

Stewardship
Baseline
Objectives Tool
(SBOT)
Demo



Howe Sound Community CE Webinar

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Outline of SBOT Demo

- SBOT Public-facing website (have screen opened to the SBOT public website)
- Roosevelt Elk and Old Forests SBOT demo
 - ▶ SBOT Components (Overview Page and Dashboard)
 - Dashboard Components (Indicators and how questions are answered for Elk and OG)
 - ► Key Features and Functionalities (examples from selected Howe Sound Lus)

SBOT Public Website (link)

- Access thru Google Search
- SCR's response to visualizing CE assessments and Integrated Monitoring and Reporting
- 5 values currently published (3 Terr, 2 Aqua)
- Other values in development and review (Old Forests and Aquatic Ecosystems)







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Stewardship Baseline Objectives Tool

Professionals

Stewardship Baseline Objectives Tool Glossary Questionnaires for Oualified Environmental

Stewardship Baseline Objectives Tool

The Stewardship Baseline Objectives Tool (SBOT) is currently developed for the South Coast Region. Objectives are implicitly or explicitly set for different economic, social, and environmental values through regulations and policy, land use plans, and operational management objectives. Assessments are prepared to determine how well those objectives are being met through inventory and monitoring initiatives. Government,

industry and other partners then take actions to directly manage these values.

SBOT incorporates the <u>Cumulative</u>
<u>Effects Framework (CEF)</u> results where available and appropriate, and adds additional regional and provincial data sets, such as habitat supply and inventory data. SBOT allows the end use

to select and receive individual assessments for multiple existing features, such as Landscape Units, population units, <u>Wildlife Habitat Areas</u>, and protected areas. SBOT also allows the end user to create specific area of interest (or feature) for assessment

There are over twenty (20) priority terrestrial and aquatic values that are being managed in the region. There are twelve SBOT values currently in development, and multi-value SBOTs are also in development such as for Integrated Investment Planning, (IIP), and Mature Forest.

The interactive mapping tool provides both generalized information and site-specific information for efficient decision-making. SBOT functionalities include the ability to create specific areas of interest (or features) for assessment and create a report on the fly for a chosen area of interest. The tool also supports in answering value-specific questions in response to a potential project environmental impacts and mitigation measures.

Project Area

Click on the image below for a detailed map of the current project area.



SBOT Webmaps

Launch SBOT for any of the values specified below:

- Grizzly Bear
- Northern Spotted Owl
- Oregon Spotted Frog
- Roosevelt Elk
- * White Sturgeon

SBOT Documents

- User Guide (PDF 4.5MB)
- Frequently Asked Questions (PDF 122KB)

Related Links

- Integrated Monitoring and Assessment Reporting
- Modernized Land Use Planning
- Cumulative Effects
 Framework
- Land Use Objectives
- Regulation
 Wildlife Habitat Areas
- Protected Lands and Waters

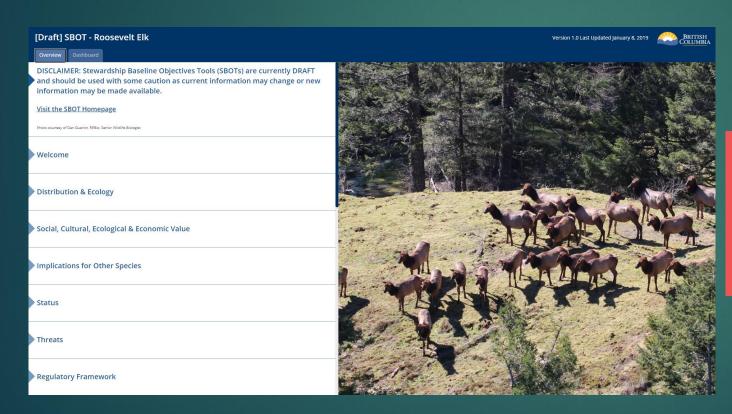
Contact Information

Contact us if you have questions about the Stewardship Baseline Objectives Tool.

sbot@gov.bc.ca



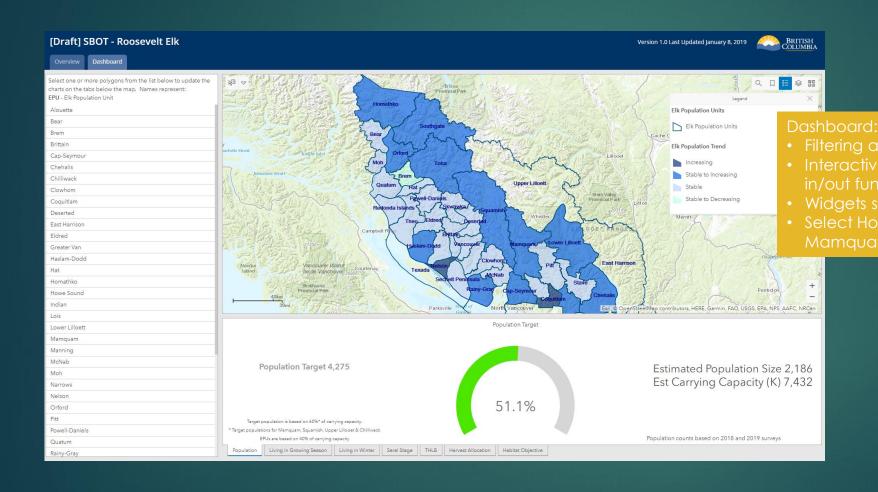
- SBOTs are developed using ArcGIS online
- Utilizing pre-canned features, e.g. story map and dashboard widgets.

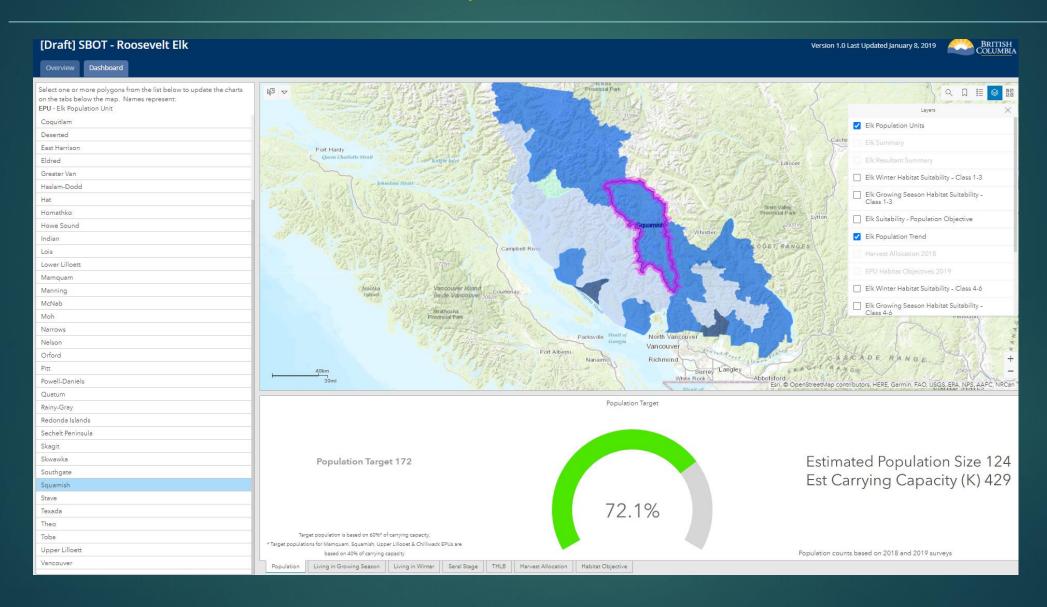


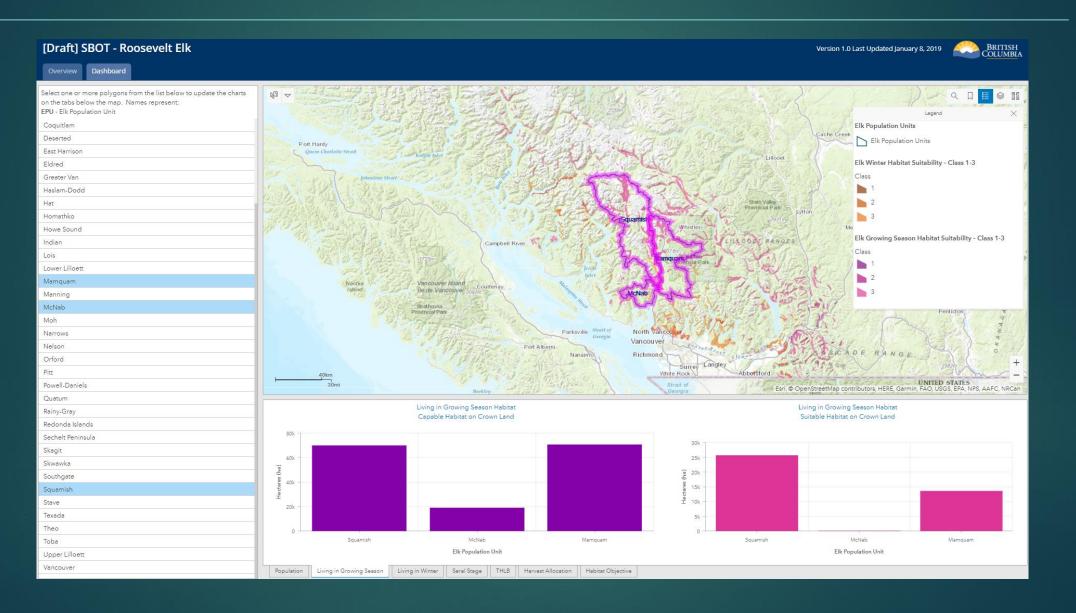
Overview Page:

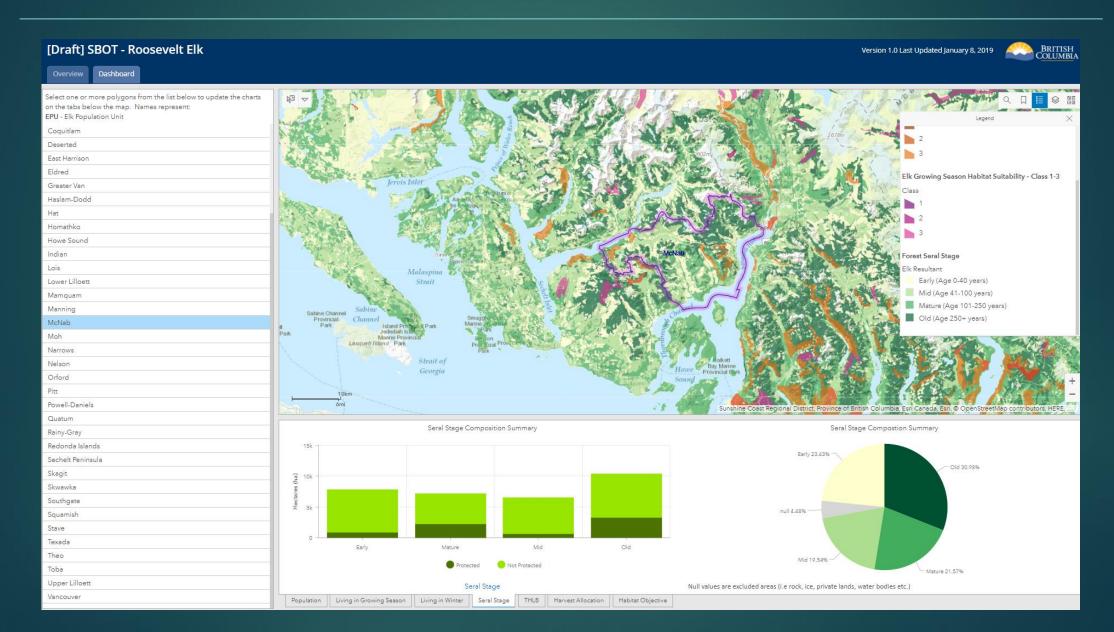
One-stop-shop for Elk value information including:

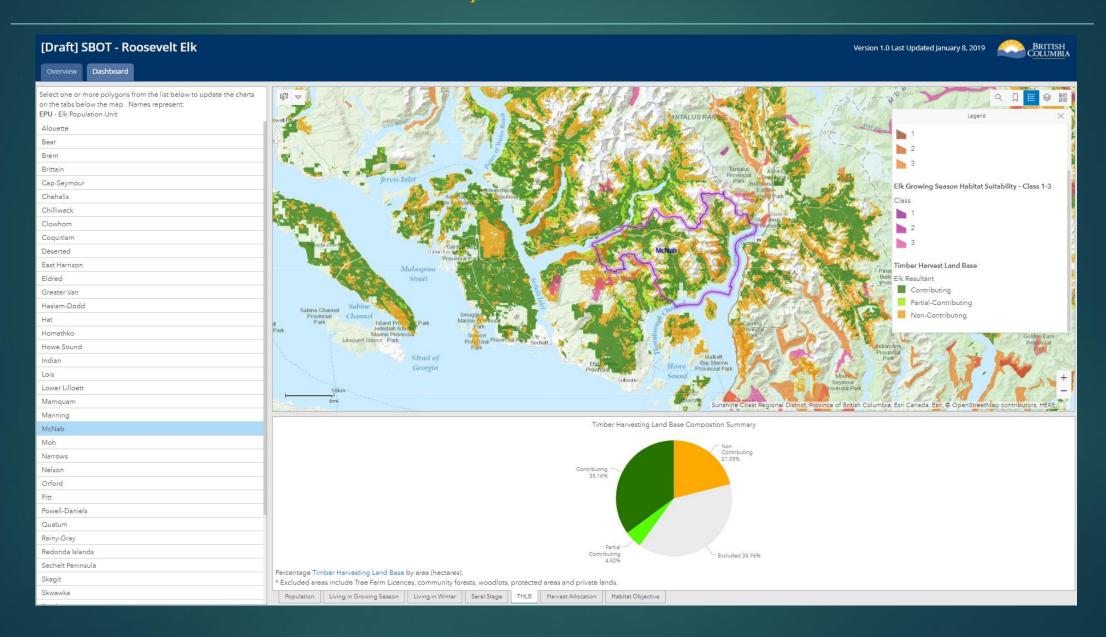
- Habitat distribution and Ecology
- Socio-Cultural, Ecological, and Economic Value
- General Status and Threats of the Specie
- Regulatory Framework
- Recovery Goals and Management Objectives
- Inventory and Monitoring

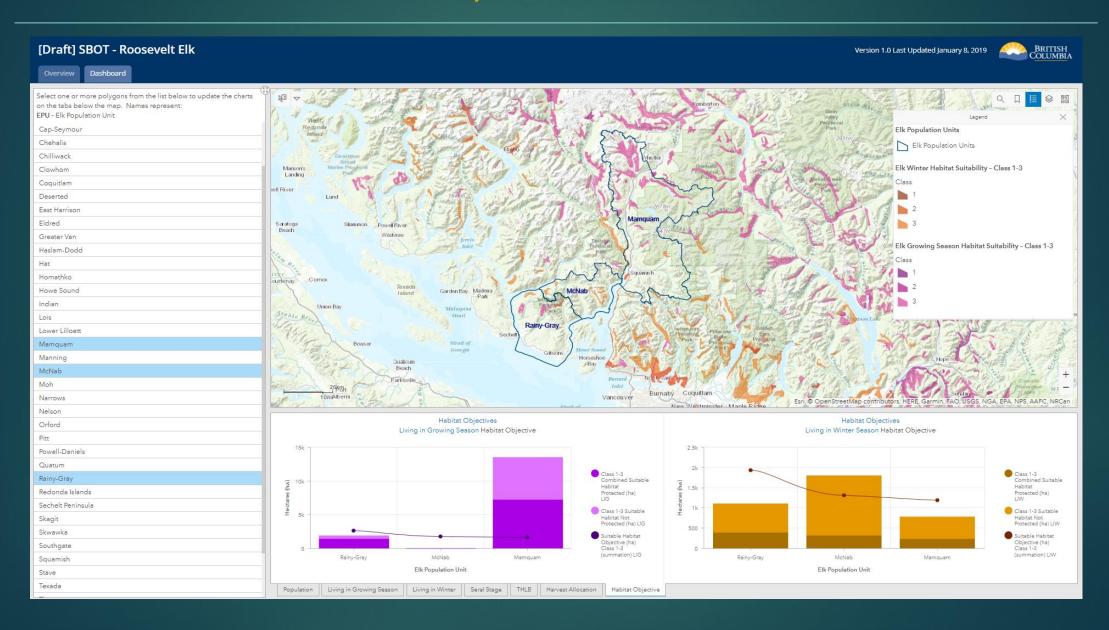












Why Old Growth Forests SBOT

- ▶ It is the Region's response to the Provincial Cumulative Effects Framework Project
- ▶ It provides coarse status of the condition of Old Growth Forests in the Region
- Tool helps in the interpretation and guidance how the Region responds to the Strategic Review of Old Growth Management
- ► It is an input to Forest Values and Multi-value SBOTs

Mature and Old Forests in the Region Based on the seral stage distribution assessment that is presented in the over 610,000 hectares of old growth forests and over 680,000 hectares cast Region with the following distribution by District: Old Forest 1-917,600 ha. Mature Forest - 131,600 ha. Sunshine Coast District Old Forest 1-95,000 ha. Chilliwack District: Old Forest 2-27,000 ha. Mature Forest - 195,000 ha. Mature Forest - 195,000 ha. Mature Forest - 338,000 ha.

- Old and Mature Forests Objective Assessment, identifying amount of old and mature forest in each reporting unit (Landscape Unit, BEC unit) and assessment of current protection of old and mature forests with respect to objectives/targets at BEC unit level;
- 2) Old and Mature Forests Protection Assessment, identifying amount of Old and Mature forests in each reporting unit (Landscape Unit, OGMA, BEC Unit) categorized by the four levels of protection as described in the <u>draft Provincial Land Designations in B.C.</u>
- 3) **OGMA by Protection** (area in ha. and as a %), identifying amount of protection in each reporting unit (Region, District, Landscape Unit, BEC Unit, Land Designation).
- 4) Old and Mature Forests Distribution, identifying amount of old and mature forest in the Region, by individual District, Landscape Unit, BEC Unit, and by individual OGMAs. This provides an estimate of the presence of old and mature forests by the various assessment scales.

Other indicator assessments not yet included in the current Old Growth SBOT, and that is outlined in the Cumulative Effect Framework's <u>Interim Assessment Protocol for Old Growth Forest in British Columbia</u> are:

Spatial Data Layers

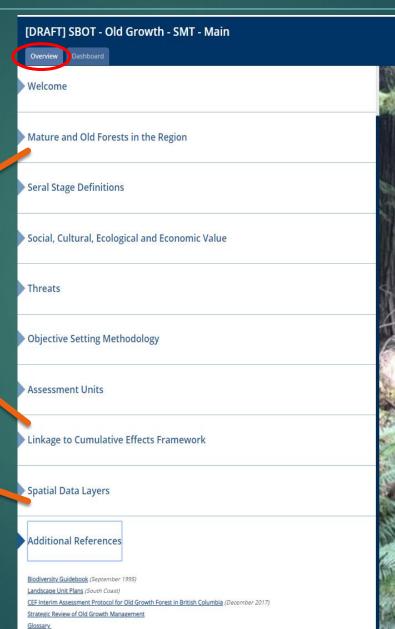
Old growth forests represents 27% of the crown forest land base, while

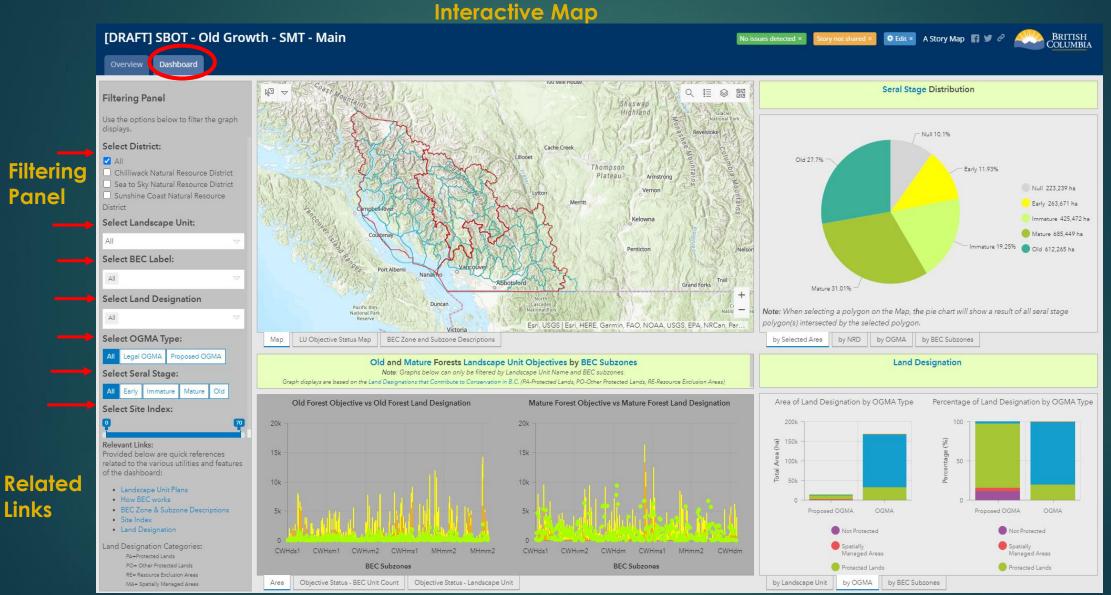
of the crown forest land base

Designated Lands: are spatially-defined areas established through legislation or purchased for the protection of nature and cultural values, the conservation of biological diversity and ecosystem services, and the management of natural resources. For example, conservation land designations include areas established as parks, areas identified to protect species at risk or cultural heritage, and areas that are identified to manage the balance of nature conservation and economic opportunities. More information regarding land designation is available in the Environmental Reporting BC. 2017, <a href="Land Designations that Contribute to Conservation in B.C. State of Environment Reporting, Ministry of Environment and Climate Change Strategy, British Columbia, Canada. This dataset is currently being updated and expected to be available in 1-2 months, link to the Data Catalogue can be found here.

Legal Old Growth Management Areas (OGMA): Legally established and spatially defined areas of old growth forest that are identified during landscape unit planning or an operational planning process. The <u>legal OGMA dataset</u> used in this SBOT was created in June 27, 2016 and updated February 5, 2019.

Non-Legal Old Growth Management Areas: These are spatially defined areas of old growth forest that are identified during landscape unit planning or an operational planning process. The <u>non-legal QGMA layer</u> used in this SBOT was created June 27, 2016 and updated February 5, 2019.

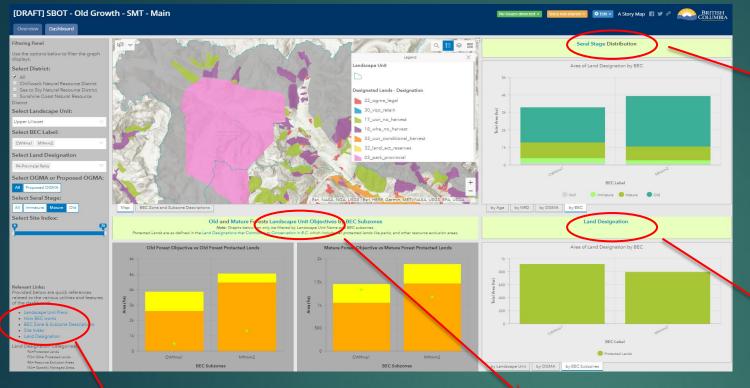


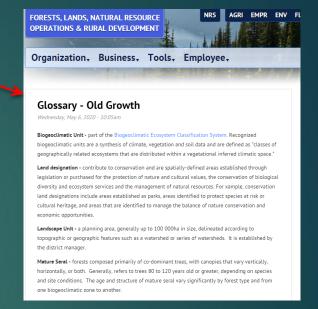


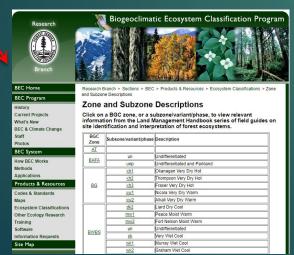
Seral Stage Distribution Graphs

Land
Designation
Graphs

Landscape Unit Objectives Graphs









Sunshine Coast

Landscape Unit Plan

