



Trust Programs Committee Agenda

Date: Monday, August 22, 2016
Time: 10:30 am - 2:00 pm
Location: Islands Trust Victoria Boardroom
200-1627 Fort Street, Victoria, BC

	Pages
1. CALL TO ORDER	
2. APPROVAL OF AGENDA	
2.1 Introduction of New Items	
2.2 Approval of Agenda	
3. ADOPTION OF MINUTES/COORDINATION	
3.1 May 16, 2016 TPC minutes	2 - 4
3.2 Follow Up Action List	5 - 6
4. TRUST COUNCIL BUSINESS	
4.1 Crown Land Protocol Project Charter update	
4.2 Briefing – State of the Islands project	7 - 25
4.3 Community Stewardship Award program review	26 - 29
5. NEW BUSINESS	
6. WORK PROGRAM	
6.1 Trust Programs Committee Work Program - for approval	30 - 30
7. NEXT MEETING - November 14, 2016, Victoria	
7.1 2017 Proposed Dates - for approval	
• February 20, 2017	
• May 29, 2017	
• August 21, 2017	
• November 6, 2017	
8. ADJOURNMENT	

*Approximate time is provided for the convenience of the public only and is subject to change without notice.



Trust Programs Committee Minutes of Regular Meeting

Date of Meeting: Monday, May 16, 2016

Location: Nanaimo Regional District
6300 Hammond Bay Road, Nanaimo BC

Members Present: Derek Masselink, North Pender Island Local Trustee (Chair)
Brian Crumblehulme, Mayne Island Local Trustee (Vice Chair)
Peter Luckham, Islands Trust Chair (ex officio)
Tony Law, Hornby Island Local Trustee (by phone)
Sue Ellen Fast, Bowen Island Municipal Trustee
Heather O'Sullivan, Gabriola Island Local Trustee
Dan Rogers, Gambier Island Local Trustee (by phone)
George Grams, Salt Spring Island Local Trustee

Members Absent: David Critchley, Denman Island Local Trustee

Staff Present: Lisa Gordon, Director, Trust Area Services
Clare Frater, Policy Advisor
Pamela Hafey, Communications Specialist

Media and Others Present: Peter Grove, Salt Spring Island Local Trustee

1. CALL TO ORDER

Chair Masselink called the meeting to order at 10:35 a.m.

2. APPROVAL OF AGENDA

2.1 Introduction of New Items

None.

2.2 Approval of Agenda

By General Consent, the agenda was approved as presented.

3. ADOPTION OF MINUTES

3.1 Minutes of Meeting

3.1.1 February 29, 2016 TPC minutes

TPC-2016-011

It was MOVED and SECONDED,

That the minutes of February 29, 2016 be adopted as amended.

CARRIED

3.2 Follow Up Action List

The Follow-Up Action List was provided for information and review.

Dan Rogers and Sue Ellen Fast joined the meeting at 10:50 a.m.

4. TRUST COUNCIL BUSINESS

4.1 Briefing – State of the Islands – Proposed Indicators

Staff provided an overview of the project in the context of the Strategic Plan and budget for 2016-2017. Staff reported on research to date and reasons for selecting priority indicators.

The Trust Programs Committee provided feedback to staff on the provided priority indicators, methods, audience and format of reporting.

Trust Programs Committee members expressed preference for the following indicators:

1. % of land in Protected Area
2. % km of protected shoreline
3. % of streams, wetlands protected by environmental development permit area
4. % of mapped forage fish/eelgrass habitat protected by environmental development permit area
5. Km of shellfish harvesting closures
6. GHG emissions 2007 - 2012 (road transportation, buildings and solid waste)
7. Ferry trends – traffic and fares
8. Fresh water quality and/or quantity measures
9. Demographics: population growth rate; median age of population; age/gender distribution
10. Housing affordability measure,
11. % Change in Subdivision (BC Assessment Folio Numbers)
12. Number and value of building permits
13. # of agreements with other agencies
14. Community events measure
15. Farming measure
16. Heritage measure
17. First Nations measure

The Committee discussed whether the following indicators have value:

1. # of species at risk
2. Public engagement measure
3. Income measures: median Census family income; classes of employment; distribution and/or composition of family income
4. Total Gross Farm Receipts, Islands Trust Area

4.2 RFD – Draft 2015-2016 Annual Report

TPC-2016-012

It was MOVED and SECONDED,

That the Trust Programs Committee approves the attached text for inclusion in the 2015-2016 Annual Report for approval by Trust Council and submission to the Minister of Community, Sport and Cultural Development.

CARRIED

5. NEW BUSINESS

No new business.

6. WORK PROGRAM

6.1 Trust Programs Committee Work Program Report

TPC-2016-013

It was MOVED and SECONDED,

That the Trust Programs Committee forward its work program to the Islands Trust Council with the top three items as amended:

1. Review the Islands Trust Policy Statement
2. Amend Crown Land Cooperation Agreements
3. Protect Quality and Quantity of Water Resources

CARRIED

7. NEXT MEETING

The Committee did not discuss future meetings. The previously agreed dates are:

- August 22, 2016, 10:45 a.m., Electronic Meeting
- November 14, 2016, 10:45 a.m., Victoria - in person

8. ADJOURNMENT

The Trust Programs Committee meeting was adjourned at 2:00 p.m.

Derek Masselink, Chair

CERTIFIED CORRECT:

Clare Frater, Recorder

Follow Up Action Report

Trust Programs Committee

16-Nov-2015

Activity	Responsibility	Target Date	Status
TPC-2015-038 - Request EC to consider including the following topics during a continuous learning opportunity on advocacy for Trust Council with funding up to \$5000 to support a consultant: prioritization and evaluation of advocacy, roles and responsibilities, relationship building, partnerships, and methods.	Lisa Gordon Derek Masselink	30-Sep-2016	On Going
Add the briefing re CSA evaluation to the August 2016 agenda for reconsideration.	Lisa Gordon Clare Frater	22-Aug-2016	Done

29-Feb-2016

Activity	Responsibility	Target Date	Status
TPC-2016-004 - Implement Crown Land Protocol project charter V2, circulate past RFD to TPC members, keep charter on future agendas until project is complete and consider inventory of current referrals, if it helps demonstrate the need for updating the letter of understanding.	Lisa Gordon	14-Nov-2016	On Going
TPC-2016-005 - Implement the Water Conservation Advocacy and Education project charter, version 2.	Clare Frater Lisa Gordon	16-May-2016	On Going
TPC-2016-006 - Implement the State of the Islands Project, and return the project charter to TPC until project is complete.	Clare Frater Lisa Gordon	31-Aug-2016	On Going

16-May-2016

Activity	Responsibility	Target Date	Status
Feb 29 minutes adopted as amended. Have them signed, posted and filed.	Jas Chonk		Done

Follow Up Action Report

Forward 2015-2016 Annual Report to June Trust Council.	Lisa Gordon	Done
Forward TPC Work Program Report as amended to June Trust Council.	Lisa Gordon	Done

BRIEFING

To: Trust Programs Committee **For the Meeting of:** August 22, 2016

From: Lisa Gordon, Director, Trust Area Services and
Clare Frater, Policy Advisor **Date prepared:** August 17, 2016

SUBJECT: STATE OF THE ISLANDS PROJECT UPDATE

DESCRIPTION OF ISSUE: This briefing provides an update of the State of the Islands project and highlights the areas needing further work or advice. Attached is a preliminary report on a selection of indicators. Staff is now seeking advice from Trust Program Committee members on the draft charts, reports, poll results and next steps for the project. Based on the Trust Programs Committee's response to these drafts, staff will continue work on products that will support Trust Council's September visioning session. In the longer term, staff will continue developing additional products to support public engagement initiatives and Trust Council may use the indicator information to progress towards a vision.

BACKGROUND:

In February 2016, the Trust Programs Committee approved a project charter for the State of the Islands project (attached) with the following purpose: *to provide a snapshot of Islands Trust Area indicators (ecological and socio-economic) to assist Trust Council to clarify its vision for sustainability in the Islands Trust Area and measure its progress in achieving that vision.*

At the May 16, 2016 Trust Programs Committee meeting, committee members stated their preferences for certain indicators to be included in the State of the Islands project and provided feedback to staff on the methods, audience and format of the project reporting. After the May meeting, staff reviewed available data for the preferred indicators and developed charts and narratives for the most achievable indicators. Staff stopped developing some indicators if data was unavailable, too expensive or required more staff time than was available. Some indicators took much longer than expected. For example, the land title indicator took several weeks longer than expected due to the poor quality data set from BC Assessment. For indicators that did not have available data, staff contracted a statistically valid public opinion poll in August.

In May 2016, staff proposed a project timeline. An amended version with status updates is below:

PROJECT TIMELINE:

Month	Activity	Status
April	Research data sources and comparable indicator projects (e.g. Vital Signs, Fraser Basin Council)	Done
May	- Select preliminary indicators and initial research - Hire co-op student	Done Done

	• TPC meeting	Done
June	• Research indicators • Record data on excel spreadsheets • Refine selected indicators/add new indicators based on data availability/new information • Consider buying GIS data • Continue to research indicators	Done Done Done Done Done
July	• Build charts from feasible indicators • Document methodologies and prepare templates for 2016 Census information (arriving in 2017)	In progress Done
Early August	• Conduct citizen survey • Produce GIS-generated maps for docks, eelgrass, protected areas etc. • Draft compilation report of some Trust-wide indicators for TPC • Write communications plan for public outreach	Done Complete Complete Complete
Late August	• Draft project charter for visioning/Topic selection process • Develop infographics and charts of indicator data, in formats that can be easily inserted into reports and presentations (e.g. jpg). • Write report to Trust Council on project outcomes with recommendations for next steps in the visioning/targeted update of the Policy Statement. • Develop presentation for Trust Council	Not started In progress Aug 31 EC Aug 31 EC
September	• Write report to the Islands Trust Council • Hire graphic designer for graphics and webpages • Create Islands Trust webpages with information/stories about the selected indicators including links to additional information sources • Develop display materials for public meetings • Create background for EC's UBCM breakfast meeting	Not started Not started Not started Not started Not started

BUDGET:

In March 2016, the Islands Trust Council approved \$35,000 to support the project.

Item	Cost	Status
Co-op Student	\$11,000	Spent
Planning staff	\$1,000	Spent
Graphic design	\$2,000	Projected
Survey question design	\$550	Spent
Public opinion polling	\$10,000	Spent
Total:	\$24,550	
Projected surplus		

The surplus from this project may be used for Phase 2 of the project: Trust Council visioning session and engagement.

RELATIONSHIP TO STRATEGIC PLAN

Islands Trust Strategic Plan 2014-2018

STRATEGIES	ACTIVITIES AND PHASES (Recommended by TPC on Nov 16, 2015)
9.1 Review the Islands Trust Policy Statement	FY 2015/16 T.9.1.1 Amend policies administering the Islands Trust Policy Statement T.9.1.2 Develop a project outline and budget request regarding a Phase 1 ('State of the Islands' report) of targeted update of the Islands Trust Policy Statement
	FY 2016/17 (\$82,000) T.9.1.3 Implement project charter regarding Phase 1 ('State of the Islands' report) of the targeted update of the Policy Statement T.9.1.4 Develop a project charter for a community engagement process to create a vision statement for the Islands Trust Area and to identify Policy Statement topics for amendment (assumes starting with outreach to First Nations) T.9.1.5 Undertake a community engagement process to create a vision statement for the Islands Trust Area and identify Policy Statement topics for amendment. T.9.1.6 Recommend a vision statement for the Islands Trust Area and Policy Statement topics for amendment. T.9.1.7 Develop a project charter and budget request for a Policy Statement topic update process
	FY 2017/18 T.9.1.8 Undertake a multi-stakeholder engagement process and develop a draft bylaw to update selected Policy Statement topics T.9.1.9 Develop a bylaw for Trust Council third reading to update selected Policy Statement topics
	FY 2018/19 T.9.1.10 Adopt bylaw to update selected Policy Statement topics

ATTACHMENT(S):

- 1) State of the Islands Project Charter, V2
- 2) State of the Islands summary infographic (Trust Area)
- 3) State of the Islands Indicator Project: interim report

AVAILABLE OPTIONS:

Trust Programs Committee to provide feedback to staff on the provided draft indicators and next steps for the project.

FOLLOW-UP: Staff will continue to implement the project, incorporating the advice from TPC members.

Prepared By: Clare Frater, Policy Advisor / Lisa Gordon, Director, Trust Area Services

Reviewed By/Date: Lisa Gordon, Director Trust Area Services, August 17, 2016

Policy Statement – State of the Islands Project Project Charter v 2.0

Purpose: Snapshot of Islands Trust area indicators (ecological and socio-economic) to assist Trust Council to clarify its vision for sustainability in the Islands Trust Area and measure its progress in achieving that vision.

Background: Trust Council's Strategic Plan T.9.1 directs TPC to develop a project charter regarding 'State of the Islands' communications in 2016 in support of planned community engagement to identify a Vision and Policy Statement topics for amendment by March 2017. The last time a similar project occurred was the "Measuring our Progress" report done for each island in 2003 which focused on sustainability indicators. An indicator is simply a factor we can measure to provide objective information and clues about conditions and trends.

Objectives

- The 'State of the Islands' report will offer a base-line of important indicators that will support public engagement and help future Councils to measure progress in achieving its vision.
- This project supports the Policy Statement update project.

In Scope

- Reporting on Trust-wide indicators and trends that measure progress towards TC vision
- Collating existing data (e.g. ecosystem mapping, water studies, Salt Spring Island Incorporation Report, Economic Sustainability displays, 2011 and 2016 Census data)
- Data relevant to Policy Statement
- Displaying the information in ways that support public communications at meetings and on the web-site

Out of Scope

- ~~Purchasing data~~
- ~~Original research~~
- Analyzing the reasons for changes in indicators
- Prescribing responses to poor indicators
- ~~Data that is available only for a few islands~~

Workplan Overview

Deliverable/Milestone	Date
Recruit contractor or temporary staff	April-May 2016
Phase 1— collect data and produce reports	June-Aug 2016
Report to Trust Council	Sept 2016
Phase 2— Consolidate 2016 Census with phase 1	2017

Project Team

TPC	Project Sponsor
Lisa Gordon	Project Manager
Contractor/Island Planner/Policy Advisor	Project Lead
Pamela Hafey	Communications

Approved by:

Trust Programs Ctte

Date: Feb 29, 2016

Endorsement:

Resolution #:

Date:

Budget 2016/17

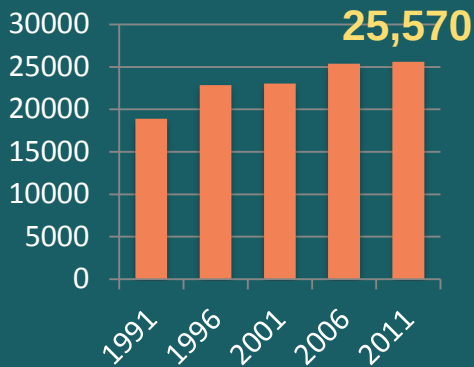
Budget Source: 2016/17 approved budget

Item	Cost
Contractor / Co-op student	\$25,000
Communications materials / display	\$10,000
In-kind staff time	
Total	\$35,000

Trust Area

State of the Islands Indicator Report 2016

Population Trend



Trust Area

	1991	2011
Children	21.8%	14.9%
Seniors	20.9%	25.9%
Median Age	42.9	55

BC

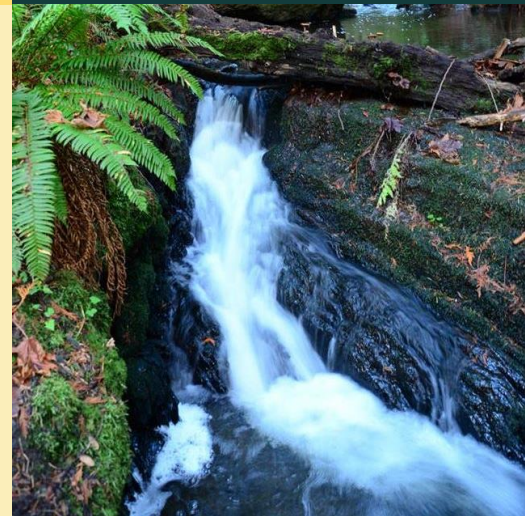
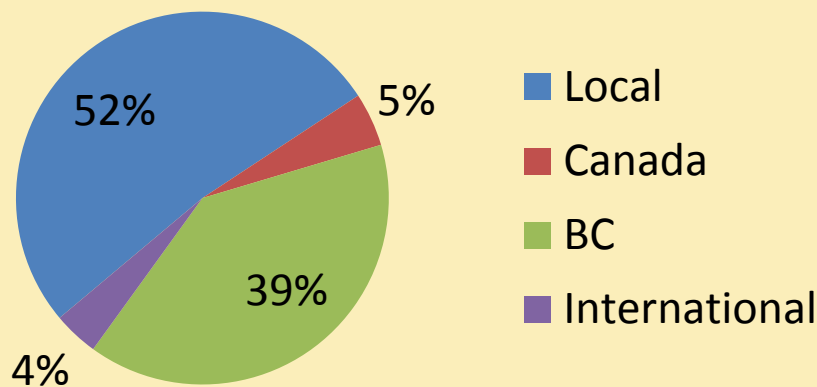
	1991	2011
Children	25.3%	20.4%
Seniors	12.9%	15.7%
Median Age	34.7	41.9



Faster than Inflation
Passenger + Vehicle

1275 docks

Land Title Folios



22%

High Biodiversity
Areas protected

40,241



Sequestered Each Year



Preserving *Island* communities, culture, and environment

LEARN MORE

www.islandstrust.bc.ca

State of the Islands Indicator Project: Interim Report

Explanatory Text

Lisa Gordon, Director, Trust Area Services

Clare Frater, Senior Policy Advisor

August 18, 2016

Socio-Economic Statistics

Bhupinder Dulku

Sustainability Analyst

August 18, 2016

GIS Generated Statistics

Nigel Hughes

GIS Technician

August 8, 2016

Table of Contents

I. Introduction	3
II. Indicators by Trust Area	3
Socio-Economic Indicators	3
Demographics	3
Transportation: Ferry Fare	4
Land Title	5
Environmental Indicators	6
Eelgrass	6
Docks	8
Carbon Sequestration	9
Agricultural Land Reserve:	10
Biodiversity Protection	12
Freshwater	14
Still in progress:	14
Indicators:	14



Dionisio Point, Galiano Island

I. Introduction

Why is a State of the Islands reporting important? Informed discussions about how we can all preserve and protect the Islands Trust Area depend on being firmly grounded in the realities that surround us. All too often, in the absence of insightful indicators, we form opinions and beliefs based on anecdotal experiences or feelings about how things are. This report includes a selection of environmental and socio-economic indicators that illustrate what is happening on our islands and in our communities.

The 'State of the Islands' indicators will support public engagement and help the current Trust Council, as well as future Trust Councils, to measure the progress of Islands Trust in achieving its vision of "preserving and protecting" the Trust Area.

II. Indicators by Trust Area

Socio-Economic Indicators

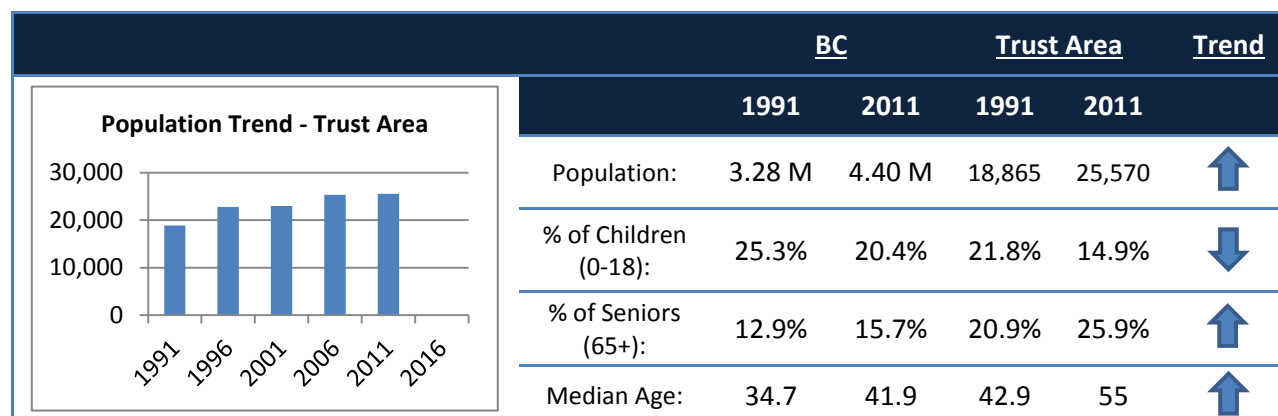
Demographics

Derived from census 1991 to 2011 data, the demographics indicator explains trend information on four key aspects: population, % of children, % of seniors, and median age. For the entire Trust Area this has been compared to trends experienced by the Province of British Columbia. Children are defined as persons aged 0-18 and seniors are defined as persons aged 65+.

Key Findings:

- The population of the Trust Area from 1991 to 2011 has grown approximately 36% whereas BC has grown 34%.
- Both BC and the Trust Area follow similar trends of decreasing percentage of children, increasing percentage of seniors, and an increasing median age.
- The Trust Area today has a median age of 12 years older than 20 years ago and 13 years older than the rest of British Columbia today.
- In 2011 the Trust Area's population of 65+ was 26% compared to only 15.7% across BC.
- In 2011 the Trust Area has only 15% youth (0-18) compared to 22% 20 years earlier and BC's 2011 rate of 20.4%
- Although uneven, the Trust Area's population growth rate is decreasing.
- Between the years of 2006 and 2011 the following islands decreased in population size: Denman, Gabriola, Galiano, Gambier, Hornby, Mayne, Saturna, South Pender, and Thetis. The

biggest population decrease was experienced on Galiano of 120 people. The rest of major islands in the trust area increased in population with the largest growth on Salt Spring.



Sources: Adapted from Statistics Canada, Custom Tabulations, 1991-2006 Census. This does not constitute an endorsement by Statistics Canada of this product. Adapted from Statistics Canada, Semi-custom Profile, 2011 Census. This does not constitute an endorsement by Statistics Canada of this product.

Limitations: See [2011 Statistics Canada Data Quality and Confidentiality Standards and Guidelines](#).

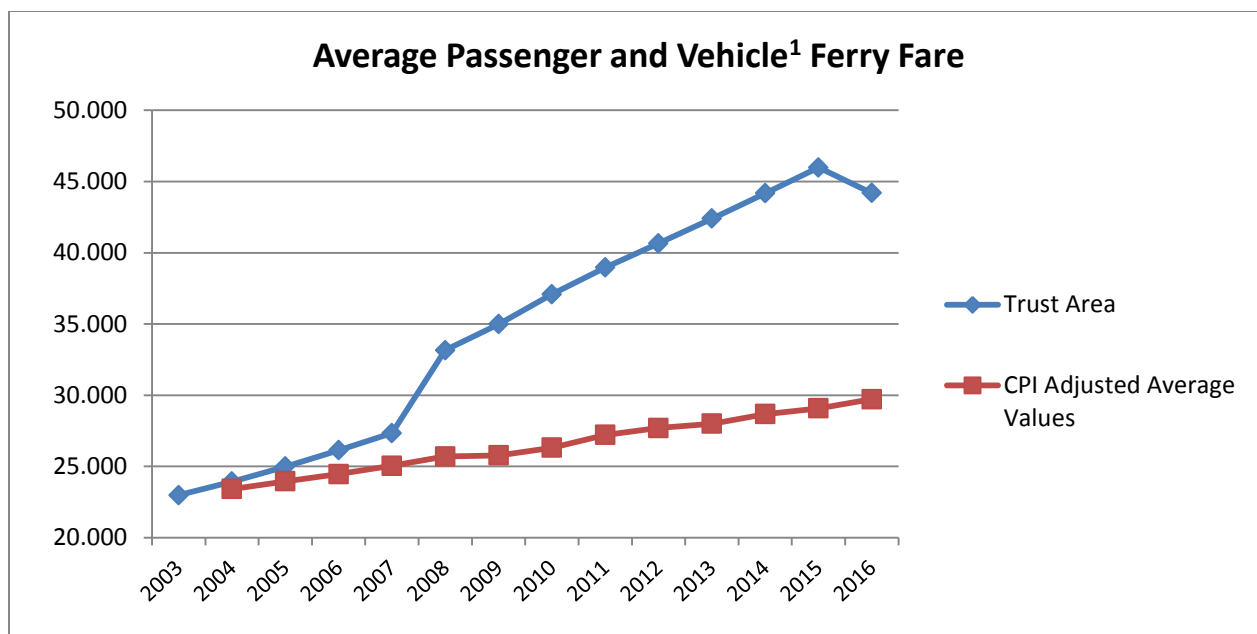
The inclusion of 2016 Census information, to be available in 2017, will provide a much more robust understanding of prevailing trends.

Transportation: Ferry Fare

Since 1961, when BC Ferries bought out local operators and began to provide a publicly funded ferry service, island communities have received repeated promises from the provincial government that ferries would remain affordable. Businesses and families invested on the islands on the basis of these promises. There are concerns that high fares weaken the economic and social health of island communities, island families and the province.

Key Findings

- Average ferry fares of passenger and vehicles have significantly outpaced inflation. Since 2003, the cost of BC Ferries to our communities has grown three times faster (92%) than CPI has risen (30%).
- Since 2003, ferry fares are 40% higher than they would be if CPI was the determining factor. The increases are not consistent across the Trust Area (e.g. the rate is 50% higher on Denman Island).



Sources: BC Ferry Commissioner Website.

Limitations:

Western Pacific Marine declined to share ferry fare information between False Bay and French Creek. The Lasqueti and Gambier ferries do not take vehicles and as a result cannot be compared with other routes.

Land Title

This indicator uses residential and farm land title information from BC Assessment. The data illustrates four aspects of island property ownership: where owners of Trust Area properties live (local, BC, Canadian and non-Canadian ownership); subdivision rates (rates of increase of parcels / folios); assessed property values and size of land held. The dates of the data include three snapshots: 1978, 2005 and 2016. Staff excluded all Crown and commercial properties to allow a focus on residential trends.

Key findings:

- Between 1978 and 2005, the number of folios (parcels) in the Islands Trust Area doubled from 11,000 to 21,500.
- From 2005 to 2016, assessed values for parcels zoned residential increased from \$7.6B to \$11.7B.
- Island property owners are predominantly local (52%) and from BC (40%). While the proportion of properties owned locally has increased from 10% in 1978 to 52% in 2016 the percent of properties owned internationally has been stable at 4% since 1978.

1978						
Trust Area	Folios		Value (\$)		Size (ha)	
Local	1,070	9.8%	-	-	-	-
BC	8,373	76.4%	-	-	-	-
Canada	1,067	9.7%	-	-	-	-
International	453	4.1%	-	-	-	-
Totals	10,963		-		43,212	

2005						
Trust Area	Folios	%	Value (\$)	%	Size (ha)	%
Local	11,340	52.8%	4,262,637,254	56.3%	22,771	47.2%
BC	8,334	38.8%	2,678,448,063	35.4%	21,142	43.9%
Canada	972	4.5%	288,357,400	3.9%	1,497	3.1%
International	844	3.9%	339,687,500	4.5%	2,789	5.8%
Totals	21,490		7,569,130,217		48,199	

2016						
Trust Area	Folios		Value (\$)		Size (ha)	
Local	12,019	51.9%	6,534,912,215	56.0%	24,475	49.2%
BC	9,174	39.6%	4,214,404,393	36.1%	21,063	42.4%
Canada	1,077	4.6%	436,733,586	3.7%	1,602	3.2%
International	909	3.9%	485,464,732	4.2%	2,590	5.2%
Totals	23,179		11,671,514,926		49,730	

Sources: BC Assessment, 2005, 2016. *Islands Trust: Some Basic Statistical Data for the Designated Islands, 1978*

Limitations:

This data set excludes the Ballenas Winchelsea (Executive Islands). The methodology for the 1978 data is unknown and may be different from the methodology applied to the 2005 and 2016 data.

Environmental Indicators

Eelgrass

Eelgrass (*Zostera marina*) is a flowering marine plant that provides critical habitat to fish, shellfish, birds and mammals. It grows at or below the low tide line in soft sediment. Eelgrass meadows serve as nursery habitat, providing food and protection for over 80% of the region's commercially important fish and shellfish species at some point in their lifetimes. Sometimes called "salmon highways", eelgrass habitat is essential to the survival of all species of salmon along our coast. Activities and structures on land and in the marine environment can negatively impact eelgrass and the species that depend on it.

Key findings:

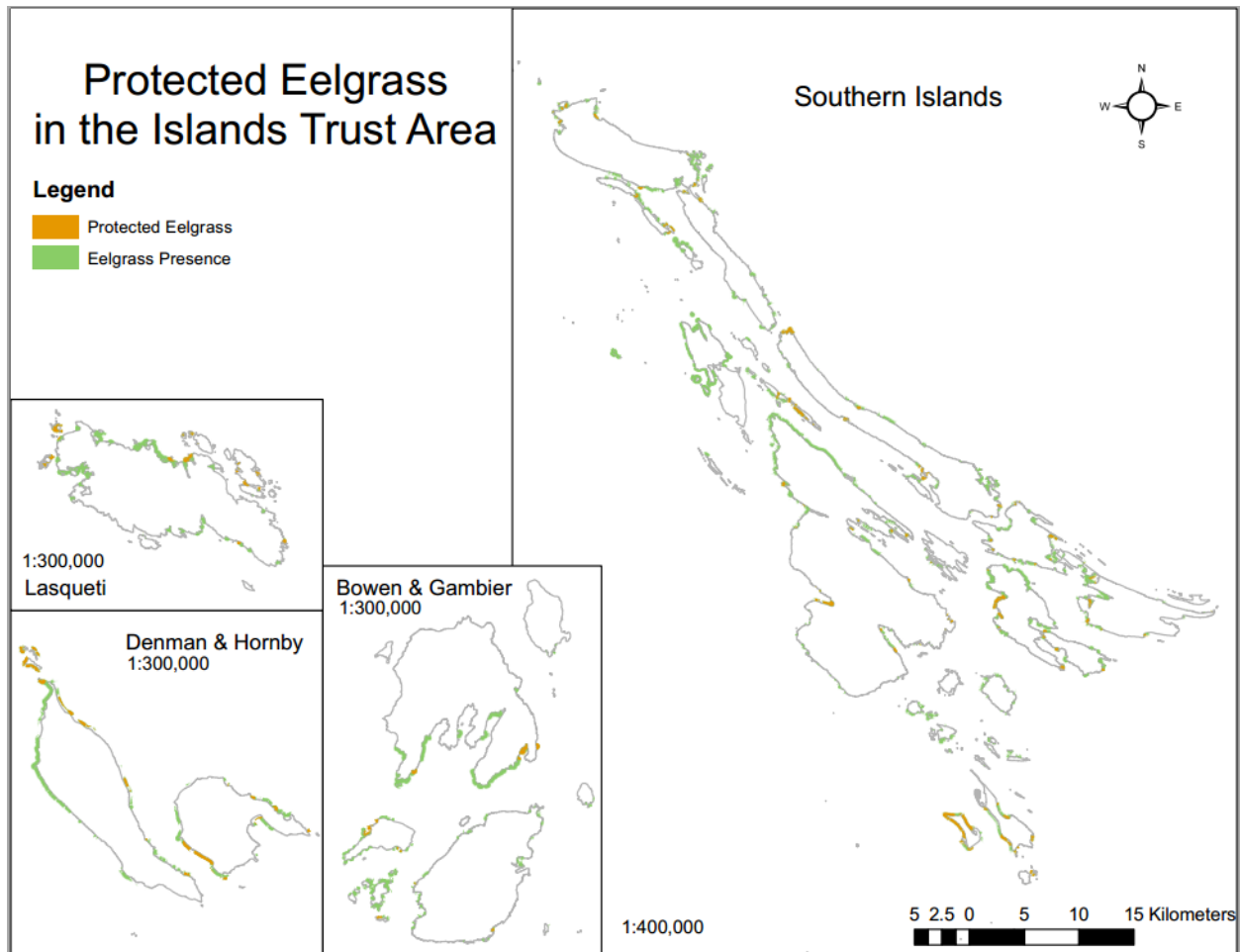
- 19% of the Islands Trust shorelines mapped for eelgrass had eelgrass present.

- 23% of known eelgrass meadows in the Islands Trust Area have some measure of protection through a marine or terrestrial protected area.
- The extent of protection for eelgrass varies from island to island. For example, only 5% of Thetis Island eelgrass meadows and associated foreshores have protection measures in place while 38% of Hornby Island eelgrass meadows and associated foreshores have protection measures.

Limitations:

Between 2012 and 2014, the Islands Trust Fund mapped eelgrass habitats along the shores of the following areas: Ballenas-Winchelsea, Bowen, Denman, Gabriola, Galiano, Gambier, Hornby, Lasqueti, Mayne, North and South Penders and the associated islands of the North Pender Local Trust Area, Thetis and Valdes Islands, Salt Spring Island and Saturna Island. The percentages developed through GIS analysis are estimates only.

Map:



Docks

The Docks indicator provides a baseline on the number of docks and marinas present in the Islands Trust Area. Private docks offer waterfront owners convenient access to the water and are often a lifestyle choice that attract waterfront owners to the Islands Trust Area. However, large docks or large numbers of small docks can reduce the public's enjoyment of their shorelines. Also, depending on where they are located and how they are built, docks can have negative environmental impacts. During dock construction, machines often damage marine plants and the presence of pilings may lessen chances of plant regrowthⁱ. Once built, docks block sunlight necessary for marine life survival and boats using docks may damage marine plants with their props or by stirring up bottom sediments. This is of particular concern for eelgrass and kelp beds which are important fish nurseries. Over time, the wood preservatives applied to pilings or docks can leach into the water and contaminate the food chain.

Fisheries and Oceans Canada bans the harvesting of shellfish, an important First Nations resource for food, social and ceremonial purposes, less than 125 metres from a wharf because of the risk of contamination.ⁱⁱ As docks age, they can create new problems by shedding Styrofoam which contaminates the ocean and threatens marine life, or become derelict structures that detach from land and threaten navigation.

Key Findings:

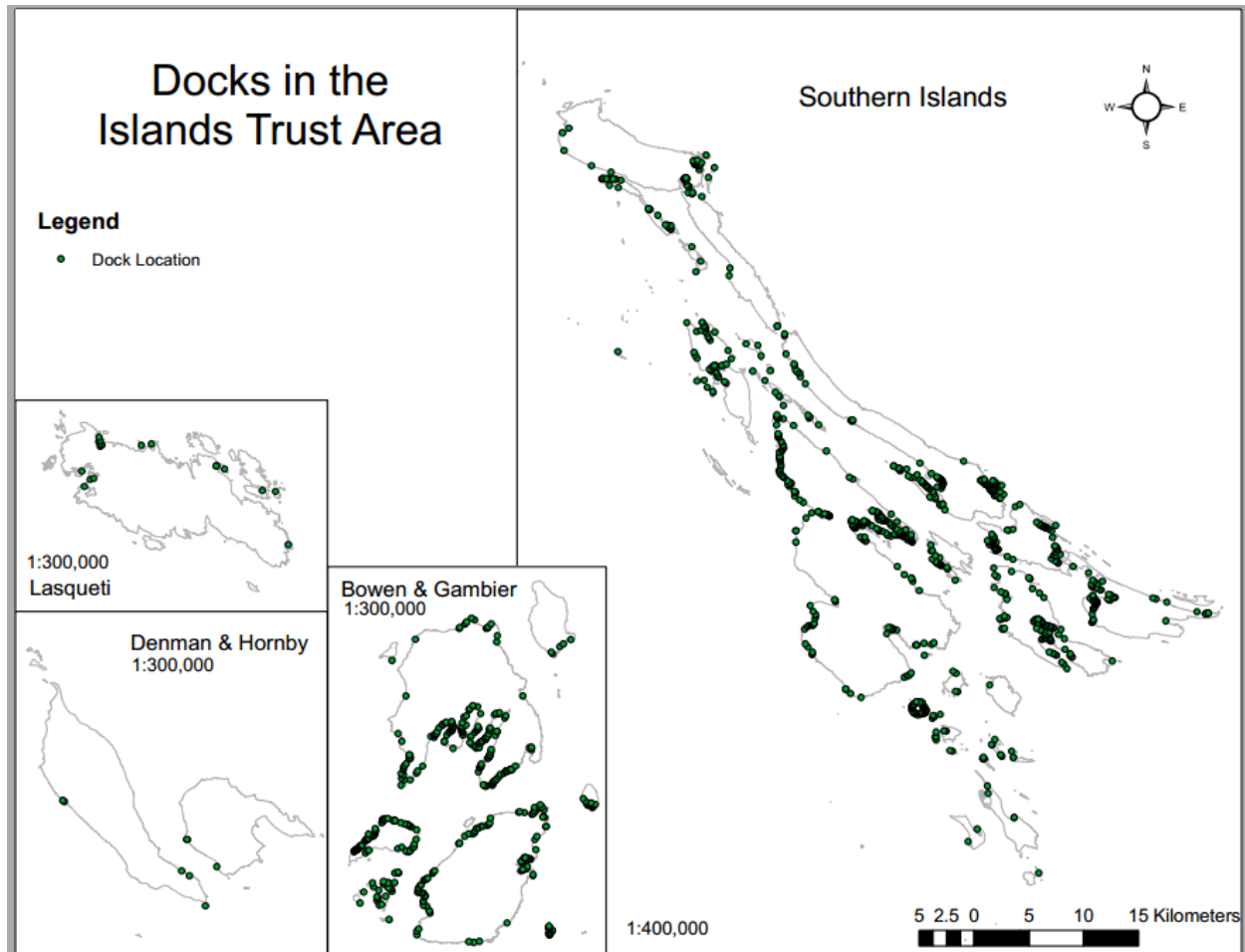
- There are approximately 1275 docks in the Islands Trust Area.
- The number of docks range from two on Hornby Island which has no private docks to 341 on Gambier Island which does not have a vehicle ferry.

Trust Area	Total Docks
Bowen	98
Denman	3
Executive	6
Gabriola	63
Galiano	127
Gambier	341
Hornby	2
Lasqueti	17
Mayne	76
North Pender	104
Salt Spring	312
Saturna	55
South Pender	14
Thetis	57
Islands Trust	1275

Sources: Islands Trust Area Geographic Information System

Limitations:

The dock numbers are based on a manual count and visual interpretation of docks in Islands Trust aerial photos from 2013 -2014. The accuracy of the count could be compromised when docks are obscured by shadow or tree cover. A marina was only counted as one dock and BC Ferries docks were not included.

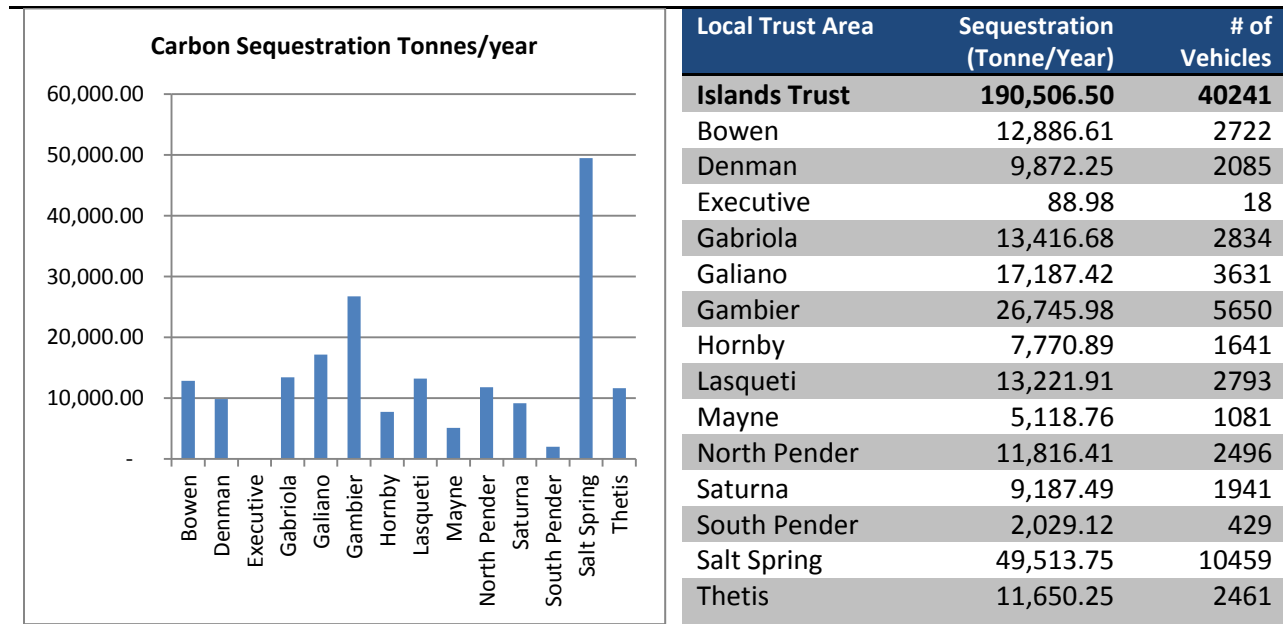
Map:**Carbon Sequestration**

According to a 2014 study, the forests of the Islands Trust area store and sequester more carbon than Coastal Douglas-fir forests outside the Trust area. These results are likely due to a higher forest density in Islands Trust area, and more forests in a mature or maturing state, which tend to store and take in more carbon to support their rapid growth rate.

Key Findings:

- The Trust Area, as a whole, sequesters 190,506 tonnes of carbon per year, which equates to about 40,241 passenger vehicles per year.

- On average, forests in the Islands Trust area store 82% more carbon per hectare and have the potential to absorb 43% more carbon per hectare over the next 20 years than forests in the rest of the Coastal Douglas-fir zone.



Sources: Islands Trust carbon sequestration statistics were acquired in 2014 during a mapping partnership between a UBC Grad student, Richard Schuster, and the Islands Trust Fund. The project was looking at which Coastal Douglas Fir Biogeoclimatic zones had the greatest amount of potential for sequestration and how to conserve these areas.

Limitations:

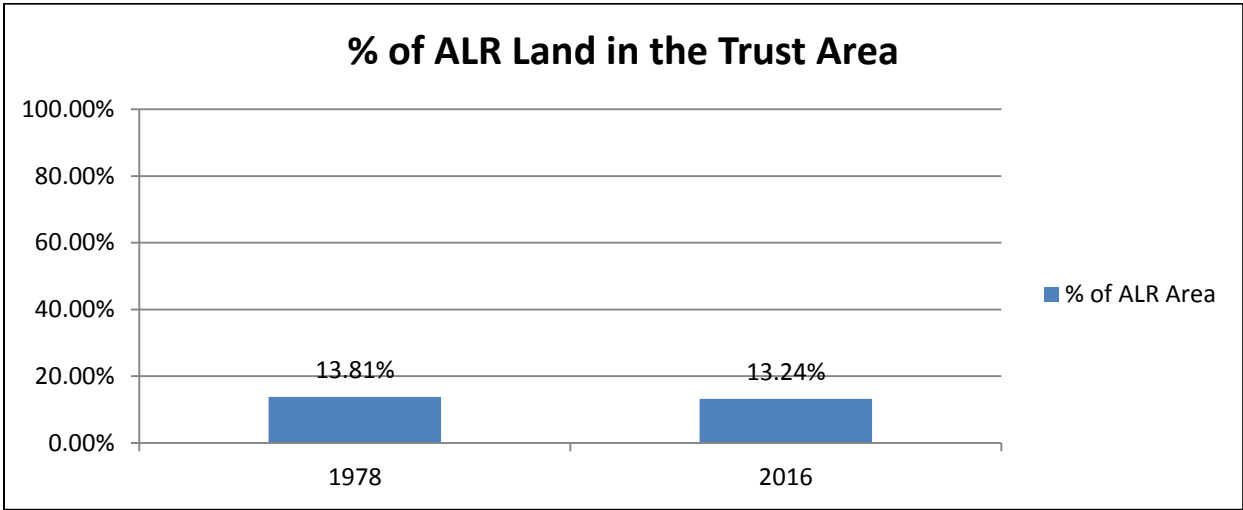
The obtained data does not compare each Island's carbon sequestration on a proportional (per km²) basis.

Agricultural Land Reserve:

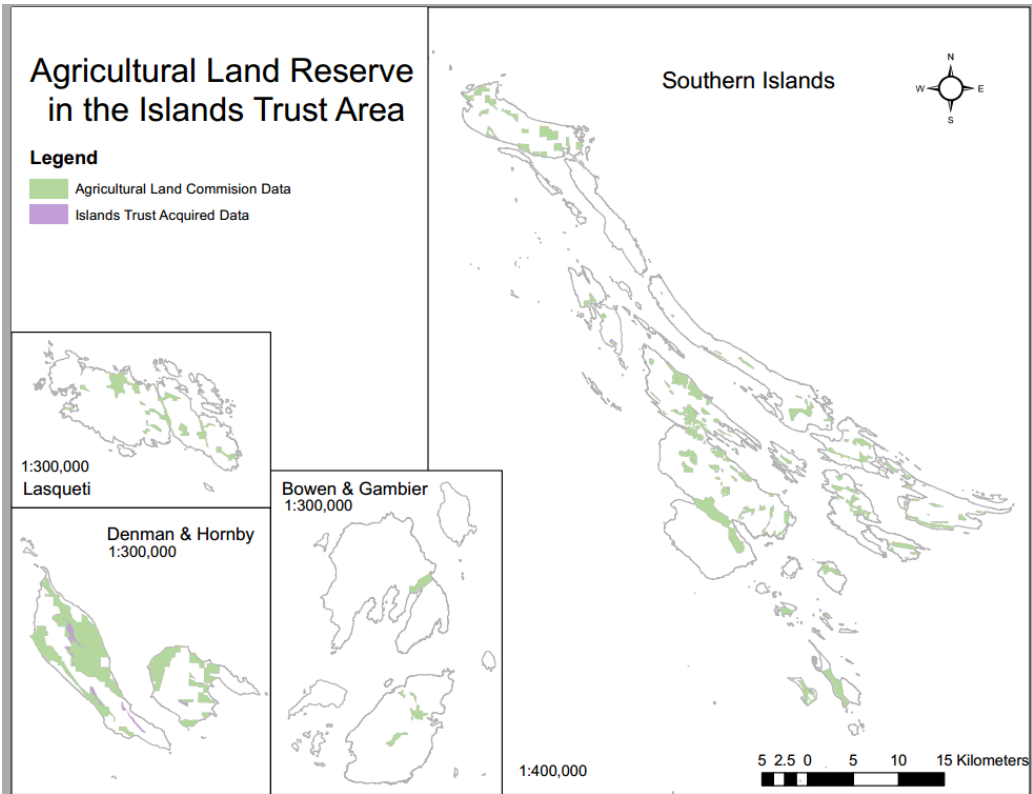
The provincial government created the Agricultural Land Reserve in 1973 through the *Land Commission Act* to protect BC's agricultural land. The 4.7 million hectares of the Reserve were identified between 1974 to 1976 through cooperative efforts with regional districts and member municipalities. Local input was gained through a public hearing process. Despite boundary changes over the decades, the Reserve in BC remains approximately the same size (5% of the province).

Key findings:

- Although there have been some small changes to the size of ALR land within local trust areas, generally the amount of ALR land in the Islands Trust Area has remained consistent.



Map:



Source: Agricultural Land Commission, 2016

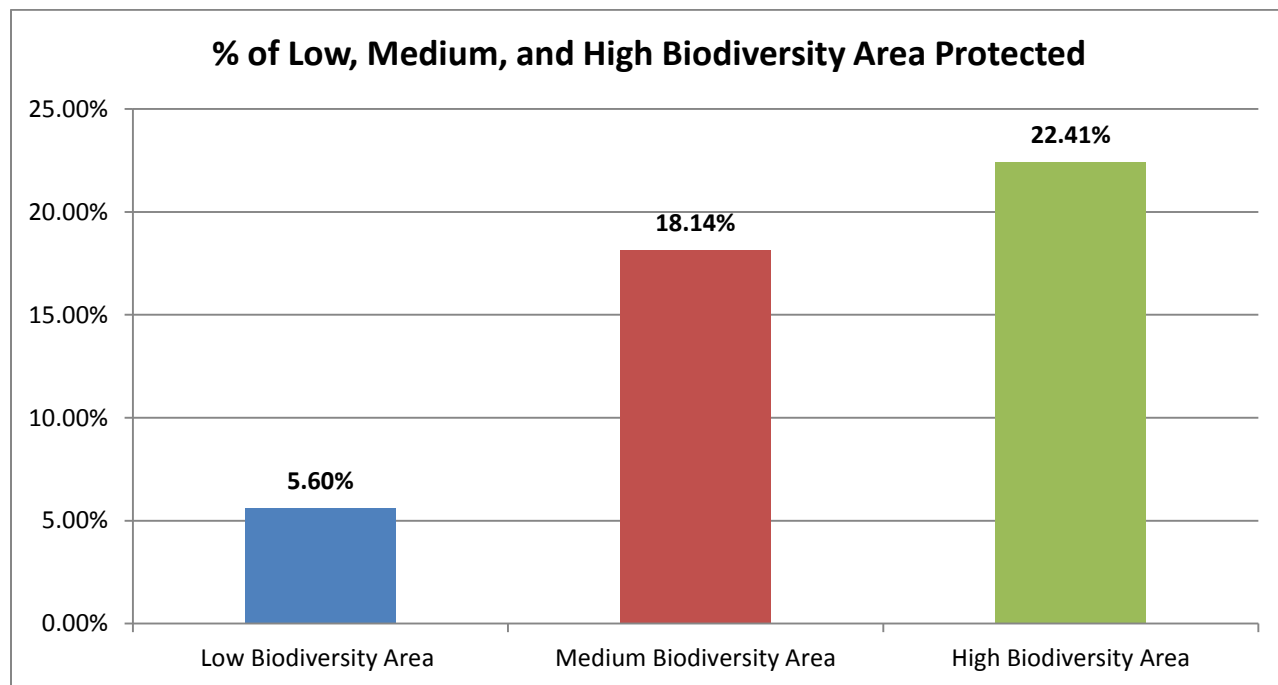
Limitations: The methods used to measure ALR lands in 1978 differ from the methods used in 2016. The accuracy of the 1978 data is not verified. The results should be treated as estimates only.

Biodiversity Protection

The Islands Trust Area is home to biologically-rich, sensitive ecosystems and hundreds of rare plants and animals. With more than 65% of the Islands Trust Area in private land ownership, the pressures to develop and change the natural landscape are tremendous. There are limited resources available for land protection so it is important to focus on protecting areas of high biodiversity.

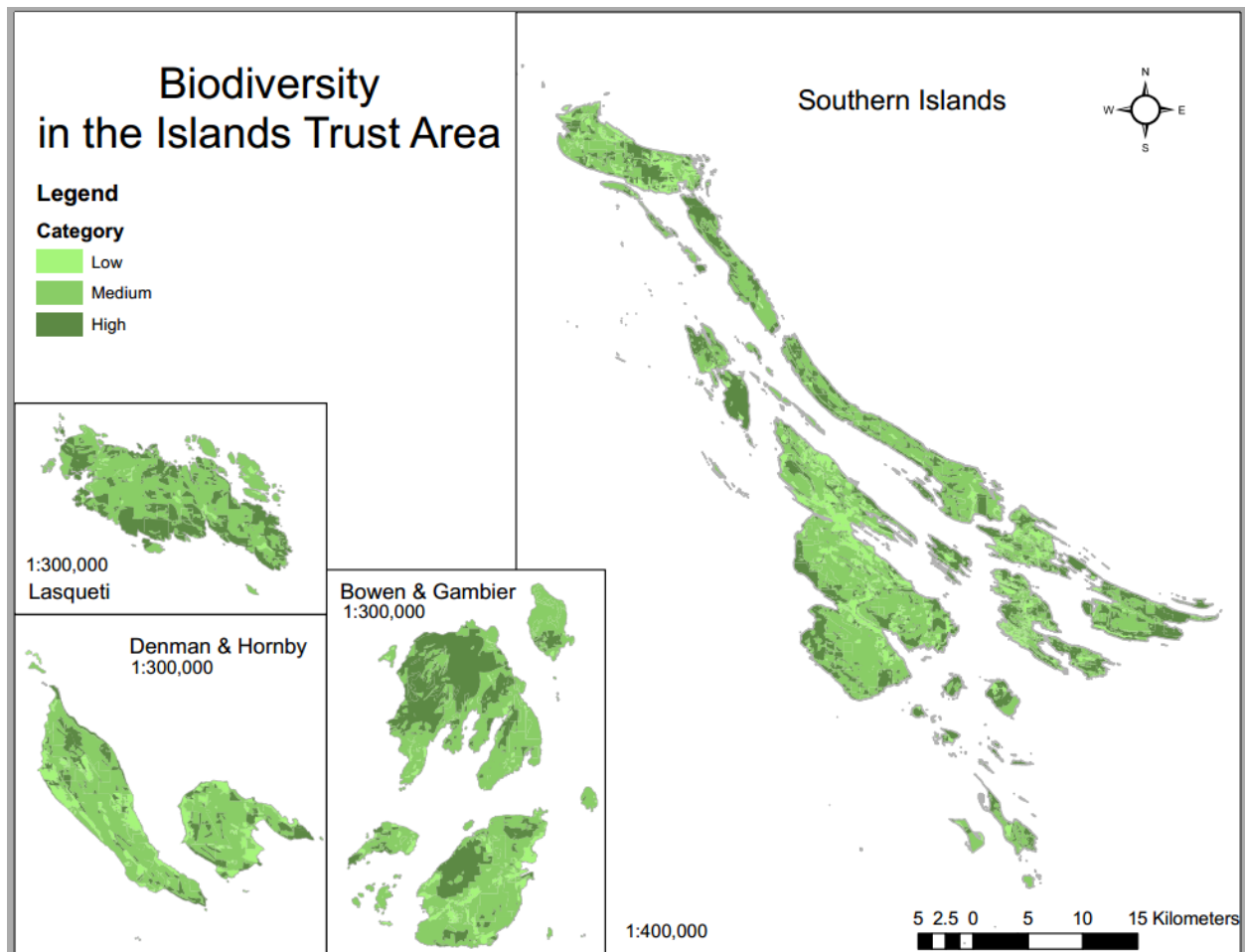
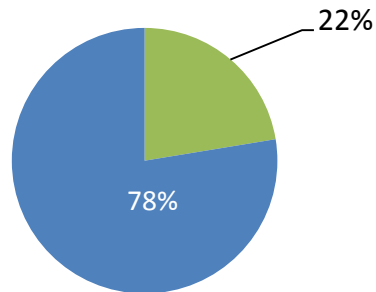
Key findings:

- As of July 2016, only 22% of the high biodiversity areas of the Islands Trust Area have been protected. For this reason, it is important to support continued land protection efforts and for islanders to carefully maintain habitat on their lands so that we can keep our best ecosystems intact, and help sustain the plants and animals that share these beautiful islands.
- Less than 6% of low biodiversity areas have been protected. This means that protected area planners are effectively directing resources towards the most important ecosystems.



High Biodiversity Area Protection in the Islands Trust Area

Protected Not Protected



Sources: Islands Trust Area Geographic Information System

Limitations: High biodiversity areas are defined as the top 30% of natural ecosystems in the Islands Trust mapping system. They were determined by running a custom Geographic Information System (GIS) model. High biodiversity areas are derived from an externally-reviewed Multiple-criteria Decision Analysis (MCDA) of the landscape which was used to rank and prioritize various ecosystem components within a Geographical Information System (GIS). Several criteria were used, including presence of Sensitive Ecosystems, potential for Provincial Ecosystems at Risk, threat level, site 'naturalness' and adequate representation of all habitats. The landscape was then divided into levels of biodiversity. The top 30% was considered 'high', the middle 30% was considered 'moderate', and the bottom 40% was considered 'low'.

Freshwater

The Province of British Columbia operates a provincial observation well network which monitors groundwater availability in areas of high human use. Groundwater levels are sensitive to precipitation, aquifer storage capacity, recharge rate (the rate at which surface water trickles down to refill a groundwater aquifer), and human withdrawal. Long-term groundwater level trends for observation wells in the Islands Trust Area are available at:

<http://www.env.gov.bc.ca/soe/indicators/water/groundwater-levels.html>.

Still in progress:

Indicators:

- Housing affordability – ownership
- Housing affordability – rental
- Shoreline protection
- Agricultural Land Reserve trends or trends with number of farm properties
- Shellfish harvesting closures
- Heritage structures
- Greenhouse gas emissions
- Subdivision rate compared to Municipality of Central Saanich, Regional District of Mt. Waddington and Strathcona Regional District

ⁱ <https://coastalscience.noaa.gov/documents/dockpier.pdf>

ⁱⁱ <http://www.dfo-mpo.gc.ca/shellfish-mollusques/index-eng.htm> Did you know? section.

To: Trust Programs Committee

For the Meeting of: November 16, 2015.

From: Clare Frater

File No.: [Click here to enter text.](#)

SUBJECT: COMMUNITY STEWARDSHIP PROGRAM REVIEW 2015

DESCRIPTION OF ISSUE:

The Trust Programs Committee work programs includes, as the third priority, regular program administration and evaluation of the Community Stewardship Award program. This briefing is intended to provide background information to support decision-making about whether and how to initiate evaluation of the Community Stewardship Award program.

BACKGROUND:

The purpose of the Community Stewardship Awards (CSA) program is to recognize and encourage the actions of individuals and organizations that support the mandate of the Islands Trust.

- Since its inception in 2002, 76 awards have been given to individuals and organizations across the entire Trust Area. Nominated and award-winning projects have addressed a wide range of issues including: land, water and marine conservation, agriculture, wildlife rescue and rehabilitation, community news publication, and the compilation and management of community records.
- Trust Programs Committee is responsible for reviewing CSA nominations in May and recommending award recipients to Trust Council in June.

Past Policy Changes

- The [Community Stewardship Awards Program policy](#) (2.1xi) guides administration of the program. Trust Council adopted the policy in March 2003. Trust Program has reviewed the policy numerous times, resulting in amendments in December 2003, September 2005, December 2006, March 2009, September 2009, and September 2014. Trust Council amended the policy in September 2014 as follows:
 - Program to be offered every two years, on odd numbered years, rather than annually.
 - This change takes advantage of the new four-year term length. It is expected to increase the number of applicants in each round and reduce costs.
 - Changes to evaluation process:
 - These changes reflect current proven practices, such as seeking confidential trustee comments on nominees.
 - These revisions explicitly discourage support letters which can be time consuming for the nominators, and tend to favour islands with larger populations.
 - A Chair letter will recognize each nominee instead of a certificate:
 - This change eliminates the risk of the Islands Trust issuing a mandatory congratulatory certificate to an inappropriate project.
 - Change to eligibility:
 - Trust Fund Board appointees are now listed explicitly as being ineligible.

- Former staff, trustees and contractors are now eligible 24 months after they have received their last payment for services.
- Organizations that provide goods or services to the Islands Trust are eligible so long as the nominated project did not receive payment from the Islands Trust.
- Projects that have received support from the Trust Fund Board are eligible if the value of the Islands Trust Fund cash and in-kind support is less than 50 per cent of project budget.

In 2014, the Trust Programs Committee directed staff to pilot an April 15 deadline for the 2014 CSA applications, instead of April 30. Staff used this mid-April timeline again in 2015 and found that it significantly improved staff processes. It has been included in revised staff procedures.

While Trust Council has reviewed and amended the Community Stewardship Awards Program policy numerous times, the Islands Trust has never sought public feedback on the program. If Trust Council sought public input into the program before October 2016, there would be time to change the program before the 2017 program launch in February 2017.

ATTACHMENT(S):

- 1) June 25, 2015 e-mail from Grant Scott, Community Stewards Award Nominee, 2015
- 2) Community Stewardship Award Evaluation Criteria

AVAILABLE OPTIONS:

1. Receive briefing for information.
2. Determine the program years to review and direct staff to develop a survey questions for one or more of the following audiences:
 - a. CSA award recipients
 - b. CSA award nominators
 - c. Trustees
 - d. Staff
 - e. Trust Area residents

If possible, the survey questions for staff, trustees and Trust Area residents would be added to existing surveys of these audiences in 2016 to avoid survey fatigue.

FOLLOW-UP: Staff will follow-up as directed.

Prepared By: Clare Frater

Reviewed By: Lisa Gordon, Director, Trust Area Services

Date: October 14, 2015

From: Grant and Carol Scott

Sent: Thursday, June 25, 2015 6:32 AM

To: Clare Frater; Joanne Wyvill

Subject: Re: News release re Islanders Recognized with Islands Trust Community Stewardship Awards

Clare

Thanks for the information.

I'm surprised that when the people of Hornby Island, through Conservancy Hornby Island recommend me or anyone else for the recognition the Trust rejects it

My only conclusion can be that creating a sustainable community of a bird species, Purple Martins, does not fit your criteria

Cheers,

Grant

On Wednesday, June 24, 2015, Clare Frater <cfrater@islandstrust.bc.ca> wrote:

Hello,

Thank you for participating in this year's Community Stewardship Award program.

Attached for your information is a news release of interest re: Islanders Recognized with Islands Trust Community Stewardship Awards.

The online version is available at:

<http://www.islandstrust.bc.ca/media/327828/news24june2015csa.pdf>

Regards,

Clare Frater

Policy Advisor

Islands Trust

(250) 405-5192

"Preserving *island* communities, culture and environment"

COMMUNITY STEWARDSHIP AWARDS – EVALUATION FORM 2015

INDIVIDUAL/GROUP EVALUATION CRITERIA:

Individuals	Relationship to Policy Statement (1-5)	Benefits to the Community or Trust Area (1-5)	Collaboration with others (1-5)	Innovation (1-5)	Level of community support and involvement (1-5)	TOTAL SCORE
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						

TRUST PROGRAMS COMMITTEE WORK PROGRAM REPORT

To: Islands Trust Council

Updated: May 16, 2016

WORK PROGRAM (next quarter)

- 1. REVIEW THE ISLANDS TRUST POLICY STATEMENT** (Strategic plan 9.1)
 - State of the Islands project
- 2. AMEND CROWN LAND COOPERATION AGREEMENTS** (Strategic plan 8.1)
 - Engage Bowen Island Municipality and the Province of B.C. in updating and consolidating six existing agreements into one.
- 3. PROTECT QUALITY AND QUANTITY OF WATER RESOURCES** (Strategic plan 4.3)
 - Prepare to advocate for and educate about water conservation measures (phase 1 staff training and assessment of capacity and scope)

CONTINUING ITEMS

Strategic Plan Objective	Trust Programs Committee Strategy
4. Protect quality and quantity of water resources	4.3 Advocate for and educate about water conservation measures (phase 2 e.g. rainwater catchment, greywater recycling) (2016 -17)
5. Enhance (protect / restore) community character, socio-economic diversity and economic sustainability	5.4 Work with other agencies to promote economic sustainability (2016-18) 5.6 Facilitate exploration of intra and inter-island transportation routes (2017-19)
6. Strengthen relations with First Nations	6.2 Improve protection of archaeological and First Nations cultural resources (2017-20)
8. Improve cooperation and integration with other levels of government	8.2 Explore opportunities and benefits of working with UNESCO and the TFB and others re: UN Biosphere Reserve (2016-18)
9. Improve community and agency understanding and support of the Islands Trust	9.1 design and deliver an engagement process for visioning and topic identification (2016-17); adopt a vision statement (2016-17); conduct an engagement process for topic updates (2017-18); seek ministerial approval for amendments (2018-19)

Lisa Gordon
Designate Staff

Derek Masselink
Chair