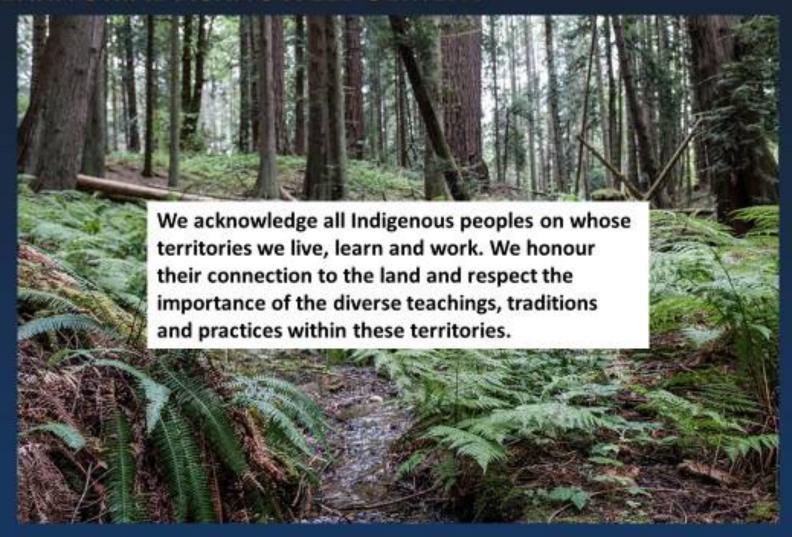


TERRITORIAL ACKNOWLEDGEMENT



Community Resiliency Investment Webinar Agenda



- Introductions
- FireSmart Focus & Disciplines
- Community Resiliency Investment (CRI) program
 - Crown Land Wildfire Risk Reduction (WRR)
 - FireSmart Community Funding & Supports (FCFS)
- 2021 CRI FCFS Program Overview & Changes for 2021
- Application Process & Forms
- Program Contacts
- Q&A

Community Resiliency Investment Introductions: BCWS, FNESS, UBCM



Moderator

Danyta Welch, Manager of Local Government Program Services,
 Union of BC Municipalities

Presenters

- Kelsey Winter, FireSmart Program Lead, BC Wildfire Service
- Kelly Osbourne, Fire and Fuel Management Officer, Prevention,
 BC Wildfire Service
- Peter Ronald, CRI Program Officer, Union of BC Municipalities

Key Contacts (last slides)

- BC Wildfire Service
 - Wildfire Prevention Officers/Specialists
- First Nations Emergency Services Society of B.C.
 - Fuel Mgmt. Specialists/Liaisons

Community Resiliency Investment *FireSmart Focus*



- Living with and managing wildfire risks in your area
- Reducing the risk of damage to structures and infrastructure in extreme wildfire conditions
- Raising awareness of FireSmart benefits to homeowners, neighbourhoods and communities
- Alignment with provincial fire prevention strategies
- The seven FireSmart disciplines (framework for prevention)

Community Resiliency Investment *FireSmart Disciplines*





Education



Vegetation management



Legislation and planning



Development considerations



Inter-agency co-operation



Emergency planning



Cross-training



Community Resiliency Investment Program Overview



The primary goal of the Community Resiliency Investment (CRI) program is to reduce wildfire risks and wildfire impacts in B.C. communities.

Indigenous and non-indigenous governments can use CRI grants to undertake wildfire risk reduction and fire prevention activities, including those on public, First Nation and private lands.

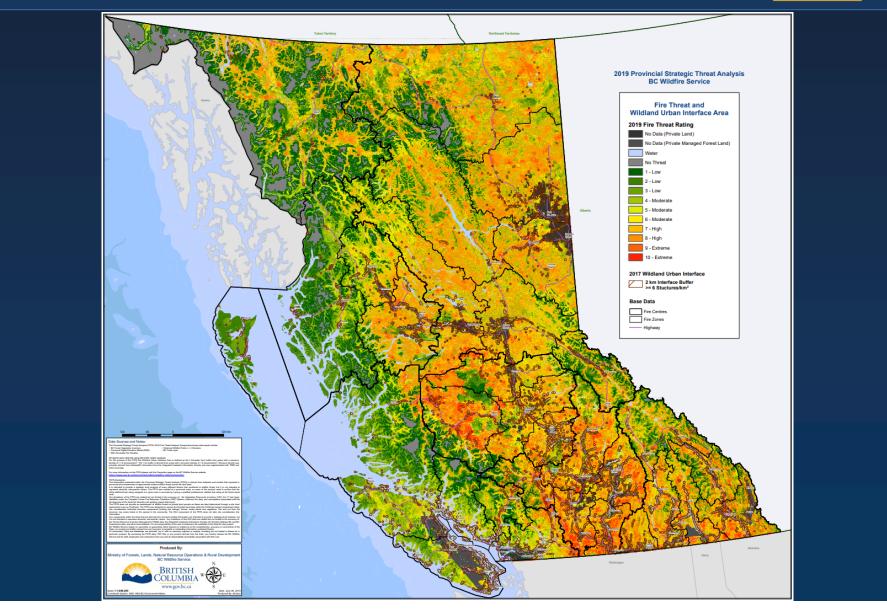
The CRI program has two funding streams:

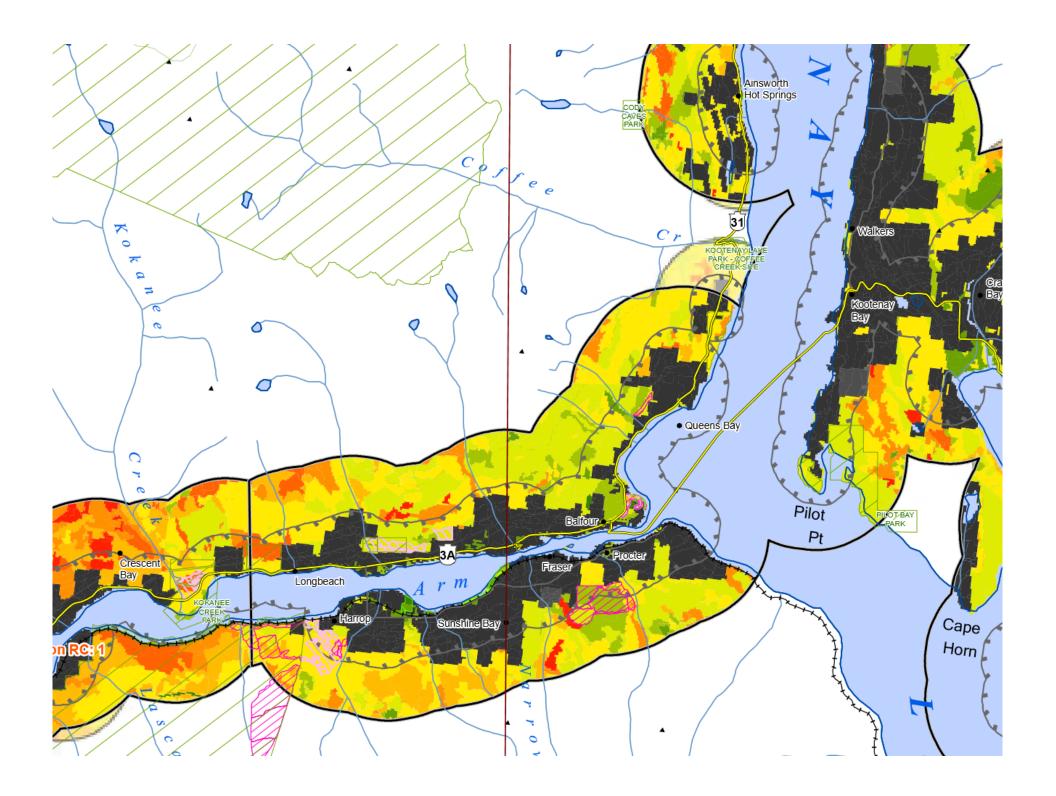
- Crown Land Wildfire Risk Reduction (WRR), and
- FireSmart Community Funding and Supports (FCFS)

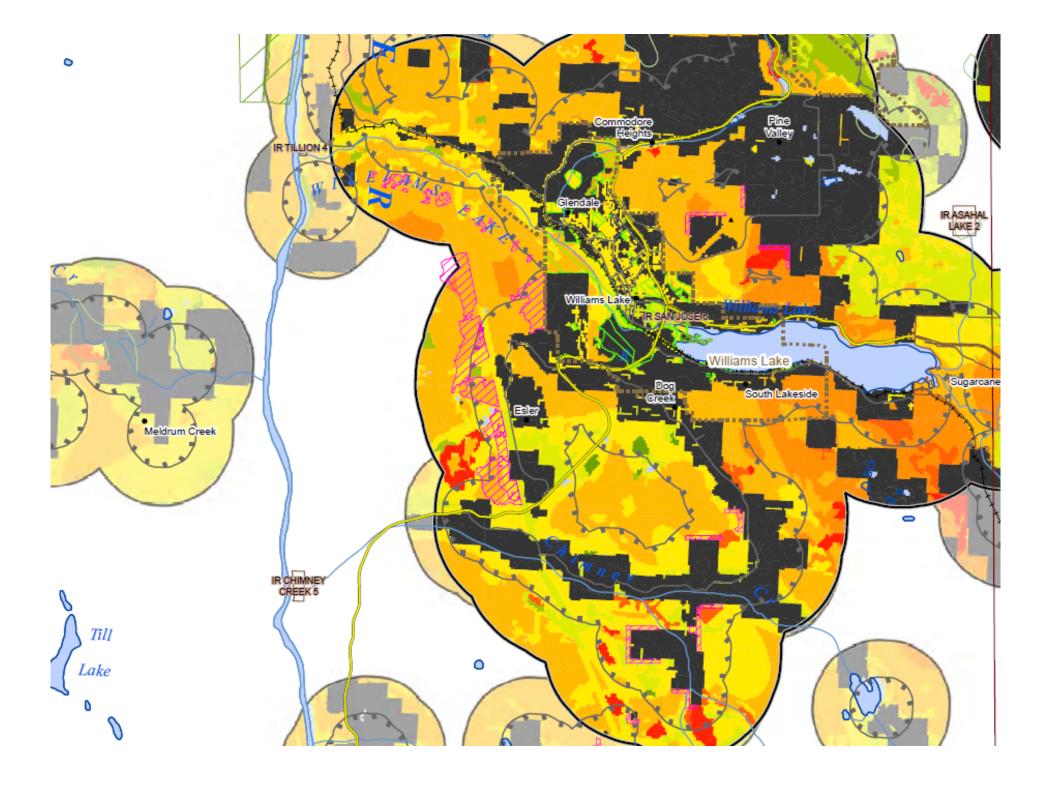
Launched in September 2018, to date within the FCFS stream 175 First Nations and local governments have undertaken 251 projects with committed funding of over \$22 million.

Provincial Strategic Threat Analysis Wildland Urban Interface Fire Threat









Community Resiliency Investment Streams Wildland Urban Interface Risk Maps



WILDLAND URBAN INTERFACE (WUI)
RISK MAPS

https://www2.gov.bc.ca/gov/content/safety/wildfire-status/prevention/vegetation-and-fuel-management/fire-fuel-management/wui-risk-class-maps

or https://bit.ly/2ESa7VG





≡ Menu

<u>Home > Public Safety & Emergency Services > Wildfire Service > Wildfire Prevention > Vegetation and Fuel Management > Fire & Fuel Management ></u>

FireSmart

Open Fire, Prohibitions & Restrictions

- Funding for Wildfire Prevention
- Info for Industry & Commercial Operators
- Vegetation and Fuel Management
- Prescribed Burning
- Fire & Fuel Management
 Provincial Strategic
- Threat Analysis

 Wildland Urban
- Interface Risk Class Maps

Download the WUI Files

▶ Fuel Mangement

Wildfire Legislation & Regulations

Wildland Urban Interface Risk Class Maps

The Abbott-Chapman report on the 2017 wildfire and freshet seasons (Addressing the New Normal: 21st Century Disaster Management in British Columbia) recommended that the provincial government identify risk management strategies to guide and prioritize funding for wildfire mitigation activities, based on risks to communities (Recommendation #81).

In 2018, the BC Wildfire Service developed the Wildland Urban Interface Risk Class Framework to support initiatives related to wildfire risk reduction.

Wildfire Risk Framework

A risk-based framework considers the likelihood of an unwanted wildfire event and the consequences for communities and high-value resources and assets, as a measure of risk, as follows:

- . Likelihood is the probability of the unwanted wildfire event occurring.
- Consequence is the amount of damage occurring as a result.
- Risk is measured as the product of likelihood and consequence. Multiple inputs are required to effectively
 quantify risk (including severity, type of value, and vulnerability to wildfire).

By identifying risk levels, wildfire threat mitigation priorities and opportunities to increase community resiliency are both enhanced.

Differing risk levels require tailored risk management to minimize the negative impacts of wildfires on communities and high-value resources and assets (HVRAs). The intent is to enable the development of cost-effective wildfire risk reduction strategies for communities and HVRAs at two different scales – local and provincial.

Provincial Strategic Threat Analysis (PSTA)

At a provincial scale, the wildfire risk framework starts with an analysis of the wildland urban interface (WUI), which consists of areas where urban development borders on forested areas or grasslands.

The quantification of wildfire threat components at the provincial scale — including "likelihood" (of fire occurrence) and "severity" (weather conditions and fuel type) — are represented by the Provincial Strategic Threat Analysis (PSTA).

I agree. Proceed to the downloadable maps and KMLs.

^

View Wildland Urban Interface Risk Class Maps

Download WUI/RC KMLs

Community Resiliency Investment Streams Crown Land Wildfire Risk Reduction



Administered through the Ministry of Forests, Lands, Natural Resource Operations, and Rural Development with an initial 2019/20 investment of up to \$20M per year, through to 2021/22. Highlights of the program include:

- Fuel management planning and treatment activities focusing on provincial Crown land located around communities.
- Prescribed fire (including planning and operational treatments) and the development of a comprehensive provincial prescribed fire program.
- Risk reduction activities targeting provincially identified critical infrastructure, beginning with critical response infrastructure such as government-owned radio repeaters, weather stations and airtanker bases.
- Operational projects funded by the CRI Crown Land WRR category will be contracted via BC Bid and will help to increase community resiliency to wildfire, increase ecosystem resiliency and support local contractors in communities across the province.

Community Resiliency Investment Streams FireSmart Community Funding & Supports



Administered through the UBCM, with an initial investment of \$60M, this program is available to First Nations and local governments to deliver FireSmart activities, as supported by the <u>BC FireSmart Committee</u>.

Highlights of the program include:

- 100% funding of up to \$150,000 across a suite of FireSmart activities
- Regional, multi-jurisdictional applications are encouraged
- Incentives have been added to undertake FireSmart activities on private land
- Funding available for fuel management projects on First Nation lands

Full information on the FCFS program: www.ubcm.ca/CRI

Technical reviews and prioritization of FCFS applications is done by a committee made up of UBCM, FLNRORD, FESBC and FNESS staff, with final approval by the BC FireSmart Committee.

2021 CRI FireSmart Community Funding & Supports Funding Eligibility & Maximums



Eligible applicants:

- Municipalities and Regional Districts
- First Nations (incl. Bands, Treaty First Nations and Indigenous National Governments with authority for lands and resources).

Funding amounts:

- Applicants with a lower wildfire risk are eligible for funding of up to \$50,000.
- Applicants with a demonstrated higher wildfire risk are eligible for funding of up to \$150,000.



2021 CRI FireSmart Community Funding & Supports Additional Funding Opportunities



- **1. New in 2021** Regional district applications may exceed the base funding maximum in order to fund <u>FireSmart activities only</u> in one or more electoral areas.
- 2. Applications that include fuel management on Provincial Crown land within municipal boundaries, regional district parks or First Nation lands <u>and</u> that include contiguous, logical treatment units that extend onto the Crown land base may exceed the base funding maximum for <u>fuel management activities on Provincial Crown Land only</u>, provided that

New in 2021 - Fuel management activities:

- Are adjacent to community structures, and
- Extend no further than one kilometer from the structure density class greater than 6 (see Appendix 1 of the Program & Application Guide)

Fuel management located exclusively on Provincial Crown land, outside of municipal boundaries regional district parks or First Nation lands, is administered through the Crown Land Wildfire Risk Reduction stream (WRR).

2021 CRI FireSmart Community Funding & Supports Funding Maximums & Linkages



- The available grant amount for eligible applicants facing a lower wildfire risk has been increased from a maximum of \$25,000 to a maximum of \$50,000. (The available grant amount for applicants with a higher wildfire risk was increased for the 2020 program to \$150,000.)
- Regional districts may now submit a single application for eligible, collaborative FireSmart projects that includes multiple electoral areas. The maximum base funding (i.e. \$50,000 or \$150,000, depending on the demonstrated wildfire risk) may be increased by up to \$50,000 for each electoral area included in the application.
- The Program & Application Guide contains clearer language and linkages to the CRI Crown Land Wildfire Risk Reduction program to ensure alignment between both funding streams.

2021 CRI FireSmart Community Funding & Supports





The CRI FCFS Program & Application Guide contains all relevant program information.

The Guide, application and final report forms, and related information are all available on UBCM's CRI webpage:

www.ubcm.ca/CRI



Community Resiliency Investment Program 2021 FireSmart Community Funding & Supports Program & Application Guide

1. Introduction

The <u>Community Resiliency Investment</u> (CRI) program was announced by the provincial government in 2018 and is intended to reduce the risk of wildfires and mitigate their impacts on BC communities. CRI includes by streams:

Stream 1: FireSmart Community Funding & Supports, administered by the Union of BC Municipalities

Stream 2: Crown Land Wildfire Risk Reduction, administered by the Ministry of Forests, Lands, Natural Resource Operations & Rural Development. Highlights of this program stream include:

- Fuel management planning and treatment activities focusing on provincial Crown land located around communities
- Prescribed fire (including planning and operational treatments) and the development of a comprehensive provincial prescribed fire program
- Risk reduction activities targeting provincially identified critical infrastructure, beginning with critical response infrastructure, such as government-owned radio repeaters, weather stations and airtanker bases

FireSmart Community Funding & Supports

The FireSmart Community Funding & Supports program provides funding to local governments and First Nations in BC to increase community resiliency by undertaking community-based FireSmart^{® 1} planning and activities that reduce the community's risk from wildfire. To date, 175 First Nations and local governments have received funding.

The First Nations' Emergency Services Society (FNESS), the Forest Enhancement Society of BC (FESBC) and the Union of BC Municipalities (UBCM) are working with the Ministry of Forests, Lands, Natural Resource Operations & Rural Development (FLNRORD) to deliver the FireSmart Community Funding & Supports program.

The program is structured to fund FireSmart activities in eligible communities throughout BC. Base funding is scaled to offer eligible applicants with lower risk of wildfire, generally demonstrated by WUI Risk Class 4 and 5, to apply for up to \$50,000, and applicants with a demonstrated higher risk of wildfire, generally demonstrated by WUI Risk Class 1 to 3, to apply for up to \$150,000 per year. Information on determining risk is provided in Appendix 1.

There are two opportunities to apply for additional funding:

 New in 2021 - Applications from regional districts may exceed the base funding maximum in order to fund <u>FireSmart activities only</u> in one or more electoral areas. Refer to Section 3 for more information.

¹ The FireSmart brand is a registered trademark of Partners in Protection





Forest Enhancement Society of British Columbia



2021 CRI FireSmart Community Funding & Supports Funding Requirements

BRITISH COLUMBIA

Applicants must demonstrate their level of engagement with:

- BC Wildfire Service wildfire prevention officer or
- First Nations' Emergency Services Society fuel management liaison/specialist, and
- If applicable, the Ministry of Forests, Lands, Natural Resource
 Operations and Rural Development district, region or relevant land manager.

Applicants will be required to document this engagement in the application process. Planning and discussion must occur at a minimum of 30 days prior to submission of an application to allow for meaningful dialogue regarding the proposed FireSmart and fuel management activities and opportunities for integration of planning and implementing fuel management activities on provincial Crown lands.

2021 CRI FireSmart Community Funding & Supports Changes: Education

- BRITISH COLUMBIA
- All applications are now required to include an education component.
 This may include general FireSmart education or be related to another proposed eligible activity.
- Select FireSmart materials can be ordered free of charge from the
 <u>BC FireSmart Website</u> as part of the application to streamline ordering
 and delivery of materials. There is also a promotional catalogue
 available for other resources, such as the FireSmart Education Kit.
- Funding is available to organize, implement and/or update public meetings, FireSmart signage, social media, applicant websites and/or newsletters, community site visits, and community education related to a proposed eligible activity.

2021 CRI FireSmart Community Funding & Supports Changes: Community Planning



- The new <u>Community Wildfire</u>
 <u>Resiliency Plan (CWRP) supplemental</u>
 <u>instruction guide</u> and template are
 now available to help communities
 assess wildfire risks and guide their
 risk reduction activities.
- The new template is a result of a comprehensive review of the government's approach to community wildfire resiliency planning, conducted by the BC FireSmart Committee and the BC Wildfire Service.



Community Wildfire Resiliency Plan Instruction Guide

A GUIDE FOR LOCAL AUTHORITIES AND FIRST NATIONS TO SUPPORT THE DEVELOPMENT OF COMMUNITY WILDFIRE RESILIENCY PLANS

2021 CRI FireSmart Community Funding & Supports *Interagency Co-operation*



Develop, coordinate and/or participate in a <u>Community FireSmart Resiliency</u> <u>Committee</u>. The purpose of the committee is to bring together local communities and provincial agency staff (EMBC, FLNRORD) with stakeholders to coordinate, plan and share information on FireSmart activities at a regional level.

- Collaborate on a communication and public education strategy with multiple local governments and First Nation communities
- Implement and monitor the success of your community wildfire resiliency plan
- Develop a fuel management planning table in collaboration with FLNRORD and other agency staff to coordinate Crown Land WRR and FCFS activities

Partnerships and Collaboration (cont'd) >

2021 CRI FireSmart Community Funding & Supports Interagency Co-operation



Partnerships and Collaboration (cont'd)

- Streamline FireSmart home assessment and FireSmart grant programs by sharing capacity between multiple local authorities
- Develop a network of Local FireSmart Representatives in the area and coordinate their activities within the region
- Create an advocacy program for participation in the <u>FireSmart Canada</u>
 <u>Neighbourhood Recognition Program</u> and work towards increasing the
 number of recognized neighbourhoods and communities in the region
 each year
- Coordinate applications to the <u>Community Resiliency Investment</u> program and other funding opportunities

2021 CRI FireSmart Community Funding & Supports Changes: FS Projects for Critical Infrastructure



- Applicants can now apply to assess and FireSmart critical infrastructure (CI) designated for publicly or First Nations owned buildings that are currently designated as critical to support effective emergency response to a wildfire event (for example: emergency operations centres, water pump stations, communications towers).
- The FireSmart Cl Hazard
 assessment Form must be filled
 out for new Cl projects.

FireSmart Critical Infrastructure Hazard Assessment Form USER GUIDE

INTRODUCTIO

The FireSmart Critical Infrastructure (CI) Hazard Assessment Form is a numerically ranked process that is intended for assessing vulnerability of communications, utility and transportation buildings, structures, and components to wildfire.

The assessment form is separated into 5 separate sections:

- A. Building
- B. Structure
- C. Non-Combustible Zone
- D. Zone 1
- E. Zone 2

Depending on the features of the CI, the Building Section or Structure section may not be applicable; or they may be both applicable. The Non-Combustible Zone, Zone 1 and Zone 2 will apply for all CI

This assessment should be undertaken by an individual who is deemed by the organization the individual represents to have the appropriate knowledge and experience in the wildfire vulnerability of that organization's infrastructure.

In many cases, the assessment and subsequent mitigation will extend beyond the legal land parcels on which the critical infrastructure occupies; therefore, mitigation to the full extend of the assessment will require collaboration with adjacent land managers.

PLEASE READ – Legal Disclaimer – The information contained herein provides general information only. While it is believed to be accurate, it is provided without representation or warranty of any kind, including as to its accuracy or its suitability for the purpose(s) for which you may wish to rely on it. Accordingly, any and all use of or reliance on such information shall be in your own discretion and at your own risk. For greater clarity, Partners in Protection Association (FireSmart Canada) accepts no responsibility or liability for any injury, loss or damage, whether direct, indirect, special, incidental, punitive or consequential, that any person may sustain as a result of the information in, the results of, or anything done or omitted pursuant to, this assessment.

A. CRITICAL BUILDINGS

All buildings that are critical to the function of the CI, and any non-critical buildings that are within 15 meters.

Roof (Questions A-1 and A-2)

Class A UL/ASTM fire rated roof is recommended to ensure that embers, or other burning debris that land on the roof do not ignite the building.

2021 CRI FireSmart Community Funding & Supports FireSmart for Residential Areas



- Current plans should be used to decide where to offer a FireSmart rebate program. Areas of higher wildfire risk should be prioritized.
- A Home Ignition Zone Assessment must be conducted.
- Rebates are limited to 50% of total cost of the eligible activities (Appendix 2, Table 2) to a maximum of \$500 per property.
- The applicant must assess the FireSmart activities conducted by the residential property or home owner and review claimed costs (receipts and/or proof of labour) before approving rebates.

2021 CRI FireSmart Community Funding & Supports Changes: Training



- Funding is now available to provide Indigenous cultural safety and humility training to emergency management personnel in order to more effectively partner with, and provide assistance to, Indigenous communities for both wildfire prevention and suppression.
- Funding is available to attend the 2021 FireSmart Conference, hosted by the BC FireSmart Committee. Details to be confirmed.

2021 CRI FireSmart Community Funding & Supports

Application Form

UBCM

- Provide clear, concise project information, including WUI Risk Class, critical infrastructure, community partnerships, FireSmart activities, etc.
- Provide a summary and status of ongoing CRI FCFS activities from previous years' applications.
- Ongoing communication and collaboration BC Wildfire Service and FNESS staff during application development is key to successful applications.

Community Resiliency Investment Program 2021 FireSmart Community Funding & Supports Application Form

Please complete and return the application form and all required attachments by October 9, 2020.

All questions are required to be answered by typing directly in this form. If you have any questions

SE	CTION 1: Applicant Information	CRI-	(administrative use only)		
Nai	me of Local Government or First Nation:	Complete Mailing	Address:		
Co	ntact Person*:	Position:			
Pho	one:	E-mail:			
* Contact person must be an authorized representative of the applicant (i.e. staff member or elected official).					
SECTION 2: Type of Application – Please identify the type of application you are submitting and provide the required information. Refer to Section 3 in the Program & Application Guide for eligibility.					
Type of Application (select one only):					
1.	Type of Application (select one only):				
1.	Type of Application (select one only): Single applicant (as identified in Se				
1.		ection 1 of the application le Applicants. Please lis	n form)		
1.	☐ Single applicant (as identified in Se☐ Regional Project for Multiple Eligibl	ection 1 of the application le Applicants. Please lis ion: trict Applications Includir	n form) t all of the partnering eligible ng Multiple Electoral Areas.		

Name of the Project:

2021 CRI FireSmart Community Funding & SupportsWorksheet 1 – FireSmart Activities

UBCM \

- Refer to eligible activities listed in Table 1 of the Program Guide
- FireSmart materials may be ordered at application
- Describe proposed activities
- Provide a cost estimate <u>and</u> a cost breakdown
- Outcomes & performance measures
- Copy Worksheet 1 total costs to Q. 6 on application Form

Community Resiliency Investment Program 2021 FireSmart Community Funding & Supports Worksheet 1: Proposed Activities & Cost Estimates

This worksheet is required to be completed for all applications.

Please complete and return the worksheet with the full FireSmart Community Funding & Supports application package. If you have any questions, contact cri-swpi@ubcm.ca or (250) 356-2947.

New in 2021 - For Regional Projects for Regional District Applications Including Multiple Electoral Areas <u>only</u>, a separate Worksheet 1 is required for each electoral area that is included in the application.

Instructions:

In Section 2 below, indicate the proposed activities, cost-estimate <u>and</u> calculation, outcomes and performance measures, and funding request subtotal for each of the eligible activities (as identified in Table 1 of Section 6 of the Program & Application Guide) that you plan to undertake.

New in 2021 - Category 1 (Education) is required to be completed in all applications.

Detailed Cost Estimate and Calculation: Provide a detailed cost estimate and calculation for each proposed activity. Include information on how cost estimates were developed (i.e. hourly meeting room costs, mileage for travel, estimated days of incremental staff time, hourly/daily rates and types of equipment and estimated hours of use, etc.). In cases where other contributions are included for proposed activities, please clearly distinguish between the requested CRI fudning amount and other contributions, including in-kind contributions. Additional cost information may be requested.

Note: Costs related to incremental applicant staff and administration costs should be included as part of detailed cost estimate and calculation for each proposed activity. Refer to Additional Eligible Costs & Activities in Section 6 of the Program & Application Guide for more information.

Proposed Outcomes: Provide information on the expected outcome of each proposed activity and list any policies, practices, plans or documents that will be developed or amended as a result of your project. As noted in the Program & Application Guide, higher application review scores will be given to projects that clearly increase community resiliency by undertaking community-based FireSmart planning and activities that reduce the community's risk from wildfire.

Proposed Performance Measures: Indicate how the proposed activities will be evaluated, including the specific performance measures that will be used.

2021 CRI FireSmart Community Funding & Supports Worksheet 2 – Fuel Management Activities



- Provide detailed project information, incl. rationale, description of project area and location, treatment methodology, etc.
- Provide maps, plans, assessments, prescriptions, etc. for proposed treatment units, and any other information necessary to support the application
- Provide detailed cost breakdown, i.e.
 estimated number of days and daily costs,
 that determine line item and overall
 project cost estimates
- For phased fuel management projects, prescriptions <u>must</u> be reviewed pretreatment



2020 Community Resiliency Investment Program FireSmart Community Funding & Supports Worksheet 2: Proposed Fuel Management Activities

This worksheet is only required for applications that include fuel management activities, including fuel management prescriptions, burn plans, fuel management treatments and prescribed burns.

Please complete and return the worksheet with the full FireSmart Community Funding & Supports application package. If you have any questions, contact cri-swpi@ubcm.ca or (250) 356-2947.

Only one Worksheet 2 should be submitted regardless of the number of proposed treatment units.

nstructions:

Prescription(s) or Burn Plan(s) only: complete Sections 1, 2, 3

Fuel management treatment or prescribed burn only: complete Sections 1, 2 and 4

Phased projects: complete Section 1, 2, 3 and 4

Applicants that apply for phased projects (prescription or burn plan development <u>and</u> fuel management treatment for the same treatment unit(s) provided) are required to provide sufficient detail on estimated treatment size and post-treatment outcomes (e.g. reducing crown fire initiation potential by XX). It is expected that the proposed treatment areas would be less than the proposed assessment area (due to areas that will not be appropriate for treatment, such as riparian corridors).

Applicants can also apply for prescriptions and treatment of different treatment units in a single Worksheet 2

In cases where other contributions are included for proposed activities, please clearly distinguish between the requested grant amount and other contributions, including in-kind contributions. Detailed cost estimates may be requested.

2021 CRI FireSmart Community Funding & Supports Tips for Successful Applications



- Required: Engage with local BCWS WPO or FNESS FML/S pre-application
- Proposed activities should be linked to and driven by a current CWPP, CWRP or other relevant planning document
- Provide a detailed breakdown of activity costs this demonstrably cost efficient,
 with rationale supporting outcomes and performance measures
- Propose a balance of supportable FireSmart activities indicating a robust, strategic approach to wildfire prevention
- Ensure that all requested information and required attachments are provided,
 i.e. council or board resolution, planning documents, completed assessments,
 fuel management prescription, etc.

These will lead to faster approvals (less back and forth) and to better projects.

2021 CRI Firesmart Community Funding & Supports *Intake Deadline*



The 2021 CRI FCFS application deadline is October 9, 2020.

2021 CRI FCFS program materials are available at: www.ubcm.ca/cri



Contact information



BC Wildfire Service – Wildfire Prevention Officers by Fire Centre		
Cariboo Fire Centre: Matt Lees	778 799-2047	
Coastal Fire Centre: Tony Botica	250 951-4262	
Kamloops Fire Centre: Michael Aldred	250 554-5516	
Northwest Fire Centre: Shannon Irvine	250 847-6616	
Prince George Fire Centre: Bruce Raby	250 567-6503	
Southeast Fire Centre: Mike Morrow	o 250 426-1785	

Contact information



First Nations'	Emergency Services Society	(FNESS)

Fuel Management Specialists by Fire Centre - ffminfo@fness.bc.ca

Cariboo Fire Centre: Brenden Mercer	250 320-8611
Coastal Fire Centre: Quentin Nelson	250 320-7682
Kamloops Fire Centre: Frank Joe	250 318-7076
Northwest Fire Centre: Owen Price	778 694-9055
Prince George Fire Centre: Peter Hisch	778 694-8976
Southeast Fire Centre: Larry Price	250 320-8580

Union of B.C. Municipalities (UBCM)	cri-swpi@ubcm.ca
Peter Ronald, Program Officer	250 356-2947

Thank you!



QUESTIONS?