

THE

# Silviculture Innovation Program

A program of the

**BULKLEY VALLEY**

**RESEARCH CENTRE**

Smithers, BC



Bulkley Valley  
Research Centre

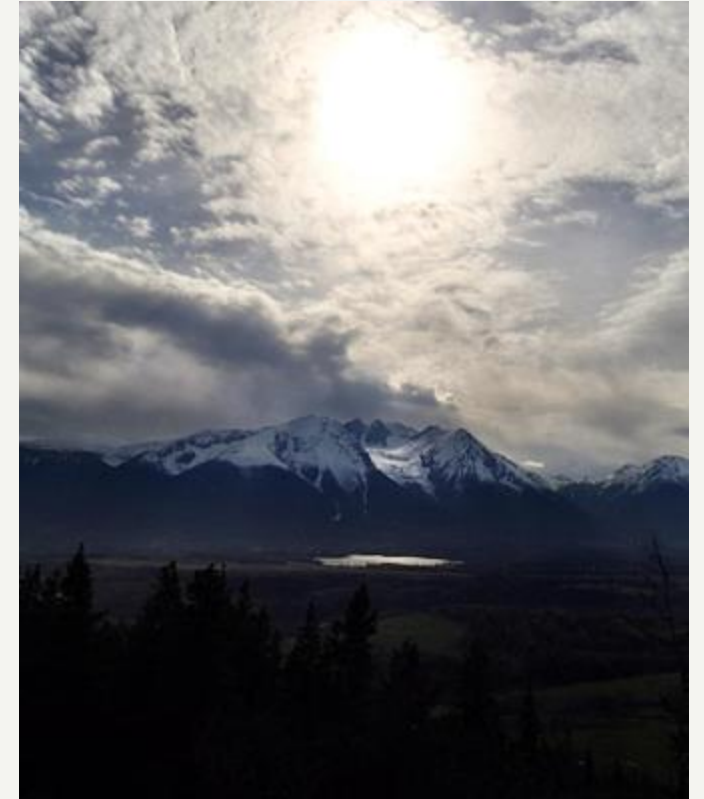
# Where did the SIP come from?

**Old Growth Strategic Review** identified innovative silvicultural practices as tools to help address forest resiliency, ecosystem health and climate change adaptation (Recommendation #12)

The Bulkley Valley Research Centre (BVRC) received \$10 million in funding to design and implement the SIP.

About the BVRC:

- A not-for-profit organization in Smithers, BC on Wet'suwet'en Territory
- Conducts research and extension throughout the province with collaborators and partners
- Policy-neutral
- Responsible for program design and implementation



# Operations Team



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# Program Team



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# Strategic Advisory Group

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# What does the SIP do?

## **Purpose:**

Improve **knowledge** regarding innovative silviculture systems through **extension, applied and operational research**

## **Our Vision:**

Innovative silvicultural systems are applied widely across BC's forested ecosystems for the stewardship of multiple values

# What is innovative silviculture?

Includes **systems for the harvesting, growing and tending of forests** where the **primary objective is to achieve holistic stewardship of the land base**, including maintaining ecosystem health, water quality and quantity.

- Driven by an appreciation of ecological, social, cultural, and economic values of forests, where stewardship is focused on maintaining the continuity of dynamic ecosystem processes and functions

# Broad Themes



Partial  
Harvest



Intensive  
Silviculture



Fire and  
Silviculture



# What is Extension?

**Extension** can empower individuals, organizations and communities to meet the complex challenge of translating knowledge to practice.

- Extension connects the producers of knowledge with the users of knowledge to ensure outcomes are useful,
- Extension actively reframes, translates, and mobilizes knowledge depending on different audiences,
- The SIP is built on the foundation that together - applied research and extension are a powerful combination to translate knowledge into action

# 1. Create a knowledge hub

- Identified by Knowledge Summit participants as the highest priority product for the SIP
- Create a searchable open-access data repository to store knowledge on innovative silvicultural activities and research
- Connect forest practitioners



## 2. Grow and support communities of practice

- Connect Communities of Practice across BC and enhance how they support application of innovative silviculture
- State of Communities of Practice for innovative silviculture assessed through provincial-wide survey (Jul-Aug)
- Perceptions and experiences from over 300 respondents will be analyzed this winter, with trends and recommendations provided back to practitioners this Spring.



# 3. Build capacity & support new research

- Support research projects that address longstanding and novel issues
- Using multiple knowledge systems, new technologies, broad-scale holistic perspectives
- Connect research creators to research users



**CAPACITY**  
**BUILDING**  
**GRANTS**



**Silviculture  
Innovation  
Program**



**Bulkley Valley  
Research Centre**

# Capacity Building

[sip.bvcentre.ca/grants](http://sip.bvcentre.ca/grants)

*Photo: Gillian Chow-Fraser*



INNOVATION IN  
**ACTION**  
GRANTS

**Silviculture  
Innovation  
Program**



# Innovation in Action

[sip.bvcentre.ca/grants](http://sip.bvcentre.ca/grants)

*Photo: Jodi Axelson*



# Current research: Working with woodlots

- BVRC-Office of Wet'suwet'en project
- How do retention systems impact multiple forest values and how does this change over time?
- Learn from the past
- Woodlots have used many interesting and innovative silviculture systems!



[sip.bvcentre.ca/a-return-to-the-past-blog/](https://sip.bvcentre.ca/a-return-to-the-past-blog/)

Research Spotlight

## A RETURN TO THE PAST

16 Aug 2024



### SIP RESEARCH SPOTLIGHT SERIES:

#### NEW RESEARCH REVISITS RETENTION HARVESTS

While innovative silviculture is an exciting opportunity to be creative, it can often feel quite daunting to know which decision is the best for the forest and its future state. What treatment options will improve wildlife habitat? Or, wildfire fuels, or even berry production? This is the challenge that was

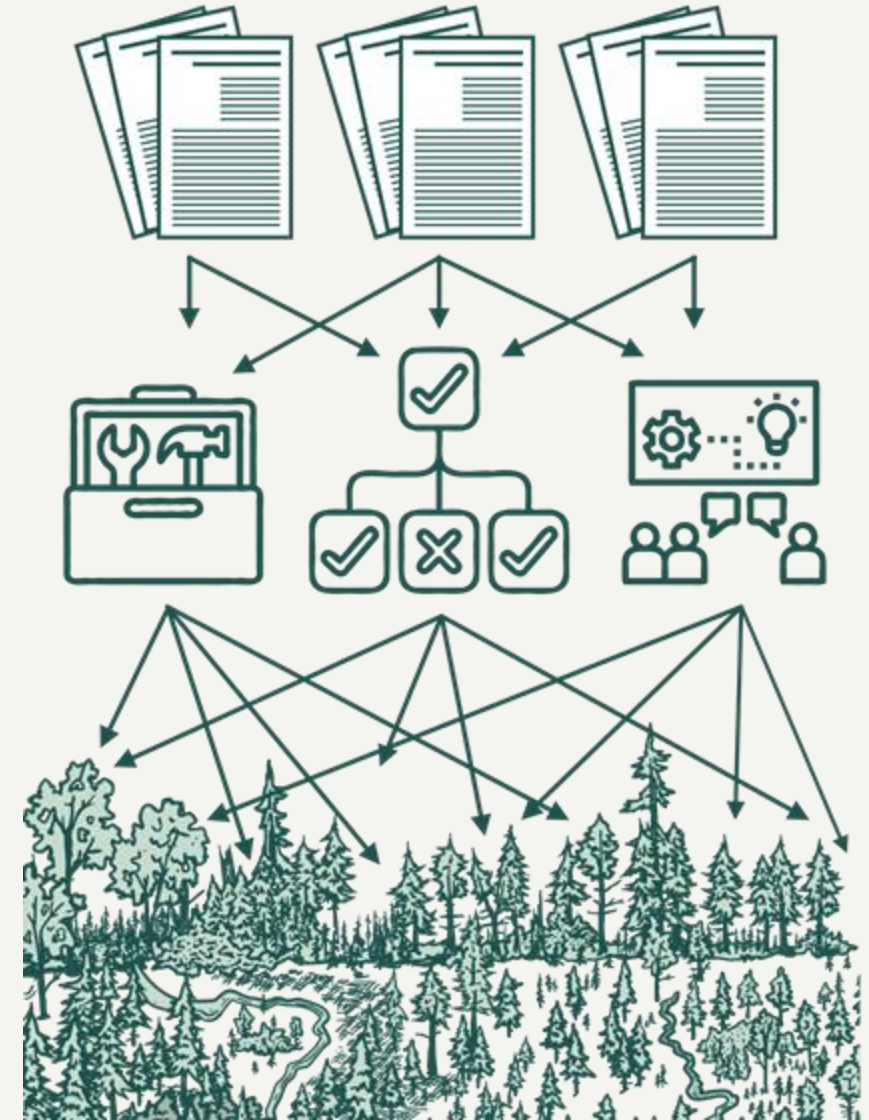
# 4. Synthesize existing knowledge

- Synthesize existing research
- Communicate findings to practitioners and researchers via extension notes and/or reports
- Make easily accessible on the Knowledge Hub



# 5. Extend knowledge to practice

- Help translate knowledge into practical and useful products to support practitioners
- Toolkits, guides, decision keys
- Workshop and field tour support
- Story-telling communications projects



## **Explore:**

Website to meet the team, strategic plan,  
grants, blogs, etc

[sip.bvcentre.ca](http://sip.bvcentre.ca)

## **Subscribe:**

For program updates and opportunities

[sip.bvcentre.ca/subscribe](http://sip.bvcentre.ca/subscribe)

## **Reach Out:**

With examples of innovative silviculture

[sip.info@bvcentre.ca](mailto:sip.info@bvcentre.ca)

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