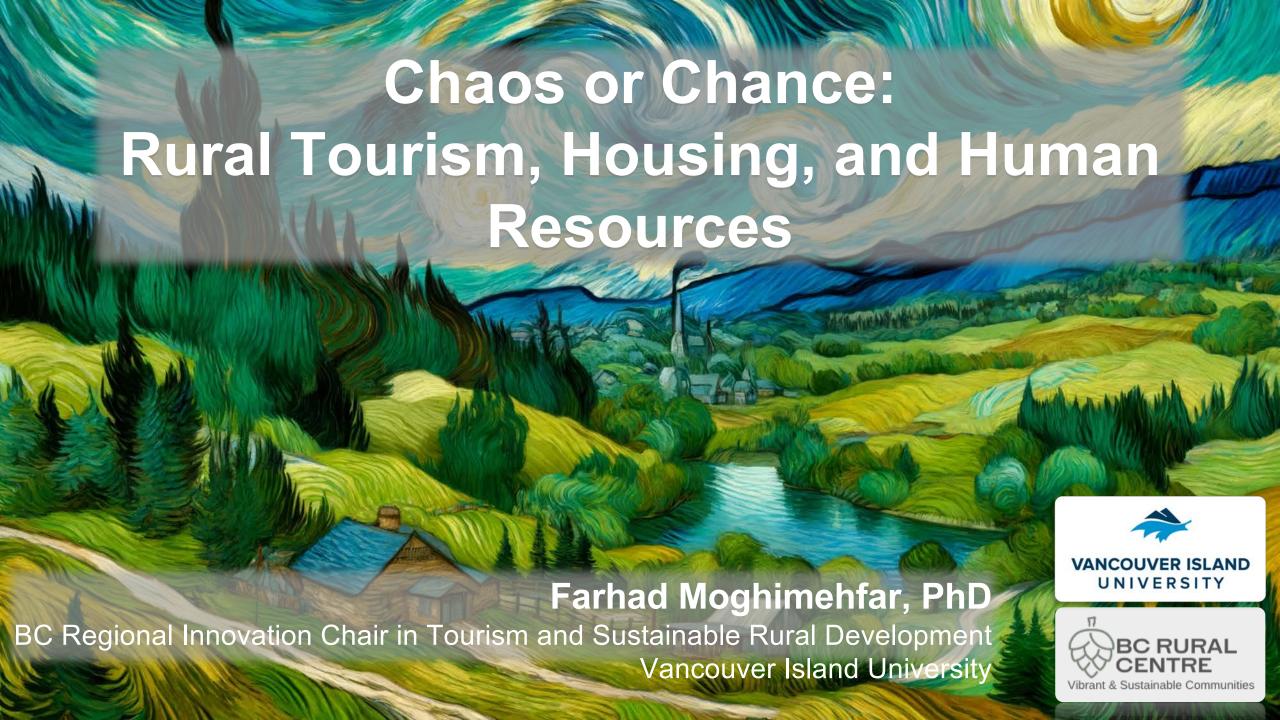
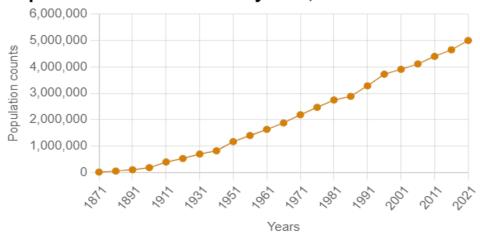
Anticipating Emerging Challenges



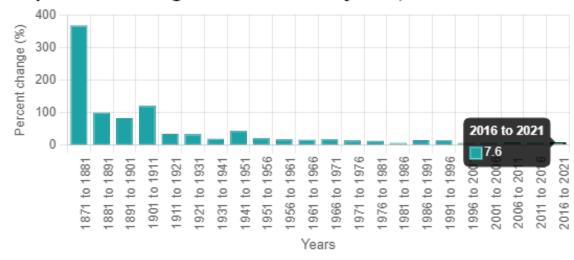


Population Change in BC

Population in the last 150 years, British Columbia



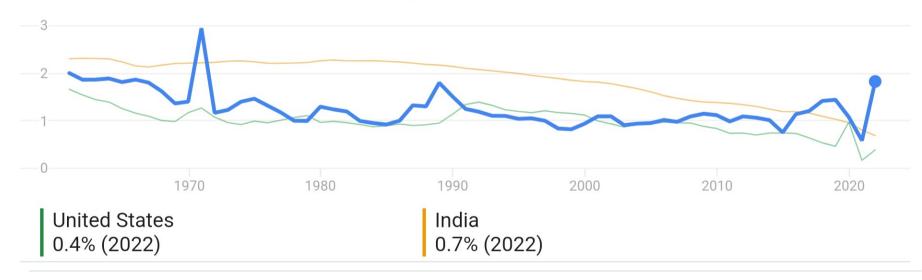
Population change in the last 150 years, British Columbia



Population Growth Rate (World Bank)

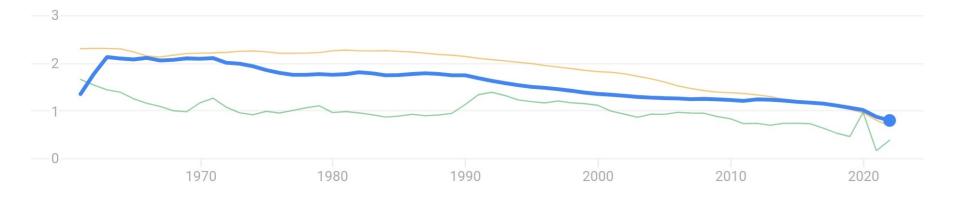






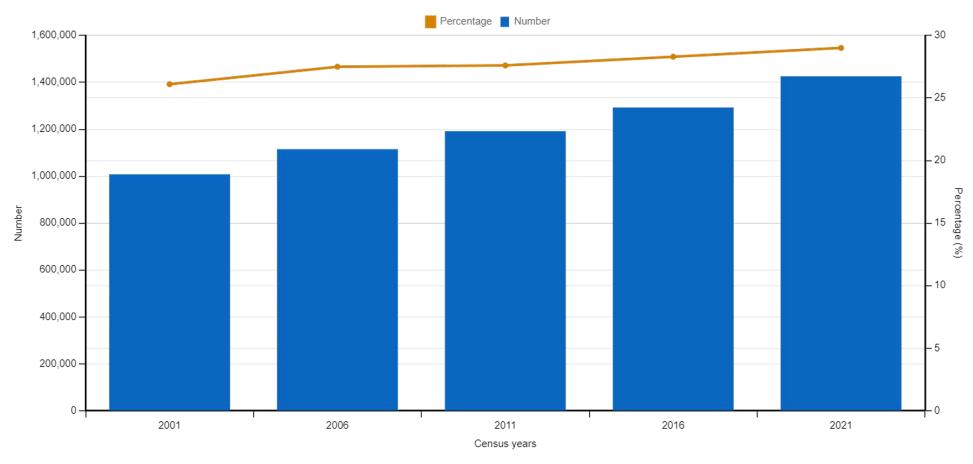
World

0.8% annual change (2022)



Immigrant Population in BC





Immigration Policy, Canada

- Immigration Levels Plan 2024 2026:
 - 485,000 in 2024 (permanent resident admissions)
 - 500,000 in 2025.
 - stabilize at the 500,000 level in 2026

- Priorities in recruiting temporary workers
 - Essential sectors: agriculture, food processing, health care, and Tech.



Immigration Policy, Rural

- Rural and Northern Immigration:
 - Pilot to Permanent Program

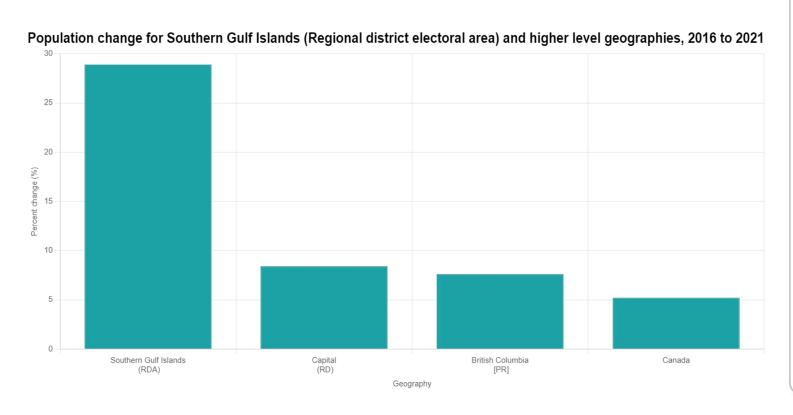
 BC participating communities: Vernon & West Kootenay (Trail, Castlegar, Rossland, Nelson)

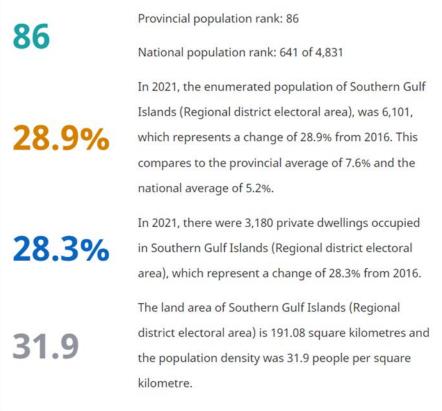
 Settlement and Resettlement Assistance Programs

> Supporting the **resettlement** of refugees in small and medium-sized towns and **rural communities**

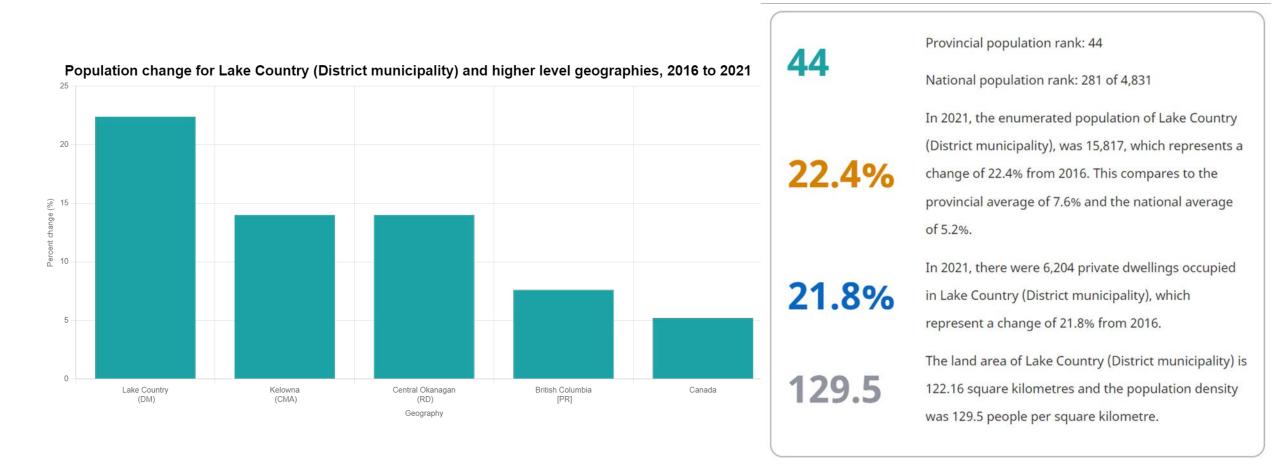


Immigration, Migration, and Rural BC





Immigration, Migration, and Rural BC



Settlement, Resettlement, and Migration in Rural BC

- In addition to immigration policy:
 - Housing market and affordability
 - Living costs
 - Job market
 - Community
 - •

Is there another phenomenon that brings people to rural BC?





Tourism in Rural BC

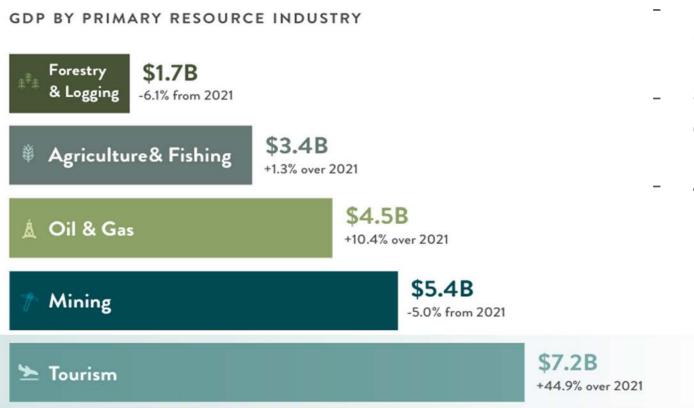
Tourism in rural areas:

- panacea/Silver Bullet
- Trojan Horse

BC Tourism Resiliency Program



Tourism in BC



In 2022:

- Tourism contributed 2.4% to BC's
 GDP
- \$7.2 billion of value added to the BC economy
- Above all other primary resource industries.

Tourism, Hospitality, and Employment in BC

Tourism and Hospitality vs Total Employment, 2023

| Employment | British Columbia | Canada | |
|---------------------------------------|---------------------|------------|--|
| Tourism and Hospitality | 343,979 | 2,007,396 | |
| Overall Employment | 2,791,792 | 20,170,917 | |
| Percent Tourism of Overall Employment | 12.3% | 10.0% | |

Immigration Status in the Industry Workforce, 2021

| Selected | Accomm | odation | Food & Be | everage | Recreation & | Entertainment | Transportation | on & Travel | BC T&H | BC Pop. |
|-------------------------|--------|---------|-----------|---------|--------------|---------------|----------------|-------------|--------|---------|
| Characteristics | # | % | # | % | % | % | # | % | % | % |
| Labour Force | 27,185 | 100% | 144,285 | 100% | 100% | 100% | 49,620 | 100% | 100% | 100% |
| Immigration Status | 8 | | | | | | | | | |
| Non-immigrant | 15,335 | 57% | 78,050 | 54% | 61% | 65% | 29,770 | 60% | 61% | 65% |
| Immigrant | 10,155 | 37% | 46,645 | 32% | 31% | 31% | 18,905 | 38% | 31% | 31% |
| Non-permanent residents | 1,695 | 6% | 19,590 | 14% | 8% | 4% | 945 | 2% | 8% | 4% |

Rural Tourism, Housing, and Human Resources

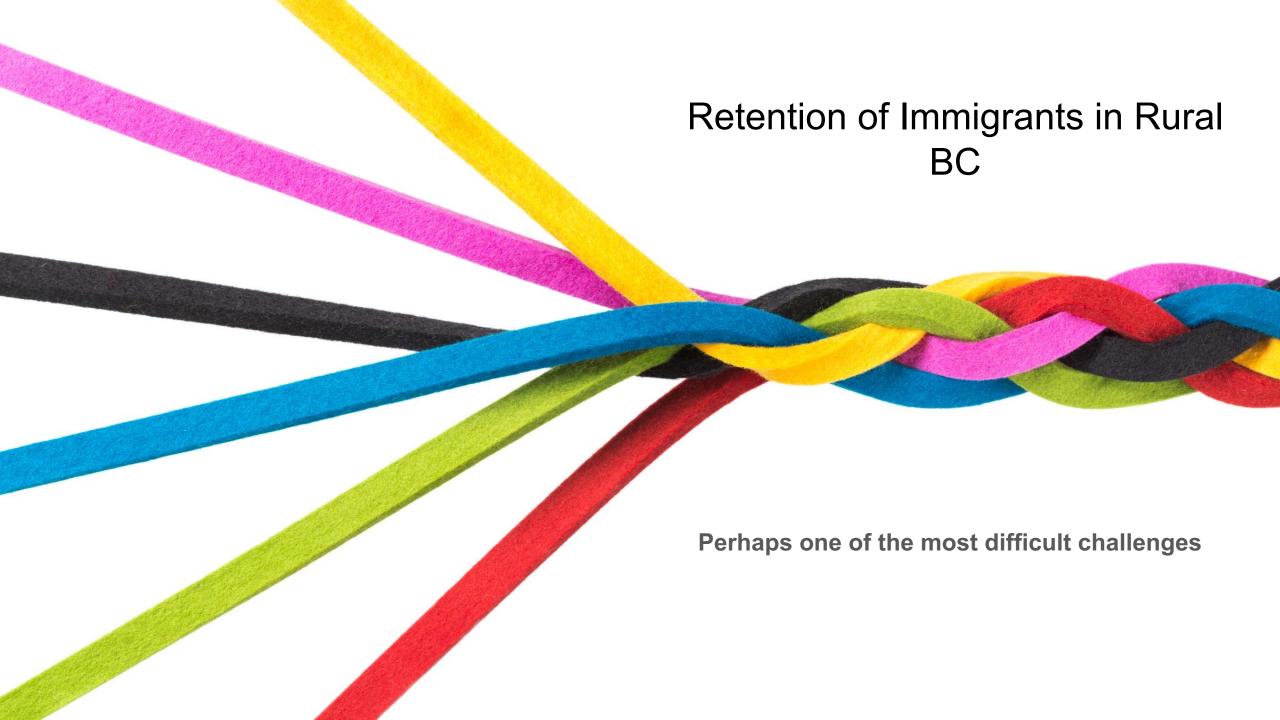
- Alternative living spaces due to the urban housing crisis

- New residents bring economic activity and demand for local services

- Challenges:
 - Housing
 - Support for growing communities





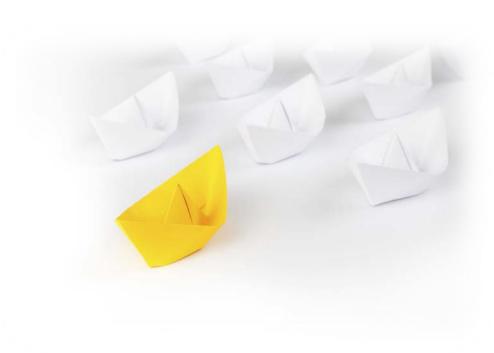


Recruitment Facilitators Haugen et al. (2024)

- The perception of a place or community image
- The presence of family or friends and other immigrants
- Employment opportunities
- Educational opportunities
- Access to cultural and religious amenities
- Lower crime rates
- Lower cost of living

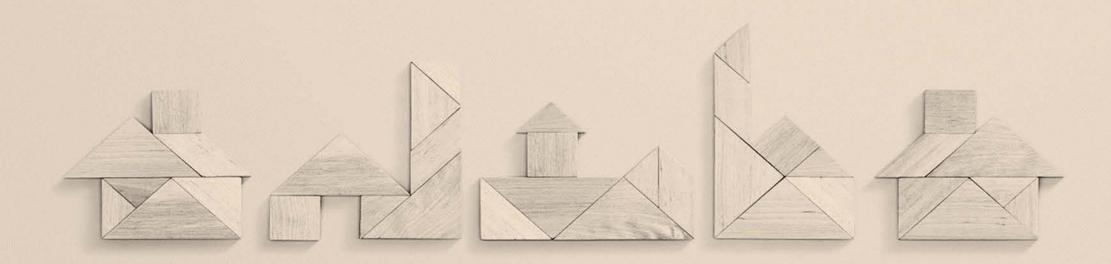
Retention Facilitators Han et al. (2023)

- Government support programs
- Extended family networks
- Ethnicity
- Previous work experience in rural environments
 - Education Experience
 - Part-time or seasonal job experience prior to move



Immigrant Settlement Challenges in Less-Populated Areas Drolet & Teixeria (2020)

- 1. Housing
- 2. Language Barriers
- 3. Employment
- 4. The lack of cultural and ethnic diversity
- 5. Distance of rural places from urban centres



Insights and Actions

Rural tourism growth

Immigration/migration trend

What do we want? How do we plan it?





Thank you!

Rural Tourism Research @ Vancouver Island University

Farhad.Moghimehfar@viu.ca



Anticipating Emerging Challenges

The best way to predict the future is to create it.

-Peter F Drucker





Introduction

1 Rural Significance

Vital for food production, natural resources, and cultural heritage

2 Sustainable Development

Anticipating challenges crucial for long-term rural prosperity, sustainability, and quality of life

3 Proactive Planning

Addressing emerging issues before they become critical problems

Current State of Rural Communities

| Demo | grap | hics |
|------|------|------|
| | ששים | |

6.6 Million people live in rural BC

Economy

Agriculture, forestry, and tourism are key industries

Health & Education

Lower access to services compared to urban areas



Emerging Challenges Overview



Foresight

Identifying potential future issues



Complexity

Interconnected nature of rural challenges



Preparedness

Building resilience through early action



Economic Challenges

1

Industry Decline

Traditional sectors facing closures

2

Job Scarcity

Limited employment options leading to outmigration

Automation Impact

Technology reshaping labour needs in rural industries

Environmental Challenges

Climate Change

Increased frequency of extreme weather events

Resource Management

Balancing conservation with economic needs

Sustainable Practices

Implementing sustainable farming and forestry methods

Water Scarcity

Managing limited water resources effectively



Health and Well-being

1 Healthcare Access

Limited medical facilities and specialist care

Mental Health

Isolation and limited support services

Substance Abuse

Rising concerns in some rural communities

4 Ageing Population

Increasing demand for elderly care services



Educational Barriers

Quality Education

Attracting and retaining qualified teachers

Digital Divide

Limited access to high-speed internet and technology

Youth Retention

Encouraging young people to stay in rural areas



Infrastructure Challenges



Transportation

Maintaining extensive road networks with limited funds



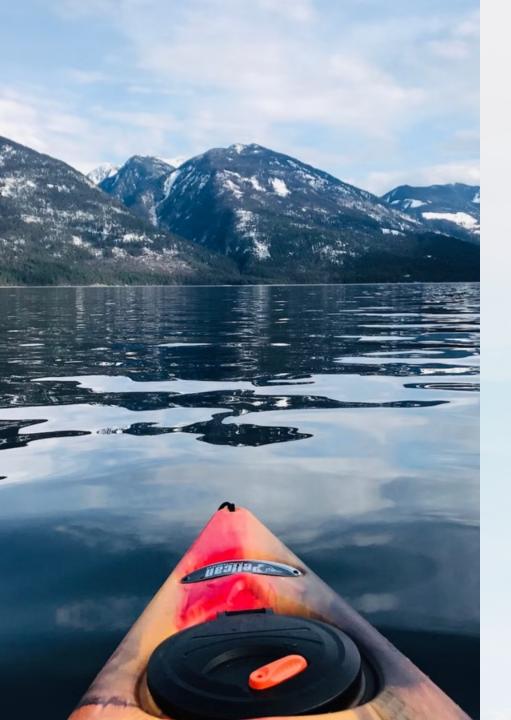
Connectivity

Expanding broadband access to remote areas



Community Facilities

Upgrading ageing public buildings and services



Policy and Governance Issues

Rural Representation

Ensuring rural voices in policy-making processes

Funding Allocation

Equitable distribution of resources to rural areas

Local Leadership

Developing strong, informed community leaders



Community Resilience and Adaptation

1 Capacity Building

Enhancing local skills and knowledge

- 2 Diversification

 Exploring new economic opportunities
- 3 Community Engagement

 Fostering strong social networks and volunteerism
- 4 Innovation

 Encouraging creative solutions to rural challenges



Conclusion

Proactive Approach

Addressing challenges before they become crises

Collaboration

Partnerships between government, NGOs, and communities

Innovative Solutions

Embracing technology and new ideas

Resilient Future

Building adaptable, sustainable rural communities

Questions & Discussion



Your Insights

Share your experiences and perspectives



Ideas

Propose innovative solutions for rural challenges



Collaboration

Explore opportunities for partnerships and joint efforts







Building Climate-Resilient Riverscapes by Partnering with Nature

UBCM Convention Vancouver, BC

Jeff Anderson, M.Sc.

Fluvial Geomorphologist, Geomorphic Consulting Ltd.

Located on the unceded territory of the Wet'suwet'en People

Utah State University, Watershed Sciences, Ph.D. Candidate

Ecogeomorphology & Topographic Analysis Laboratory (ET-AL)

Located on the traditional homelands of the Shoshone-Bannock and Eastern Shoshone

September 16 - 20, 2024



GEOMORPHIC CONSULTING LTD.





01

Riverscapes

02

Riverscape Health Principles

03

Riverscape Science 04

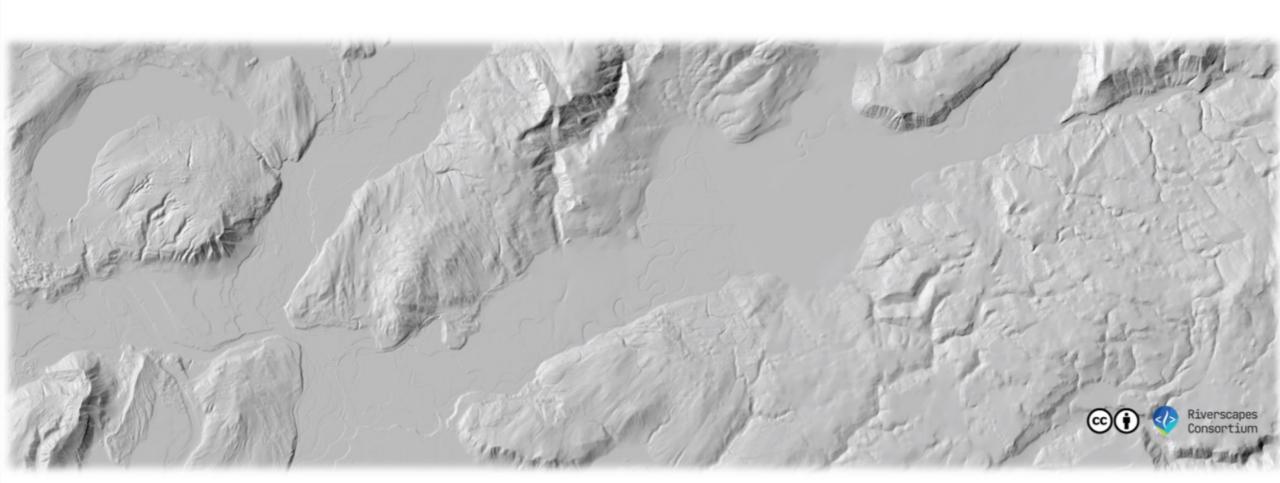
Nature-Based Land Management





What is a Riverscape?

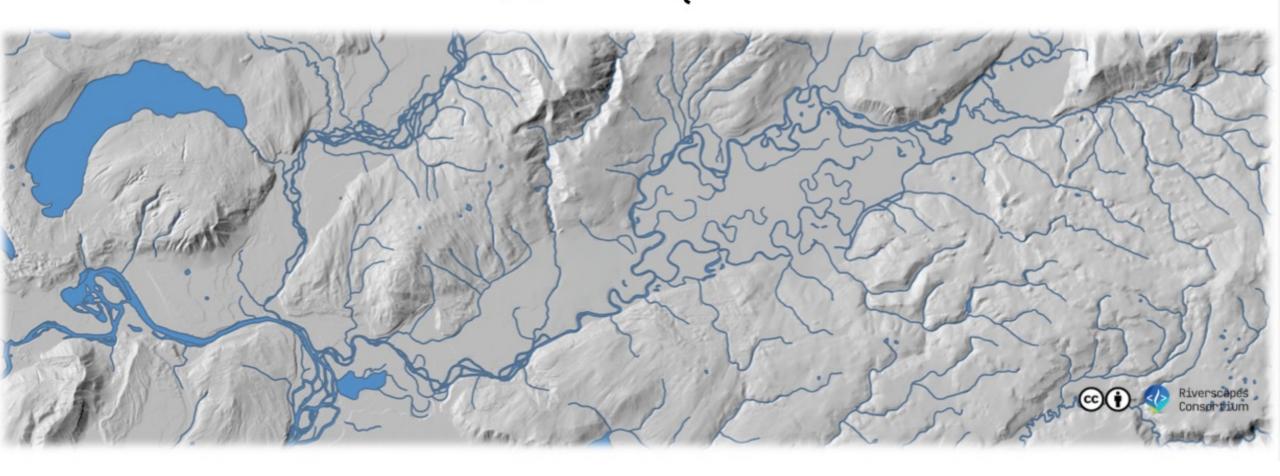




What is a Riverscape?



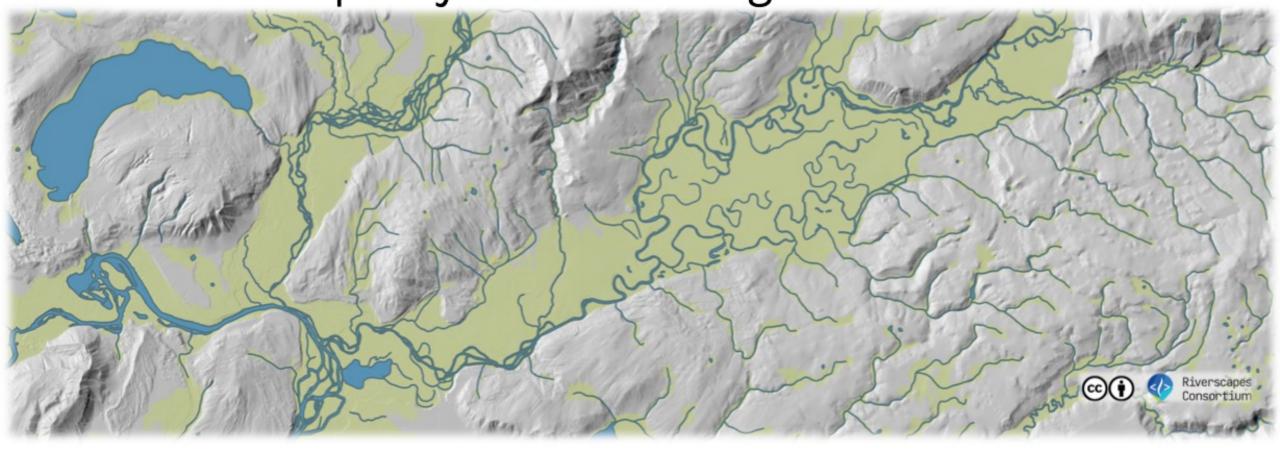
Clearly, they must include the rivers? Stream and river channel(s) and aquatic habitat..



We define a Riverscape as



the part of the landscape (connected network) that could plausibly flood by their rivers & streams in the contemporary natural flow regime.



Some riverscapes are easy to read (P) Adapted from Figure 1.2 of Shahverdian et al. (2019) – Chapter 1 LTPBR Manual DOI 10/1814/0/RGI2



Context: Healthy Riverscapes are in Global Decline



Result: Increasing severity of Flood & Drought events





Riverscape Health Principles

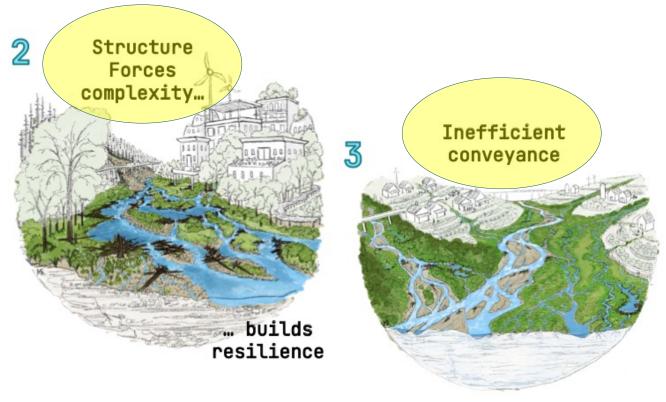




Healthy riverscapes:

- Support greater biodiversity
- Self-sustaining natural infrastructure
- Easier co-existence & adaptation

Principles of Healthy Riverscapes ...



How important are these principles in each riverscape?

It depends... f(?) - Context matters!

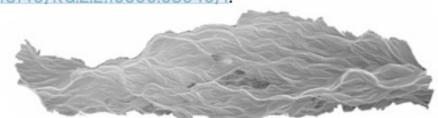


1 Streams need water & space

Water is the lifeblood of a riverscape. Its movement through the landscape brings it life, brings and expends energy.

Healthy streams are dynamic, regularly shifting position within their valley bottom, re-working and interacting with their floodplain. Allowing streams to adjust within their valley bottom *space* is essential for maintaining functioning riverscapes.

From Wheaton et al. (2019) - LTPBR Manual DOI: 10.13140/RG.2.2.19590.63049/1.





Streams need water & space

Ideas of needing space:

- "The Erodible River Corridor" Piegay et al. (2005) DOI: 10.1002/rra.881 & Piegay et al. (1997)
- "Channel Migration Zones" Rapp & Abbe (2003)
- "Ruimte voor de Rivier" (Room for the River) – Netherlands mid 2000s
- Mapping Valley Bottom for River Styles

 Brierley & Fryirs (2005)
- "Freedom Space" Biron et al. (2014) DOI: 10.1007/s00267-014-0366-z
- "Natural Flood Management" Lane et al (2017) DOI: 10.1002/wat2.1211
- "Fluvial Hazard Zone" Blazewicz et al. (2020)









Space to be a River(scape)

- For river styles that have naturally high lateral capacities for adjustment, they need the space to exercise, and process the meals delivered to them
- Erosion is NOT always bad! Erosion and deposition are natural forms of adjustment (i.e. exercise) -

2 Structure forces
 complexity &
 builds
 resilience

Structural elements such as beaver dams and large woody debris force changes in flow patterns that produce physically diverse habitats. Physically diverse habitats are more resilient to disturbances than simplified, homogeneous habitats.



2 Structure forces complexity & builds

That structure comes in many forms:

resilience

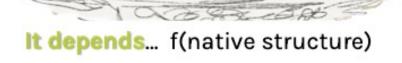
- Woody jams
- Beaver dams
- Rhizomatus root mats
- Rock outcrops
- **Boulders**

RHIZOMATUS PLANT



Typical metrics of structure

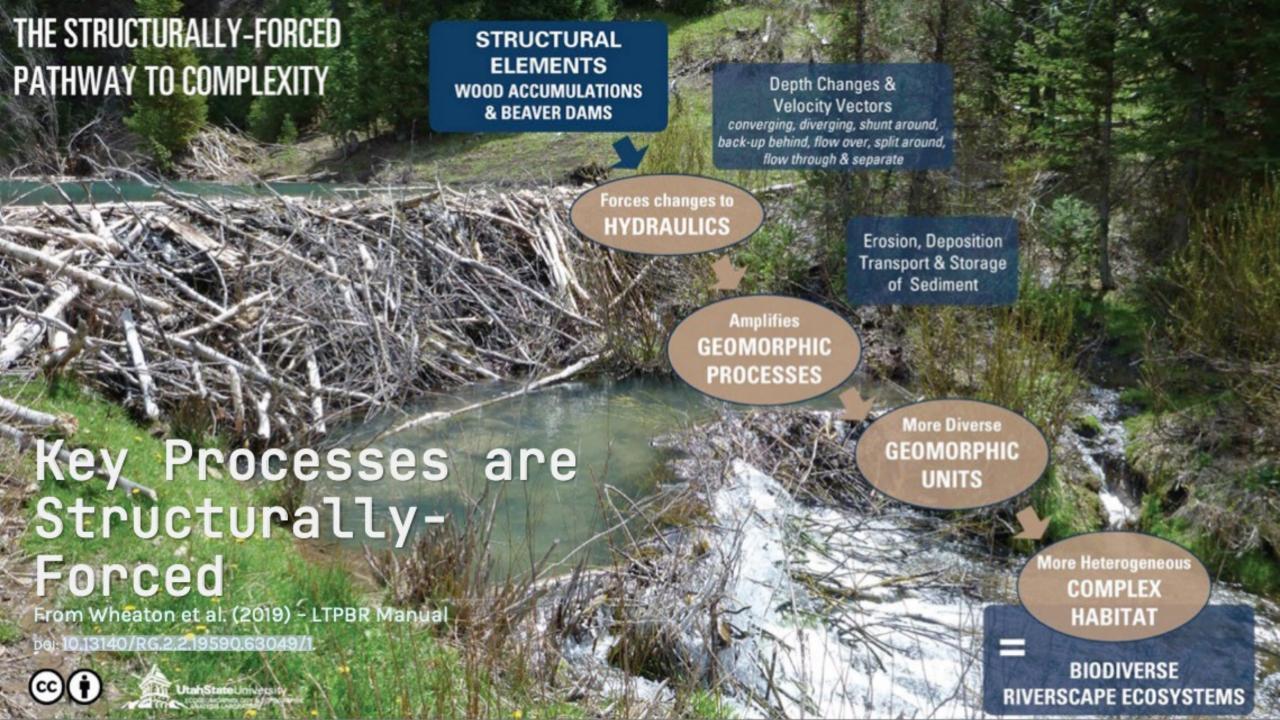
Dams/length (of channel or riverscape) # Jams/length (of channel or riverscape) % "Riparian" or wet meadow or wetland proportion of valley bottom area











2 Structure forces
complexity &
builds

resilience

"The capacity to recover quickly from difficulties, toughness." The lack of sensitivity to disturbance

The disturbances we fear (resilient to)







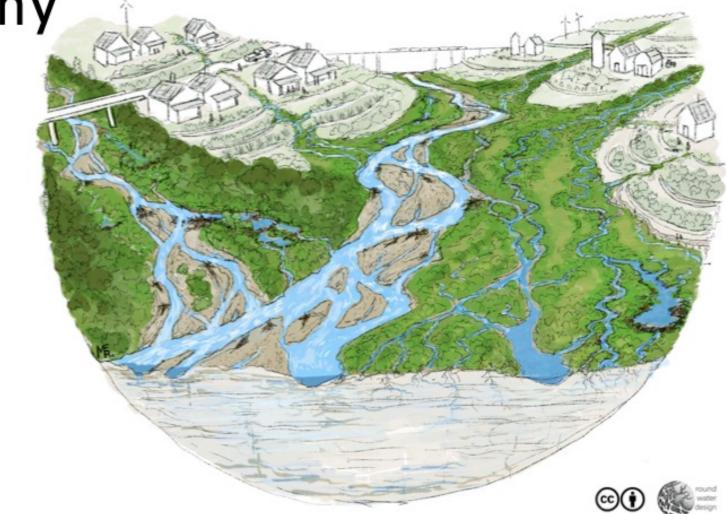


Flooding



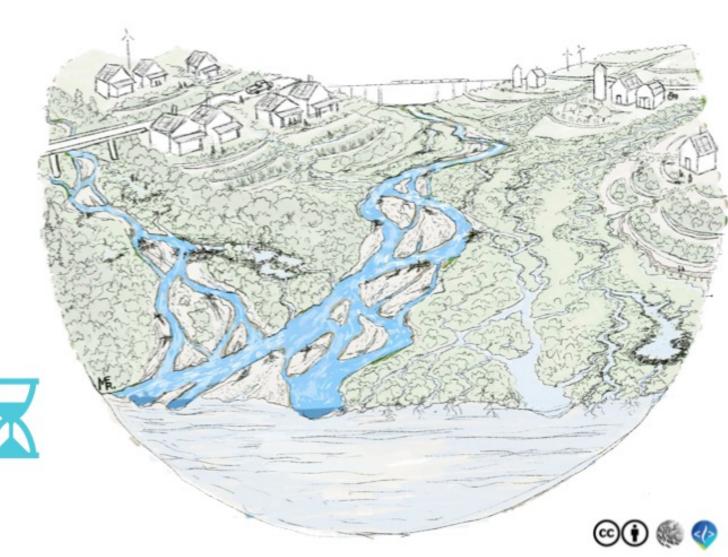
3 Inefficient Conveyance of Water is Healthy

"Hydrologic inefficiency" is the hallmark of a healthy system. More diverse residence times for water can attenuate potentially damaging floods, fill up valley bottom sponges, and slowly release that water later elevating baseflow and producing critical ecosystem services.



3 Inefficient is quite varied

Some water is moving rather quickly, with short residence times...

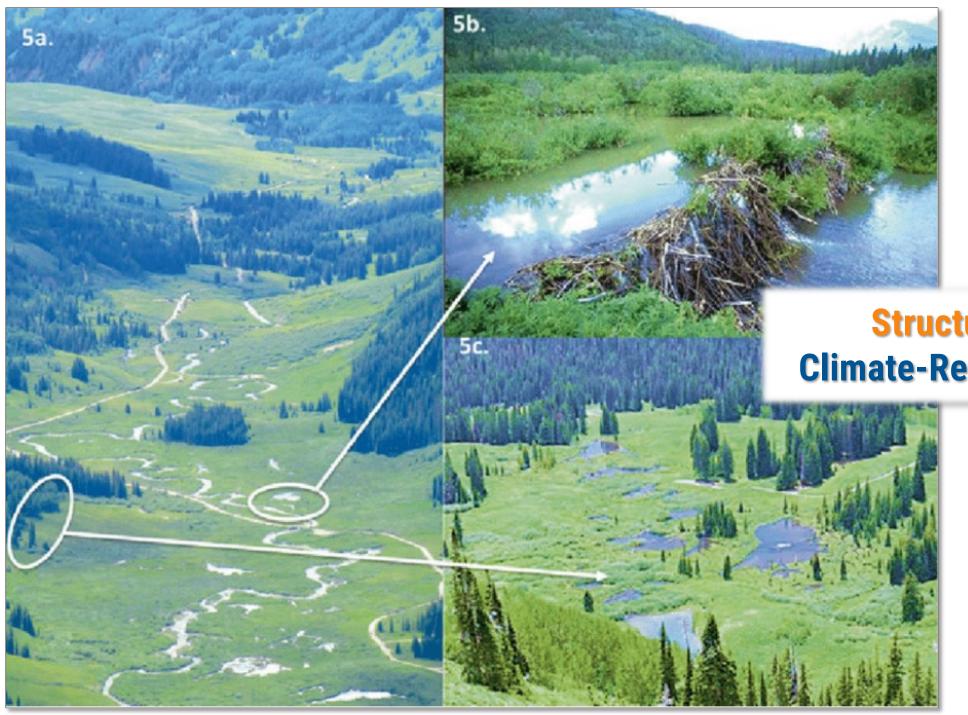


3 Inefficient is quite varied

Some water is moving rather slowly, with long residence times...

And some moves really slowly, with very long residence times...







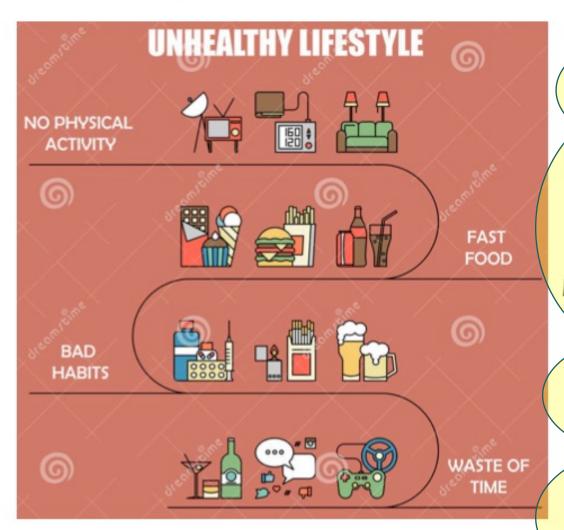
Structurally-Forced Climate-Resilient Riverscapes

Resilient to:

- Flooding
- Drought
- Wildfire

One of the values of articulating healthy is to recognize unhealthy

- Work backwards through principles
- What we have done in and through riverscapes that lends to unhealthy "lifestyles" for riverscapes?



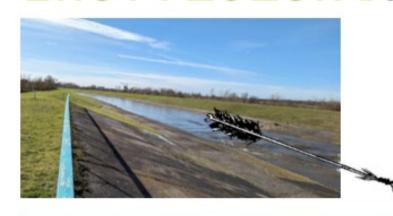
No **space** to exercise (flood & adjust)

Poor *diet* starved of structure & overloaded with artificial preservatives (e.g. rip rap)

Excess energy spent in wrong places

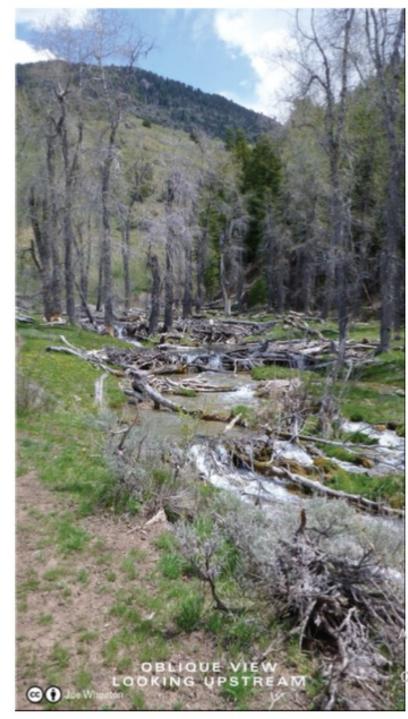
Well intended but wasted management actions

Which one wins race? Efficient or Inefficient?













dapted from figure 2.3 from Wheaton et al. (2019, p 62)

Chapter 2 LTPBR Manual for Principles

DOI: 10.13140/RG.2.2.34270.69447



Structurally Starved Riverscapes

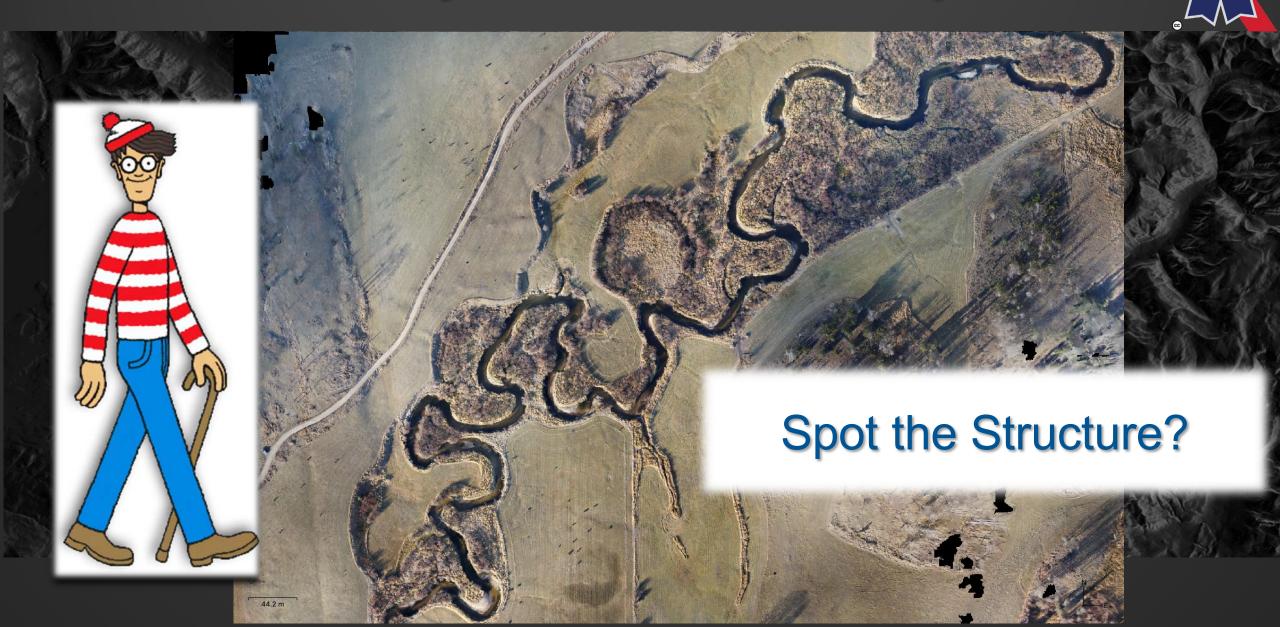






"...efficient conveyance of water....is NOT healthy"

Structurally Starved Riverscapes



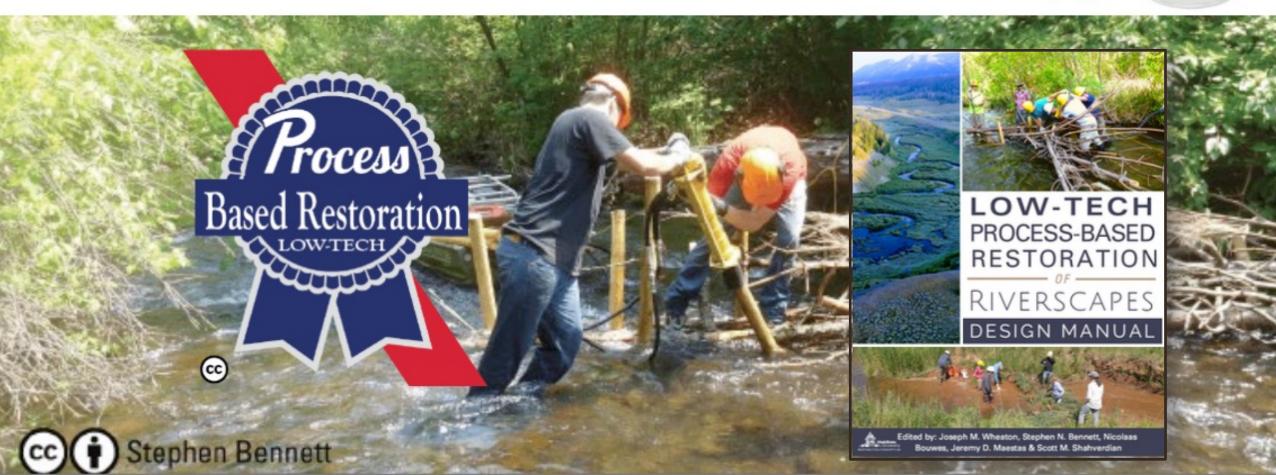


The "P" in Process-Based Restoration (PBR)?

Just a brand or some science?







Partnering with Nature



The Beaver Restoration Guidebook

Working with Beaver to Restore Streams, Wetlands, and Floodplains

Version 2.0, June 30, 2017



Photo credit: Worth A Dam Foundation (martinezbeavers.org)

Prepared by

US Fish and Wildlife Service National Oceanic and Atmospheric Administration University of Saskatchewan US Forest Service

Funded by

North Pacific Landscape Conservation Cooperative

Janine Castro
Michael Pollock and Chris Jordan
Gregory Lewallen
Kent Woodruff

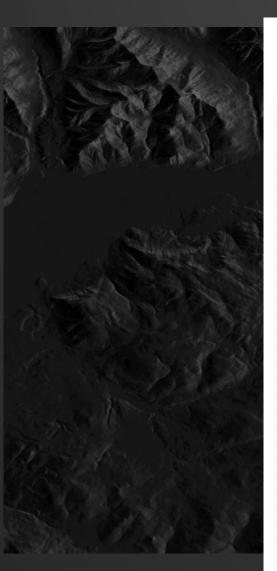




Nature-Based Toolkit: Beavers, Wood & Water

Partnering with Nature (Instream Wood)





Evidence for structural starvation... Conceptualization of Wood Accumulation Processes

Verview Articles

The Natural Wood Regime in Rivers

ELLEN WOHL, NATALIE KRAMER, VIRGINIA RUIZ-VILLANUEVA, DANIEL N. SCOTT, FRANCESCO COMITI, ANGELA M. GURNELL, HERVE PIEGAY, KATHERINE B. LININGER, KRISTIN L. JAEGER, DAVID M. WALTERS, AND KURT D. FAILSCH

The natural wood regimes forms the third leg of a tripod of physical processes that supports rives science and management, along with the natural flow and sadiment regimes. The wood regime consists of wood recruitment, transport, and stengie in rives crotificas. Each of these components can be characterized in terms of magnitude, frequency, rate, timing, duration, and mode. We distinguish the natural word regime, which no occurs where human activities do not significantly allot the two ord regime, and a target wood regime, in which magnitude regimes are not significantly almost the wood regime, and a target wood regime, in which regimes are not always to the recruitment, transport, and storage that balance desired geomorphic and cological characteristics with mitigation of wood-related hazards. Wood regimes way across space and through time but can be inferred and quantified wide direct measurements, reference sites, historical information, and numerical modeling. Classifying wood regimes with respect to wood process domains and quantifying the wood budget are valuable tools for assessment and management rives.

Keywords: large wood, ecological integrity, geomorphic function, biodiversity, river corridor

Classic geomorphic conceptualizations of rivers focus exclusively on interactions between water and sediment (e.g., Lane's balance: Lane 1955). Although water has sometimes been accorded dominance as a driving force on river process and form, the importance of sediment supply is also widely recognized. Boundary resistance to erosion is a fundamental influence on river process and form, and in this context, the role of riparian vegetation is now well acknowledged, especially for low energy rivers (Gurnell et al. 2012, Gurnell 2014, Corenblit et al. 2015). Analogously, the effect of upland vegetation on sediment inputs to rivers is traditionally recognized for its role in limiting surface erosion and hillslope mass movement (e.g., Schumm 1968). The fundamental influence of vegetation as a geomorphic agent and as a source of wood to rivers is much less widely recognized in foundational literature, likely because of the long history of wood removal from river corridors by humans (Triska 1984, Montgomery et al. 2003, Wohl 2014), This last point is worth emphasizing: Historical descriptions of forested regions throughout the temperate latitudes indicate that orders of magnitude more wood were present in most forested river corridors prior to widespread deforestation and wood removal from river corridors for navigation and flood mitigation (Sedell and Froggatt 1984).

noot mitgation (sedeti and rroggati 1944).

In the context of this increasing knowledge of flow, sediment, and vegetation interactions, long-held arguments for the importance of a natural flow regime are based on the understanding that the geomorphic and ecological integrity of a river depend on its natural dynamic character. The original conceptualization of this dynamic character.

emphasized the importance of variations in fluxes of water through time (Poff et al. 1997). The conceptualization of a natural sediment regime broadened the consideration of a river's dynamic character to reflect the importance of water and sediment interactions and sediment fluxes (Wohl et al. 2015). These two conceptual models recognize that centuries of human activities have created diverse changes in rivers, including alteration of natural flow and sediment regimes. These alterations have resulted in extensive ecological degradation and loss of biodiversity. Human activities on land and along rivers have also extensively changed and reduced important functions that include wood characteristics in river corridors. Alterations in the wood regime, however, are rarely recognized compared to the attention given to altered water and sediment regimes. In the present article, we argue that understanding the natural wood regime forms the third leg of a tripod supporting the physical processes underlying river science and management, along with the natural flow and sediment regimes. We define the wood regime in terms of the magnitude, frequency, rate, timing, duration, and mode of wood recruitment, transport, and storage.

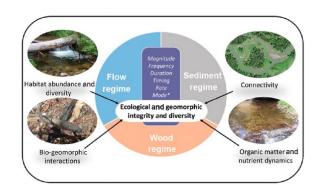
Large wood traditionally refers to downed, dead pieces greater than 10 centineter in diameter and 1 meter in length. Aggregates of smaller wood pieces (Culp et al. 1996, Galia et al. 2018) and living wood within the river corridor (Gurnell and Petts 2002, Gunnell et al. 2008), disperman et al. 2008) also create important physical and ecological effects in river corridors. As a fundamental component of trees, wood contributes to the overall role of vegetation in driving forested river corridor form and function (Makes and Sceddle).

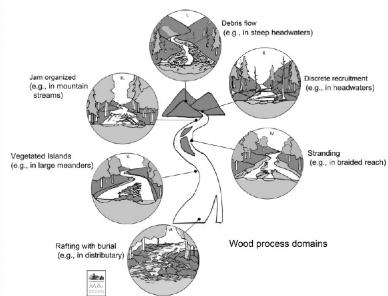
BioScience @. 259-273. © The Author(s) 2019. Published by Oxford University Press on behalf of the American Institute of Biological Sciences. All rights reserved, For Permissions, please—mail: journals.permissions@oup.com.

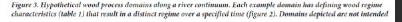
https://academic.oup.com/bioscience

April 2019 / Vol. 69 No. 4 • BioScience 259

DOI: 10.1093/biosci/biz013









Partnering with Nature (Instream Wood)





Science Behind Wood Accumulation

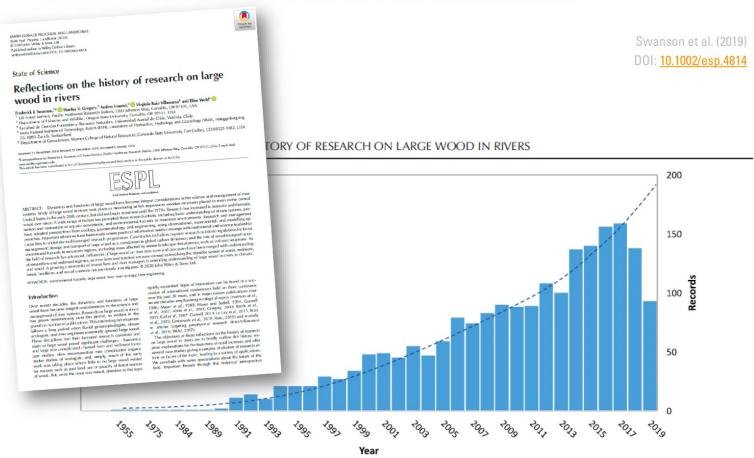


Figure 1. Annual number of articles published in English with the keywords 'wood*' (using the * includes other words such as 'woody') and 'river', and excluding papers published in unrelated fields (e.g. agriculture, archaeology, arts, biochemistry) found in the ISI Web of Sciences (last accessed 8 August 2019) (n = 2034). [Colour figure can be viewed at wileyonlinelibrary.com]

Wheaton et al., 2019



Partnering with Nature (Instream Wood)



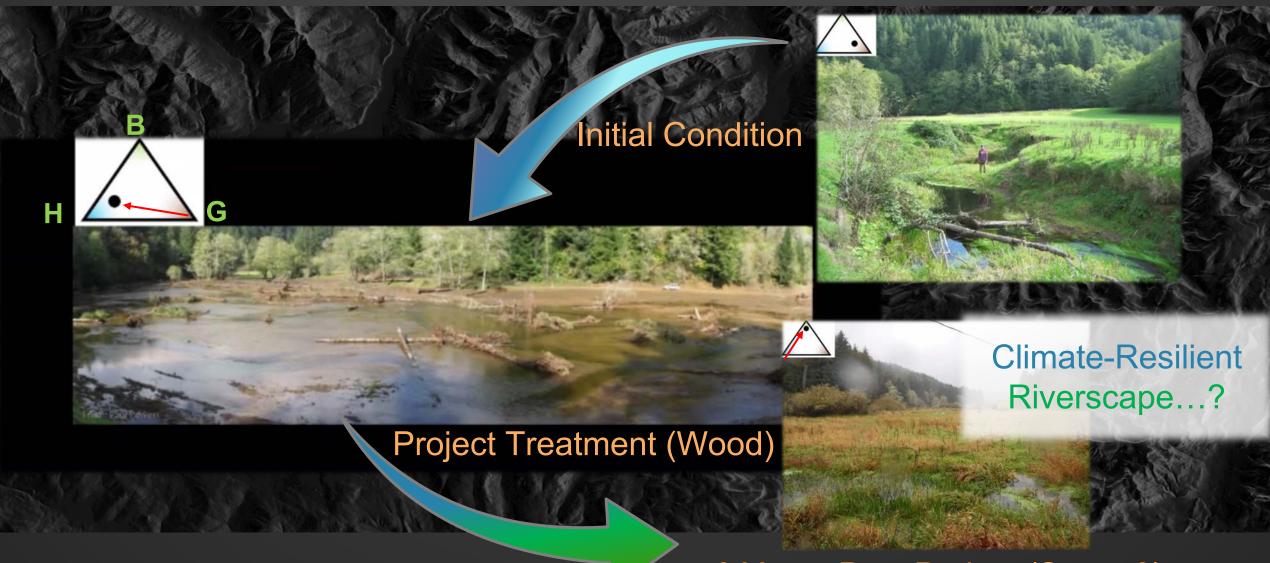


Using large wood to:

- Rewet the floodplain
- Attenuate peak flow
- Habitat creation

Partnering with **Nature** (Instream Wood)

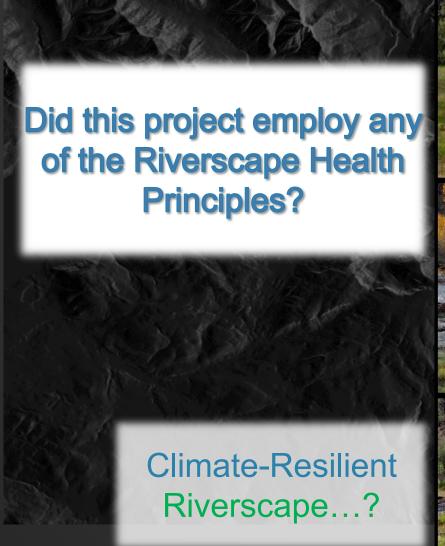


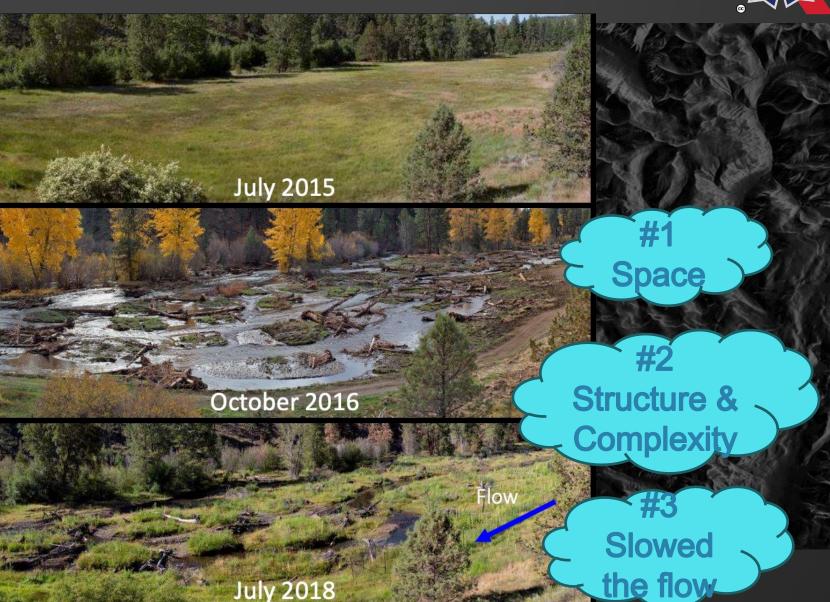


3 Years Post Project (Stage 0)

Partnering with Nature (Instream Wood)

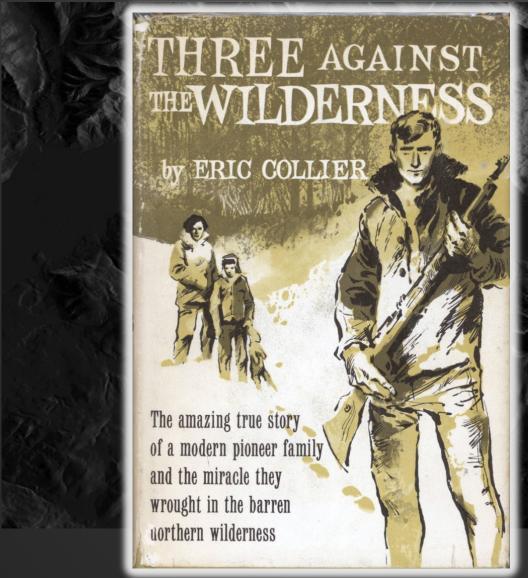






Partnering with Nature (Beavers)





Circa 1930 - 1955 Eric, Lillian & Veasy Collier Meldrum Creek, BC Chilcotin Plateau

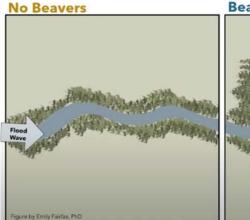
Now a California State University Professor Watch this



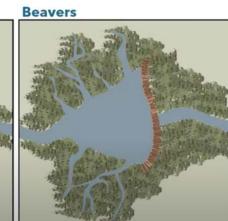




Beavers dampen flood waves.



♦ ■ □ ≥ ∷



Smokey the Beaver: A Webinar for the U.S. Forest Service by Dr. Emily Fairfax

0:08 / 1:05:13

560 views • Feb 2, 2020

■ 13 ■ 0 → SHARE = SAVE

Partnering with Nature (Beavers)











Beaver: The North American freshwater climate action plan

Chris E. Jordan, Emily Fairfax X

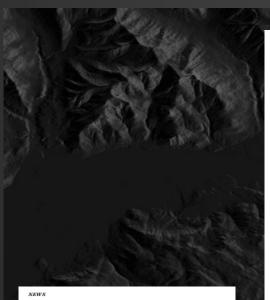
First published: 28 April 2022 | https://doi.org/10.1002/wat2.1592 | Citations: 7

The scientific results and conclusions, as well as any views or opinions expressed herein, are those of the authors and do not necessarily reflect the views of NOAA or the Department of Commerce.

Edited by: Jan Seibert, Editor-in-Chief

Partnering with Nature (Beavers)





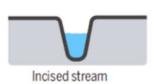
FEATURES



BEAVERS.

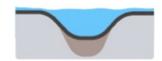
Artificial beaver dams are a hot restoration strategy, but the projects aren't always welcome

By Ben Goldfarb, in the Scott Valley, California

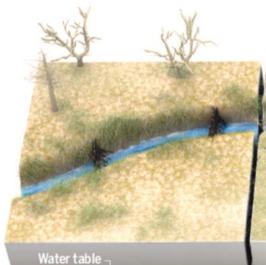


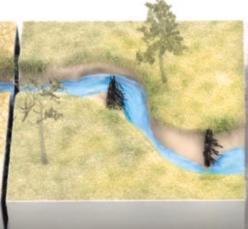
A stream comes back to life

Across the U.S. West, scientists and land managers are using beaver dam analogs (BDAs) to heal damaged streams, re-establish beaver populations, and aid wildlife. In some cases, researchers have seen positive changes in just 1 to 3 years.



Restored stream







Adding dams

BDAs can help.

Beaver trapping and overgrazing have caused countless creeks to cut deep trenches and water tables

Widening the trench

BDAs divert flows, causing streams to cut into banks, widening the incised channel, and creating a From Sojenge hottp://sojenge.sciengemageorg/content/369/6393/ the stream bed.

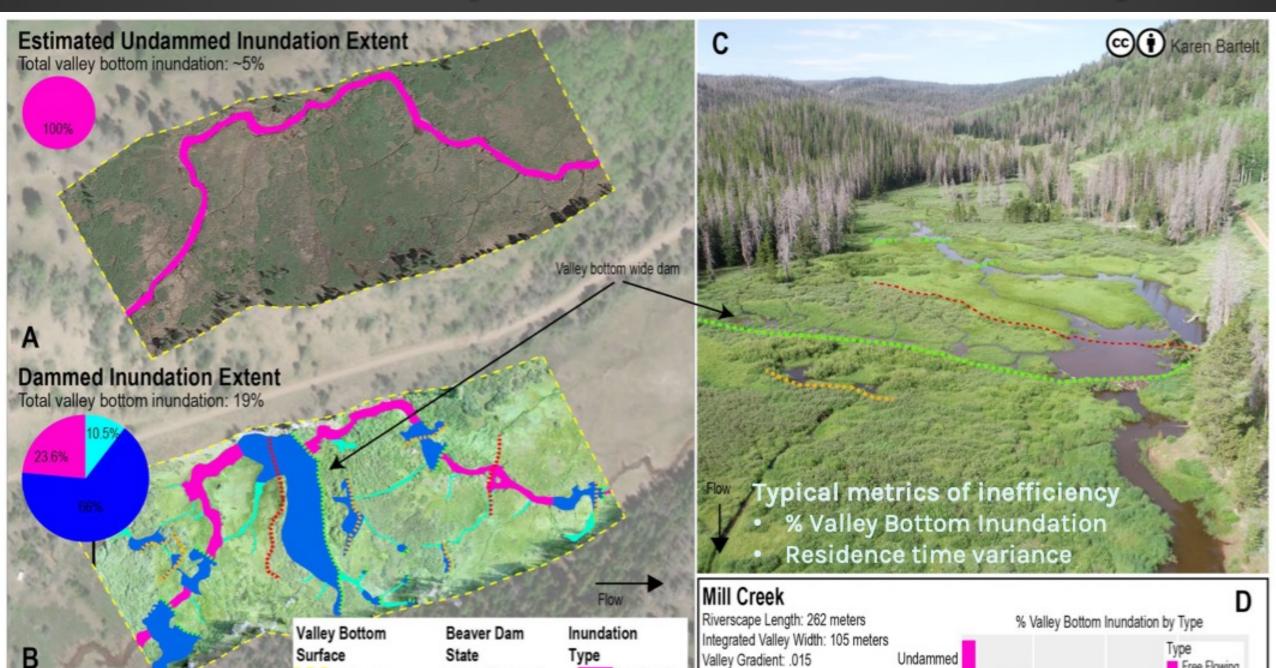
Beavers return

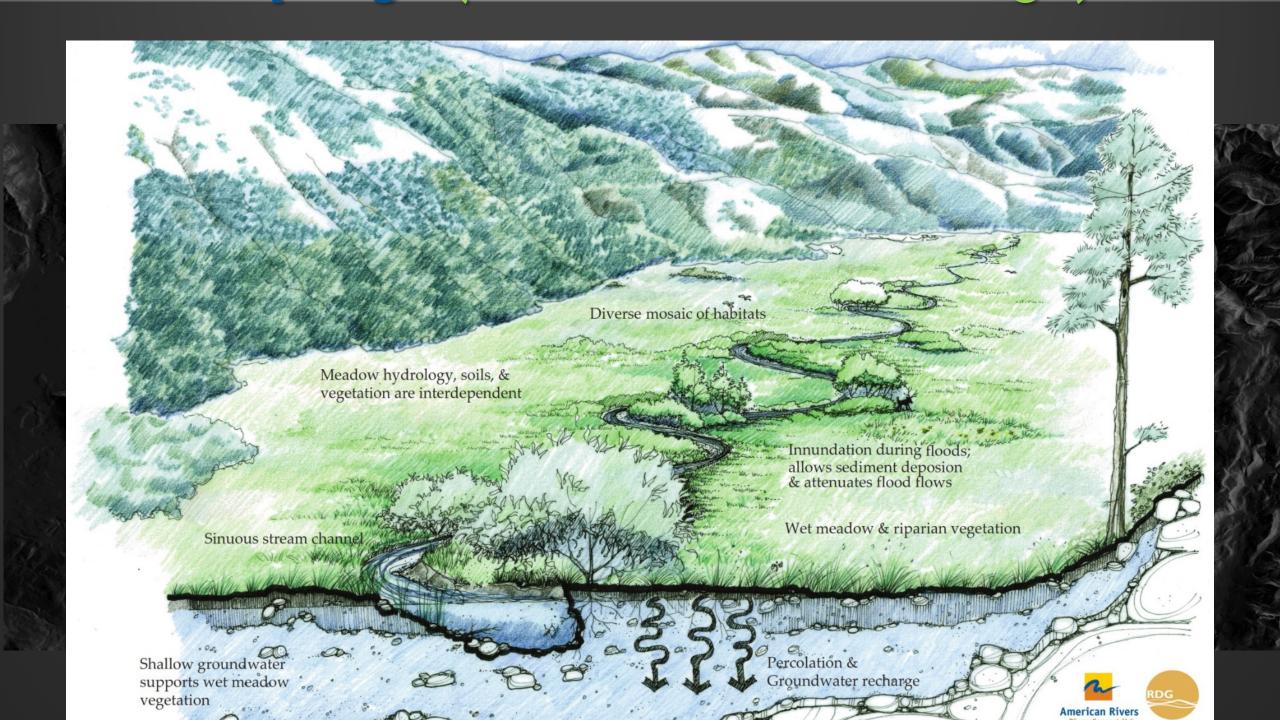
As BDAs trap sediment, the stream bed rebuilds and forces water onto the floodplain, recharging 1 @ andwater. Slower flows allow beavers to recolonize.

A complex haven

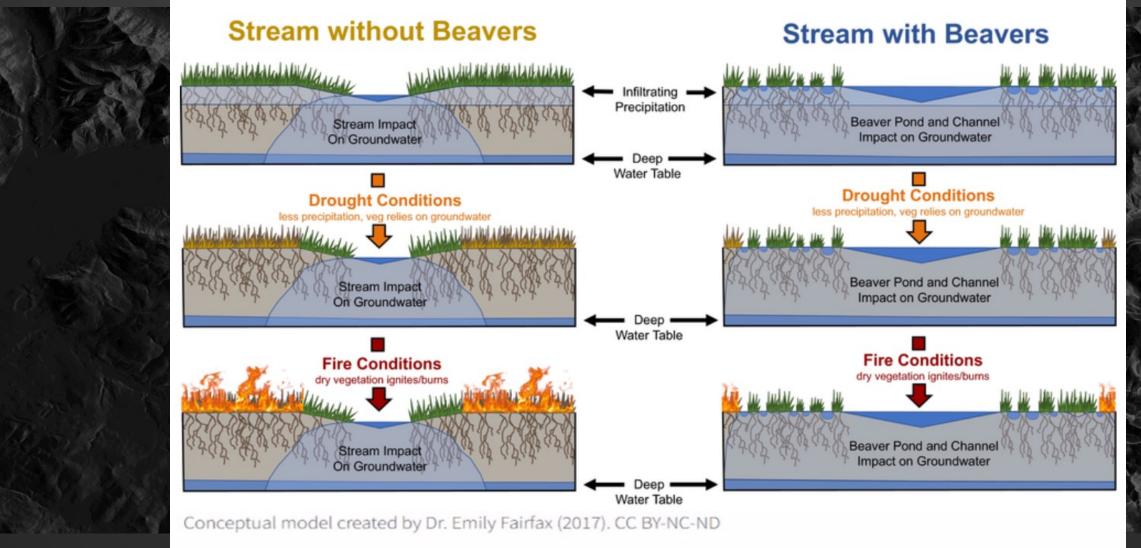
Re-established beavers raise water tables, irrigate new stands of willow and alder, and create a maze of pools and side channels for fish and wildlife.

inetticient Conveyance of Water is Healthy, 4





Partnering with Nature (Beavers)





BEAVERS AND DROUGHT: THE COOL, GREEN OASIS

Nature-Based Land Management





For the Benefit of Both People and Nature



Nature-Based Land Management







- Principle #1 Streams need space
- Principle #2 Structure forces complexity
 & builds resilience
- Principle #3 Slow the flow

Partnering with Nature



The Beaver Restoration Guidebook

Working with Beaver to Restore Streams, Wetlands, and Floodplains

Version 2.0, June 30, 2017



Photo credit: Worth A Dam Foundation (martinezbeavers.org)

Prepared by

US Fish and Wildlife Service National Oceanic and Atmospheric Administration University of Saskatchewan US Forest Service

Funded by

North Pacific Landscape Conservation Cooperative

Janine Castro
Michael Pollock and Chris Jordan
Gregory Lewallen
Kent Woodruff





Nature-Based Toolkit: Beavers, Wood & Water

Nature-Based Land Management



Received: 10 November 2020 Revised: 14 June 2021 Accepted: 15 June 2021

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FOCUS ARTICLE



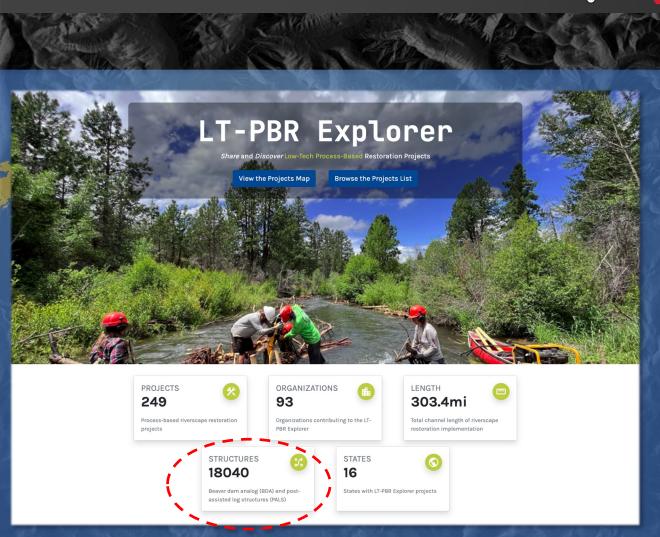
Managing floodplains using nature-based solutions to support multiple ecosystem functions and services

Jiří Jakubínský¹ | Marcela Prokopová¹ | Pavel Raška² | Luca Salvati³ Nejc Bezak⁴ | Ondřej Cudlín¹ | Pavel Cudlín¹ | Jan Purkyt¹ | Paolo Vezza⁵ | Carlo Camporeale⁵ | Jan Daněk^{1,6} | Michal Pástor⁷ | Tomáš Lepeška⁸

Nature Based Approaches Being Applied Globally

- USA
- France
- Italy
- Slovakia
- Czech Republic

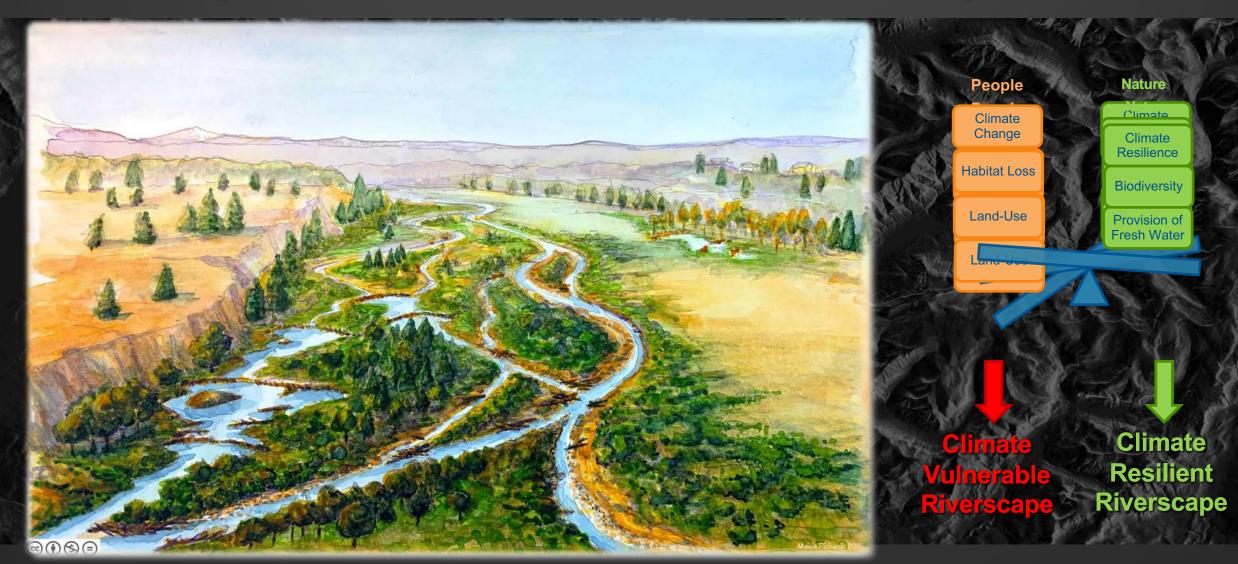
- Australia
- Mexico
- U.K.
- Canada
- New Zealand



LTPBR in 10 Countries & 16 States in the USA

Building Climate-Resilient Riverscapes





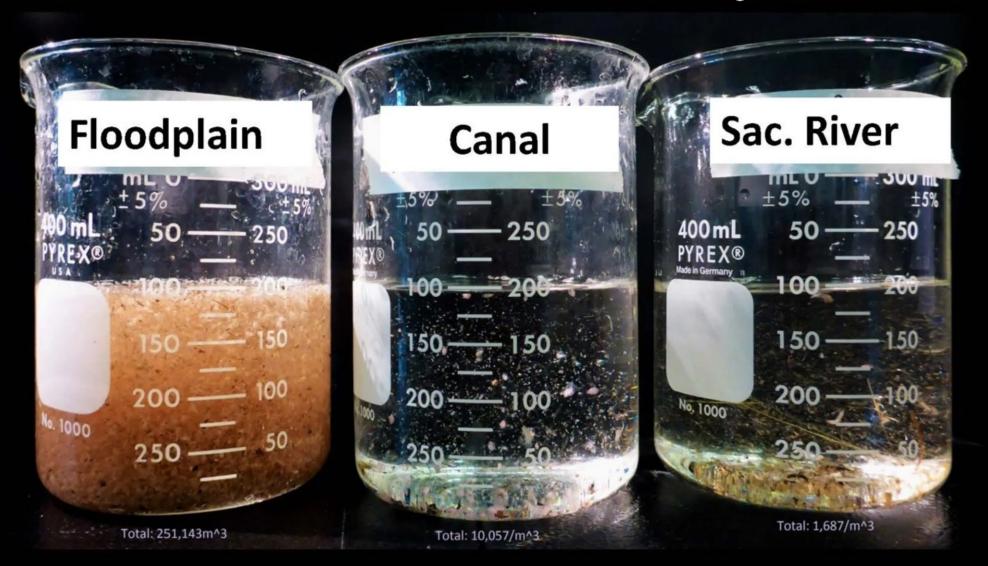
Structurally Diverse Land Management





(From: Jeffres et al., 2020)

The Food is on the Floodplain



Bug 149x

6x

X

Structurally Diverse Land Management



For the Benefit of Both People and Nature

Thank you...





GEOMORPHIC CONSULTING LTD.



Based Restoration



Community Futures British Columbia

Working Together to Strengthen
Our Regional Economies

Presentation to

The UBCM 2024 Conference

4 Goals for this 30 min

- 1. Inform you that these are your 34 CF's offices,
 - brief overview of Community Futures
 - where we are located / why we do what we do
- 2. Mission: go back to your community, find us, connect with your CF Office
- 3. <u>Ask</u> ask what has <u>my</u> CF been up to in my community? What else can we get them to do? Is their a particular mission for my community they can help with? Volunteer to to sit on a committee or board
- 4. <u>Stretch Mission</u> Partner with us on projects important to you and your organization or invite us into your tough conversations, see what we can do to help

Anyone heard of Community Futures before?

How many CF's are there located in BC?

How many CF's are located across Canada?

Anyone currently a director or past director?



Troy Dungate - Volunteer

Chair - CF Fraser Fort George

Chair - CF British Columbia

Chair - CF Pan West (4 Western Provinces)

Chair/President - CF National

75% as a lawyer in Prince George (day job)
75% of my other time Volunteering with CF (moonlight job)



Community Futures British Columbia

is a provincial association representing the 34 Community Futures Development Corporations (CFDCs) in British Columbia.

CF's: A community-based

Established in 1985 by the federal government

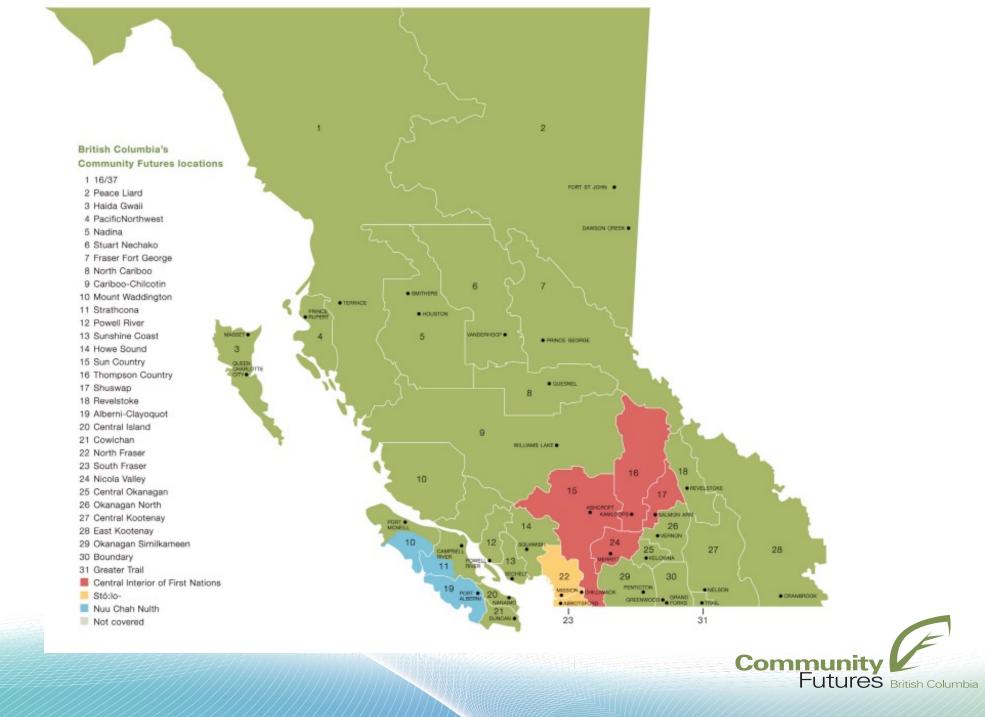
- There are 34 CF offices across British Columbia, including four Indigenous-exclusive offices
- We serve every rural community outside the Lower Mainland
- We've been operating continuously for the past 37 years



Each of your 34 CF units is:

- An independent, not-for-profit federal corp.
- Led by a team of volunteer board of 10 directors - Total 349 volunteers in BC
- 3-4 staff average Total 239 Staff dedicated and highly experienced business professionals
- Provide ground intel Extremely knowledgeable about community economic development issues in their communities





Federal Government context mandate

1.0 CONTEXT

Community Futures (CF) is a program that supports community economic development (CED) and builds the capacity of communities to realize their full sustainable potential.

The purpose of the CF Program is to help communities develop and implement local solutions to local problems. The program provides financial support to CF Organizations that, in collaboration with other partners and stakeholders, can assess their situation and develop strategies to meet their needs to provide support to small and medium-sized enterprises (SMEs) and Social Enterprises and to undertake appropriate community economic development initiatives.

Funded by Federal Government

Base Funding:

- each CF gets \$275,000 annually to operate
- loan portfolios were seeded at 1.5 million
- each then seeks out what its community needs and their volunteer board tasks them to find funding other places for those projects

Each 34 CF's

- Provides Business Services
- One-on-one business coaching
- Customized Business training and skill development
- Business plan review
- Succession planning

Required to do:

- 2 Community Economic Development Projects
- Can be very creative depending on the need of the area
 - two are opening health care clinics
 - One built and runs housing for new doctors
 - "are you kidding me" or ".....are you kidding me"



IMPACTFUL INNOVATION

Using Social Enterprise to Support Vibrant Rural Communities

Childcare Employment Supports **Funeral Home Fitness Centre** Cafe **Solar Farms** Recycling **Housing Developers Container Farms** Counselling Services

Each 34 CF's - Loans

All CFs deliver and manage loan products

Loans focus on small business and any issues in the community, forest or fish industries, youth and EDP (for example)

Loans to Entrepreneurs with Disabilities (750 supported last year 1.5 mil loans)

Local applicants and local decisions by committee banks have said no - Character - Capacity - Capital — Collateral - Conditions

Bigger loans CF's will band together – ex 10 CF's to loan 1.5 mil





- We are NOT a formula lender we are a developmental lender
 - We consider loans with higher levels of risk and we offer additional supports
 - •We consider community impact, strength of business plan and financial viability
 - We often support business that traditional lenders will not



Business Performance of Community Futures Loan Clients

2013-2018 study of Community Futures assisted businesses to similarly-sized incorporated companies in Western Canada,





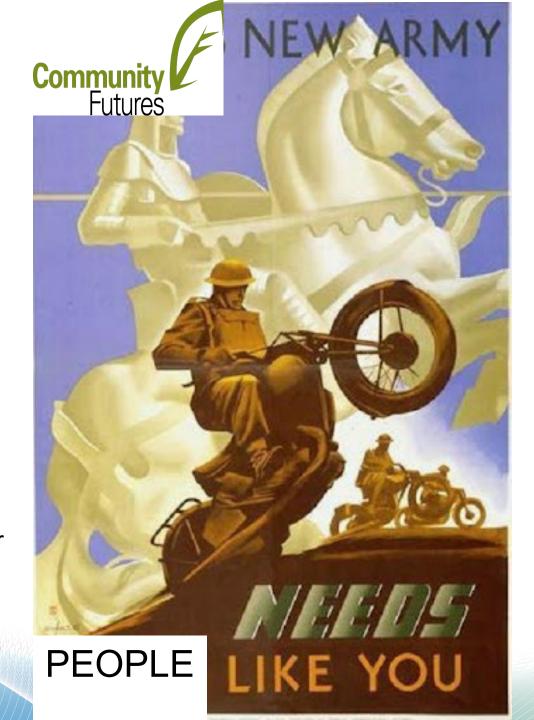


Volunteer as a director with us!!

Come work for us!!

Nationally:

1,270 staff members 2,945 committed volunteer board members. TOTAL 4,215



Director Training for Non-Profits

Community Futures Leadership Institute Board Development Modules in:

- •Community Economic Development
- •Operations Board and Staff
- •Legal Responsibilities of Boards
- •Financial Management of a Non-Profit
- •Board Development and Performance
- •Management, Recruitment, Performance, Evaluation and Development
- •:Board Leadership
- •Cultural Awareness
- Social Economy and Social Enterprise
- •Role of Planning
- •The Role of the Chair

Your CF may look small:

"It may look like I have a staff of 3 but I have 4,215 siblings that are an email away who can also <u>help</u> or <u>avenge us</u>"

We Work With Many Partners

- Chambers of Commerce
- Local Government Partners
- Small Business BC
- Innovation Societies HubSpaces
- Business Development Bank of Canada
- WorkBC
- The Trusts
- Futurpreneur
- Indigenous Development Corps
- Immigrant and Multicultural Services Society
- WeBC
- Regional Districts
- You
- Your organizations
- Your mothers non profit



Communit

And many more!

OUR IN IMPACT BC

Each year, Community Futures organizations have in BC:

- Disbursed approx. \$35 million in loans
- Helped create/maintain 1,500 jobs
- Leveraged an additional \$26.6 million from other partners
- Run 15 million in C.E.D. Projects, 600 Partners

Community Futures (CF)

We are your

Special Ops

in

Rural Economic Development



Community Futures Economic Response Portfolio

= 1

2023 Wildfires - BC Interior



2021 Wildfire - Lytton



2021 Atmospheric River - Fraser Valley



2020/21 COVID-19 Pandemic



2018 Flood - Grand Forks



2017 Wildfires - BC Interior

Provided supports to businesses in multiple communities

Set up & secured funding for Business Incubator; assisted numerous businesses; attracted new teachers to relocate; generated Needs Assesment reports

\$650,000 direct to business grants + over 200 businesses assisted

\$72.3 Million disbursed to business + 4,869 jobs saved + 2,338 businesses assisted

\$3.5 Million leveraged + 225 businesses assisted

\$3.16 Million leveraged + 4,390 businesses assisted







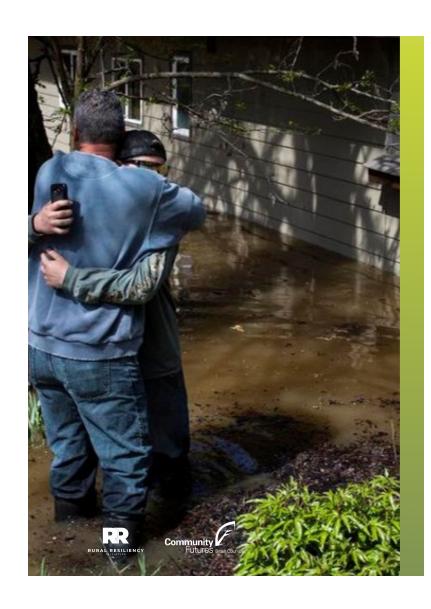
1

Recognizes the experience and successes of Community Futures in the area of disaster response & recovery.

2

Brings together and manages the disaster response & recovery resources in the Community Futures network. 3

Provides a system for Government to engage with Community Futures as a disaster response & recovery service provider.



What's in Progress

THE PLAYBOOK

Developing a "How To" resource document for the CF Network regarding EOC's and best practices for preparedness, response and recovery.

THE QUICK RESPONSE TEAM (QRT)

Developing and training a team of in-house subject matter experts available for deployment in communities to support local CF offices when disaster strikes.

Our Challenges

AWARENESS & RECOGNITION

Ensuring the Province and Local Governments are aware of Community Futures' experience in this area

FUNDING

To operationalize our Subject Matter Experts on our Quick Response Team

To ensure appropriate ongoing training for the Quick Response Team







Thank You!

Jennifer Wetmore

General Manager, Community Futures Boundary

jennifer@boundarycf.ca

604-289-4222







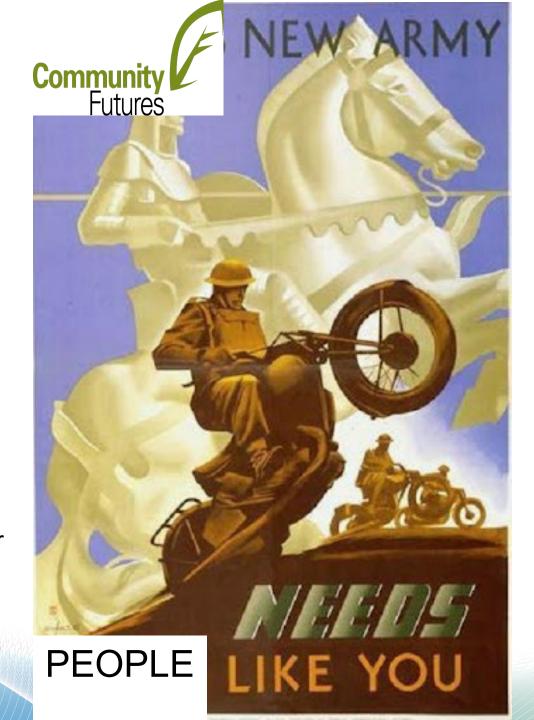
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We Want you!!

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THANK YOU

We look forward to our continued collaboration.

www.communityfuturesbc.ca



Big Brothers Big Sisters of Canada

In appreciation of our speakers today and with thanks for your contribution, UBCM has made a donation to the Big Brothers Big Sisters of Canada. Big Brothers Big Sisters of Canada has been championing the health and wellbeing of youth. They provide direct service to children by matching volunteers with youths in quality mentoring relationships to overcome adversities, helping them to do better in life.

