ	\bigcirc	\circ	\bigcirc
Using Local Government Zoning and Bylaws to Maintain Natural Infrastructure – A Guide for Municipal planners	\circ	0	\circ	0	\bigcirc	0	0
Do you have additional sugges	tions?						

Facilitation and Engagement

	No opinion	There is no need for this	The need for this is low	Others might need this	Others would definitely need this	I might need this	I would definitely need this			
Tracking Change in Riparian Condition at a Landscape Scale – Balancing Efficiency With Efficacy	0	0	\circ	0	\bigcirc	\circ	\bigcirc			
Tracking Wetland Replacement Projects in Alberta – A Proposed System	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc			
Using Drained Wetland Inventories to Support Municipal Wetland Restoration Programs	\bigcirc	0	\bigcirc	0	\circ	0	\circ			
Wetland Restoration Program Design and Management	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc			
Who's Who in Natural infrastructure in Alberta – A Source Book of Potential Partners	\circ	0	\circ	\circ	\bigcirc	0	\circ			
Do you have additional suggestions?										
							<i>i.</i>			

	No opinion	There is no need for this	The need for this is low	Others might need this	Others would definitely need this	I might	I would definitely need this
Governance Structures for Maintaining Natural Infrastructure in the Bow Basin / NSask Basin / Red Deer Basin / Battle basin – Cases, Principles, and Recommendations	0		0	0	0	0	
Perverse Incentive Threats to Natural Infrastructure – A Review of Existing and Potential Policy- based Threats	\circ	\circ	\circ	\circ	\circ	\circ	\circ
Policy barriers to Implementing 'Room for the River' Approaches in Alberta – An Assessment	\bigcirc	0	\bigcirc	0	\bigcirc	0	\circ
Wetland Replacement Activity in Alberta – An Assessment of Effectiveness, Recommendations for Improvement					0		
Do you have additional sugges	tions?						

Nature and Climate Change

The following questions relate to the Centre for Conservation Policy's "Nature and Climate Change" conservation theme

Would you like to rate several p	oossible re	esearch pro	jects unde	er this them	ne?		
Yes							
O No							
Nature and Climate	Change	е					
Research Questions							
	No opinion	There is no need for this	The need for this is low	Others might need this	Others would definitely need this	I might need this	I would definitely need this
Comparative Costs of Grassland Restoration vs Grassland Conservation as a Carbon Sequestration Strategy	\circ	0	\circ	0	0	0	\circ
Incorporating Climate Migration Considerations Into Protected Area Designation and Assessment	\bigcirc	\bigcirc	\bigcirc	\circ	\bigcirc	\bigcirc	\bigcirc
Do you have additional sugges	tions?						
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							,,

Research Applications

	No opinion	There is no need for this	The need for this is low	Others might need this	Others would definitely need this	I might need this	I would definitely need this
Establishing Climate Refugia and Evolutionary Pathways in Alberta – Planning and Policy Strategies	\circ	0	0	0	\bigcirc	0	\circ
Nature-based Solutions for Biodiversity and for Climate Change – Maximizing Synergy, Minimizing Discord	\bigcirc	\circ	\bigcirc	\circ	\bigcirc	\circ	\circ
The Potential Role of Alberta's Natural Lands in a Provincial Climate Strategy – Quantifying the Sequestration Opportunity	\circ	0	\circ	0	\circ	0	0
Do you have additional sugges	tions?						//
Guides and Training					Others		
Conservation Easements and	No opinion	There is no need for this	The need for this is low	Others might need this	would definitely need this	I might need this	I would definitely need this
Renewable Energy – A Guide for Private Land Conservation Practitioners	\bigcirc	0	\bigcirc	0	\bigcirc	0	\bigcirc

Do you have additional suggest	ions?						
Facilitation and Engagement							
					Others		
					would		
	No	There is no need for	The need for this	Others might need	definitely need	I might	I would definitely
	opinion	this	is low	this	this	need this	need this
Program-specific Policy Design for							
Implementation of Nature-based Solutions for Climate Change	\bigcirc	\bigcirc	\bigcirc	O	\bigcirc	\bigcirc	\bigcirc
Do you have additional suggest	ions?						
Do you have additional suggest	tions?						

	No opinion	There is no need for this	The need for this is low	Others might need this	Others would definitely need this	I might need this	I would definitely need this
Carbon Sequestration in Places Where Trees are Weeds – The Existing and Potential Role of Alberta's Grasslands In Carbon Sequestration	\circ	\circ	\circ	\circ	0		\bigcirc
Conservation Easements and Carbon Credits – The Pluses and Pitfalls	\bigcirc	\circ	\bigcirc	\circ	\bigcirc	\circ	\bigcirc
Drought Resilience Policies – Assessing Effectiveness	\bigcirc	\circ	\bigcirc	\circ	\bigcirc	\bigcirc	\bigcirc
Planting for Carbon Sequestration in Alberta – What Works Best	0	0	0	0	0	\circ	0
Do you have additional sugges	tions?						
							//
Finance and Biodive The following questions and Biodiversity" conser	relate t		ntre for	Conserva	ation Po	licy's "Fil	nance
Would you like to rate several p	oossible re	esearch pro	jects unde	er this them	ne?		
Yes							
O No							

Finance and Biodiversity

Research Questions

	No opinion	There is no need for this	The need for this is low	Others might need this	Others would definitely need this	I might need this	I would definitely need this
Avoided Cost Methodologies for Economic Assessments of Natural Infrastructure – A Review	\circ	0	\circ	0	\circ	0	\bigcirc
Costs of Wetland Restoration – A Comparative Catalogue of Jurisdictions and Programs	\bigcirc	\bigcirc	\bigcirc	\circ	\bigcirc	\circ	\bigcirc
Insuring Natural Infrastructure Assets – Options, Cases and Recommendations	\bigcirc	0	\circ	0	\circ	0	\circ
Policy Barriers to Applying Conservation Offsets in Alberta – A Review	\bigcirc	\bigcirc	\bigcirc	\circ	\bigcirc	\bigcirc	\bigcirc
Quantifying the Restoration Economy in Alberta – A Financial Picture	\bigcirc	0	\bigcirc	0	\circ	0	\circ
Total Economic Valuation for Natural Assets – A Review of Methodologies	\bigcirc	\bigcirc	\bigcirc	\circ	\bigcirc	\bigcirc	\bigcirc
Do you have additional sugges	tions?						

Research Applications

	No opinion	There is no need for this	The need for this is low	Others might need this	Others would definitely need this	I might need this	I would definitely need this
Application of Conservation Banking in Alberta – Legal, Ecological, and Practical Considerations	0	0	0	0	\circ	0	\circ
Expanding the Land Trust Business Model – Using Conservation Expertise to Enhance the Sustainability of Landscapes and Land Trusts	\circ	\circ	\circ	\circ	0	\circ	\bigcirc
Wheat from the Chaff - Identifying Viable PES Program Opportunities in Alberta	\circ	0	\bigcirc	0	\bigcirc	0	\circ
Do you have additional sugges	tions?						
							,

Guides and Training

	No opinion	There is no need for this	The need for this is low	Others might need this	Others would definitely need this	I might need this	I would definitely need this
A Beginner's Guide to the Task Force on Biodiversity-related Financial Disclosures	\bigcirc	0	\circ	0	\bigcirc	\circ	\bigcirc
Financial Models for Transfer of Development Credits – 5 Scenarios for Making TDC Programs Viable for Developers	\circ	\circ	\circ	\circ	\circ	\circ	\circ
Hidden Values - 10 Creative Ways to Use A Conservation Easement Tax Receipt	\circ	0	\circ	0	\bigcirc	0	\bigcirc
Valuing Ecosystem Services – A Guide for Policy Makers	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc
Do you have additional sugges	tions?						

Facilitation and Engagement

					Others would		
	No opinion	There is no need for this	The need for this is low	Others might need this	definitely need this	I might need this	I would definitely need this
Measuring Biodiversity for Portfolio Managers – Helping the Science Community Define Appropriate Measures	\circ	0	\circ	0	0	0	\circ
Place-based Ecological-Economic Assessments of Natural Infrastructure / Ecosystem Services	\circ	\circ	\circ	\circ	\circ	\circ	\circ
Policy Design for Implementation of Market-based Instruments (MBIs) for Conservation	\circ	0	\circ	0	\bigcirc	\circ	\bigcirc
Strategic Business Planning for Private Land Conservation Groups	\circ	0	\bigcirc	0	\circ	\circ	0
Do you have additional sugges	tions?						

	No opinion	There is no need for this	The need for this is low	Others might need this	Others would definitely need this	I might	I would definitely need this
Arising Opportunities from the Task Force On Biodiversity-related Financial Disclosures – Is the Conservation Community Ready?	\circ	0	\circ	\circ	0	0	\circ
Building the Restoration Economy – Recommendations for Growth	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc
Establishing Local Conservation Funds in Alberta – Barriers, Opportunities, and Recommendations	\circ	0	0	0	0	0	\circ
Measuring Biodiversity for Financial Disclosures – Challenges and Paths Forward	\bigcirc	\circ	\bigcirc	\circ	\bigcirc	\bigcirc	\bigcirc
Private Land Conservation and Carbon Markets – Promises, Pitfalls and Recommendations	\circ	0	\bigcirc	0	\bigcirc	\circ	\bigcirc
Using Nature-Related Financial Disclosures to Attract Investment to Alberta – Options and Opportunities	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc
Do you have additional sugges	tions?						
							,