



# NATURAL RESOURCE DEVELOPMENT NETWORK 2019/20 Work Plan

Version Date: August 16<sup>th</sup>, 2019

**Natural Resource Development Network**  
**2019/20 Work Plan – Version Date: August 16<sup>th</sup>, 2019**

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## Network Summary

Natural resources remain a foundational element of rural places. Sustainable natural resource management is increasingly critical for the overall health and wellbeing of not only rural places, but the world. The core of the Natural Resources Development Network (NRDN) is the exploration, understanding, sharing, and building knowledge around the sustainable management of natural resources in rural places. The NRDN is committed to building and sharing an enhanced understanding of natural resources, and how these resources can be managed for the betterment of rural places.

The objective of the NRDN is to support its members in undertaking activities that include a focus on one or more of the following:

- i. food and food security;
- ii. climate change;
- iii. rural community development;
- iv. industry and trade;
- v. land and water;
- vi. energy; and
- vii. overarching related governance and policy.

The outputs of the network, described in more detail below, include the following:

- Funding for members to attend targeted events for networking and knowledge sharing;
- Facilitation of webinars;
- Funding for knowledge mobilization in the form of knowledge briefs, policy briefs, and team position papers; and
- Support for collaborative projects between network members.

## 1. Actions and Products

### 1.1. Member Engagement

[Network members](#) are afforded the ability to choose whether to be an active or passive member (see existing NRD Work Plan), allowing members to select their level of participation, and aiding leadership in identifying those most interested in taking on larger roles in the network. As part of the re-boot of the NRD team into the NRDN, all existing members will be given a questionnaire, allowing us to update their interests and expertise, as well as to gauge their preferred level of participation.

The NRDN will build on the existing NRD engagement that includes regular electronic updates and newsletters, sharing of information and opportunities, and webinars. The NRDN will continue these activities, but expand on them, including: team meetings (quarterly), digital lunch and learn discussions (quarterly), contributions to and sharing of the common event calendar (operated by the Canadian Rural Revitalization Foundation in partnership with RPLC), and social media engagement (Twitter, Facebook, Instagram).

## 1.1.1. Engagement and Knowledge Mobilization

- ***How to become a team member?***
  - Provide your name, contact information, and short (1-2 paragraph) biography of relevant interests and experience
  - Indicate whether you would like to be an active or passive team member
  - Send this information to [Hannah Dueck](#), NRDN Support, and include “NRDN Team Member” in the subject line.
- ***Roles and responsibilities of team members***
  - Active
    - Participation in review of applications (e.g., funding)
    - Active engagement in zoom meetings
    - Moderator or presenter of webinars, Reddit Ask Me Anythings, digital lunch and learns, and other forms of public engagement
    - + activities listed under passive
  - Passive (network based)
    - Attend webinars and digital lunch and learns
    - Help disseminate information and news within applicable networks
- ***Key networks and methods of information dissemination***
  - CRRF newsletter
  - Columbia Basin RDI newsletter
  - Quarterly NRDN E-newsletter
- ***Any team member who has a knowledge mobilization idea (e.g., webinar) is encouraged to contact [Hannah Dueck](#), NRDN Support, to arrange the details.***

## 1.2. Natural Resource Development Policy Fellow participate

### ***Overview***

Under the Natural Resource Development Team we identified [Tara Clapp](#) as our Public Policy Fellow. The RPLC Public Policy Fellow initiative is designed to recognize public policy actors that are making a substantial contribution to rural policy, whether at the local, regional, provincial, national, or international scale. This initiative facilitates the engagement of public policy actors within the RPLC network and among RPLC activities. Originally allocated \$3,000 in 2017, an additional \$1,000 was allocated in 2018 to continue supporting this position (e.g., travel costs), but was not intended to be financial compensation. Further details on the position can be found [here](#).

### ***Expectations***

It is expected the Public Policy Fellow would work towards advancing the mandate and vision of RPLC. Within the Natural Resources Development Network, RPLC Public Policy Fellows will be appointed to work within one of the above-mentioned four areas of focus. Activities will be specific to each fellow, but potential activities of a Public Policy Fellow could include:

- connecting with and/or mentoring graduate students interested in natural resource development
- identifying new natural resource development research topics
- assisting in advancing natural resource development policy
- advising on policy briefs
- helping to ground policy discussions in the perspectives of rural practitioners
- attending and presenting at prioritized conferences
- contributing to articles, blog posts, and knowledge mobilization events

For a record of Tara's efforts to date, please see Table 1.

**Table 1: NRDN Policy Fellow Conference Attendance and [Products](#)**

<u>Conferences attended representing NRDN</u>	<a href="#">Keeping It Rural</a> <a href="#">International Comparative Rural Policy Studies</a> <a href="#">Canadian Rural Revitalization Foundation 2017</a> <a href="#">Canadian Rural Revitalization Foundation 2018</a>
<u>Products Produced</u>	<a href="#">Presentation</a> - CRRF2017 Presentation – CRRF2018 <a href="#">Webinars</a> - <a href="#">Creating Sustainable Funding for Ecosystems and Watersheds</a> ( <a href="#">Video</a> / <a href="#">PPT</a> ) <a href="#">Technology for Watershed Non-profits</a> NRDN poster content

### 1.3. Literature Reviews

The Natural Resource Development Network has funded students with \$15,950 to support the completion of 12 targeted literature reviews related to the core areas of focus. Literature reviews are intended to synthesize current literature to inform team members as well as a wider audience. Completed products will be shared with the team and applicable networks. The NRDN has \$1,800 to support ~2 new literature reviews.

Matched or supplemental funding from team members facilitated broadening the scope of the literature review or the creation of additional products (e.g., creation of a position paper, knowledge briefs, etc.).

The following criteria was used for hiring students:

- Current graduate student in a relevant discipline
- Direct research and/or professional experience related to the topic
- Experience gathering, synthesizing, and summarizing information for decision makers and the public

- Experience writing literature reviews, annotated bibliographies, knowledge briefs, and/or other related or similar products
- Ability to work independently

Members who received funding were expected to:

- 1) Display the RPLC logo on their literature review
- 2) Share their literature review on the website
- 3) Include disclaimer – This literature review was not peer-reviewed by the NRDN and does not necessarily reflect the position of the RPLC, the NRDN co-leads or their institutions.

**To apply team members must:**

- 1) **Submit a short (1-2 paragraph) description and justification of the proposed policy brief.**
- 2) **Fill in the application for funding (<https://forms.selkirk.ca/view.php?id=47747>).**

The first call for applications ended in July 2016. The second call ended January 31, 2017. The third call for applications ended February 14, 2018. The fourth call for applications ended June 18<sup>th</sup>, 2018. The fifth call for applications ended April 15<sup>th</sup>, 2019. The sixth call for applications ended July 15<sup>th</sup>, 2019. **The next call for applications ends September 30<sup>th</sup>, 2019.**

To date, 9 literature reviews ([Table 2](#)) were completed and 3 remain in progress ([Table 3](#)).

**Table 2:NRDN Literature Reviews Completed**

Applicant	Institution	Product/Topic	Funding
CBRDI	Selkirk College	<a href="#">Mining Literature Review</a>	\$ 1,000
		Rural Climate Change Adaptation ( <a href="#">1</a> , <a href="#">2</a> & <a href="#">3</a> )	
		i) completed scan of relevant literature;	
		ii) an annotated bibliography;	
CBRDI	Selkirk College	iii) 2-3 common language knowledge briefs	\$ 1,250
Seth Eledi	Memorial University of Newfoundland	<a href="#">Examining Source Water Protection Policies in Newfoundland and Labrador</a>	\$ 2,500
		<a href="#">Water insecurity situation faced by Indigenous communities across Canada and which stands in contrast to the situation in Canadian non-Indigenous communities.</a>	
Ayotunde Omosule	Memorial University of Newfoundland	<a href="#">Examining Regional Approaches to Drinking Water Management in Rural Canada.</a>	\$ 2,000
Vincent Chireh	Memorial University of Newfoundland	<a href="#">Forestry Literature Review</a>	\$ 1,500
CBRDI	Selkirk College	<a href="#">Agricultural Drainage</a>	\$ 1,000
Philip Loring	University of Saskatchewan		\$ 2,000

Philip Loring	University of Saskatchewan	How environmental change literature engages with traditional ecological knowledge, focusing specifically on issues of gender, age, and class.	\$ 2,000
<b>Subtotal</b>			<b>\$ 13,250</b>

**Table 3: NRDN Literature Reviews In Progress**

<b>Applicant</b>	<b>Institution</b>	<b>Topic</b>	<b>Target</b>	<b>Funding</b>
Mohammad Nazrul Islam	Memorial University of Newfoundland	Does Canadian Renewable Energy Policies Contribute to Energy Co-management: A policy analysis on different Community-led Renewable Energy (CRE) Projects	May, 2019	\$ 500
Rashidatu Mohammed Uthman	Memorial University of Newfoundland	Facilitating the integration of permanent newcomers into Canadian society through agriculture industry in demand of workers	August, 2019	\$ 700
Nyiauwung Richard	University of Guelph	Lake fishery sustainability, food systems, and livelihood in the Great Lakes of Canada, with a focus on food and food security		\$ 1,000
Mohammad Islam	Memorial University of Newfoundland	Discussing different empirical studies and providing thoughts in the understanding of the nexus between climate change, coping strategy and adaptation		\$ 500
<b>Subtotal</b>				<b>\$ 2,700</b>

## 1.4. Policy Briefs

A total of \$9,000 has been allocated to support the completion of ~9 targeted policy briefs. These policy briefs are intended to identify and capitalize on policy windows using current research from team members. Completed policy briefs will be sent to the target government as a recommendation from the entire RPLC Natural Resource Development Network. The NRDN has \$6,000 to support ~8 new policy briefs (~4 at \$500/ea and ~4 at \$1000/ea).

**To apply team members must:**

- 3) Submit a short (1-2 paragraph) description and justification of the proposed policy brief.**
- 4) Fill in the application for funding (<https://forms.selkirk.ca/view.php?id=47747>).**

Please send descriptions and justifications to [Hannah Dueck](#), NRDN Support, and include “NRDN Policy Brief” in the subject line. If needed, a volunteer selection committee will review and identify which will receive funding as well as combining requests where applicable.

Members who receive funding are expected to:

- 1) Display the RPLC logo on their policy brief
- 2) Share their policy brief on the website
- 4) Include disclaimer – This literature review was not peer-reviewed by the NRDN and does not necessarily reflect the position of the RPLC, the NRDN co-leads or their institutions.

The first call for applications ended in July 2016. The second call ended January 31, 2017. The third call for applications ended February 14, 2018. The fourth call for applications ended June 18, 2018. The fourth call for applications ended July 31, 2018. The fifth call for applications ended October 31, 2018. The sixth call for applications ended April 15<sup>th</sup>, 2019. The seventh call for applications ended July 15<sup>th</sup>, 2019. **The next call for policy brief applications ends September 30<sup>th</sup>, 2019.**

To date, 5 Policy Briefs have been completed ([Table 4](#)) and 2 are currently in progress ([Table 5](#)).

**Table 4: NRDN Policy Briefs Completed**

Applicant	Institution	Product/Topic	Funding
Seth Eledi	Memorial University of Newfoundland	<a href="#">Source Water Protection Policy Implementation Gaps in Newfoundland and Labrador</a>	\$ 2,500
Sarah Minnes	Memorial University of Newfoundland	<a href="#">Ontario's Clean Water Act and Implications for Rural Serviced Municipalities</a>	\$ 1,000
Laura-Schreiner	University of Guelph	<a href="#">Lessons on Farmland Preservation Near Growing Urban Regions from Oregon, USA</a>	\$ 2,000
Lissel Hernandez-Gongora	University of Guelph	<a href="#">Polycentric Governance in Climate Change Policies</a>	\$ 500
Cameron Gunton	Simon Fraser University	<a href="#">Evaluating BC's economic policies for liquefied natural gas</a>	\$ 1000
Subtotal:			\$ 7,000

**Table 5: NRDN Policy Briefs In Progress**

Applicant	Institution	Product/Topic	Target	Funding
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Sara Teitelbaum	University of Montreal	Free, Prior and Informed Consent through the Lens of Forestry Certification: Examining the case of the Forest Stewardship Council (FSC) in Canada	Jun. 2019	\$	1,000
Mohammad Nazrul Islam	Memorial University of Newfoundland	Policy Analysis on different Community-led Renewable Energy Projects	Mar. 2019	\$	500
<b>Subtotal:</b>				<b>\$</b>	<b>1,500</b>

## 1.5. General Funding

To date there has been \$25,000 available for funding general requests (e.g., attending prioritized conferences – CRRF, ICRPS 2016, Niskamoon).

**Please see the general [funding application](#) for details.** Applications should be submitted to [Hannah Dueck](#), NRDN Support, and include “NRDN General Funding” in the subject line. If needed, a volunteer selection committee will review and identify which will receive funding as well as combining requests where applicable.

Members who receive funding are expected to:

- 1) Display the RPLC logo on their presentation (if applicable)
- 2) Share their presentation (e.g., slide deck, recording)

Members are also encouraged to write a blog post for the NRDN website.

All final products will be made available once completed. The first call for applications ended in July 2016. The second call ended January 31, 2017. The third call for applications ended June 30, 2017. The fourth call for applications ended April 27<sup>th</sup>, 2018. The fifth call for applications ended July 31<sup>st</sup>, 2018. The sixth call for applications ended April 15<sup>th</sup>, 2019. **The last call for applications ends July 15<sup>th</sup>, 2019.**

To date the NRDN has provided support for 19 general travel and 2 panel requests ([Table 6](#)).

Table 6: NRDN General-Travel Support (and [products](#))

Applicant	Institution	Conference	Product	Funding
Paul K	University of Guelph	CRRF 2017, Nelson, BC	<a href="#">Presentation</a> - The Case for Using Green Infrastructure in a Land Use Planning Framework for Resilient Rural Communities	\$ 1,850

Alison Earls	University of Waterloo	CRRF 2017, Nelson, BC	<a href="#">Poster</a> - Farm Succession Planning	\$ 400
Ayotunde Omosule	Memorial University of Newfoundland	CRRF 2017, Nelson, BC	<a href="#">Poster</a> - Water Insecurity in Indigenous Communities	\$ 1,500
Anastasiya Shtaltonva	Memorial University of Newfoundland	CRRF 2017, Nelson, BC	<a href="#">Presentation</a> - Agricultural Knowledge and Knowledge Systems in Post-Soviet Societies	\$ 1,100
Vincent Chireh	Memorial University of Newfoundland	CRRF 2017, Nelson, BC	<a href="#">Poster</a> - Management of Rural Drinking Water Systems	\$ 1,700
Abdul-Rahim Abdulai	Memorial University of Newfoundland	CRRF 2017, Nelson, BC	<a href="#">Presentation</a> - Community Food Security	\$ 1,500
Brody Granger	University of British Columbia	CRRF 2017, Nelson, BC	<a href="#">Video</a> - Limnology	\$ 500
Zachary Haigh	Vancouver Island University	CRRF 2017, Nelson, BC	<a href="#">Presentation</a> – Using Agricultural Cooperatives to Address Food Security and Create Rural Employment	\$ 1,000
Bill Reimer	Concordia University, Montreal	CRRF 2017, Nelson, BC	Notes from Capacity Building Session	\$ 500
Laura Ryser	University of Northern British Columbia	CRRF 2017, Nelson, BC	<a href="#">Presentation</a> - Restructuring of Rural Governance in a Rapidly Growing Resource Town: The Case of Kitimat, BC, Canada	\$ 556
Kelly Vodden	Memorial University of Newfoundland	CRRF 2017, Nelson, BC	Co-sponsored with governance team. Conference Support - no output required	\$ 1,467
Margot Parkes	University of Northern British Columbia	RAIL Commons, Olds, AB	<a href="#">Presentation</a> - New tools to assess the cumulative environmental, community and health impacts of resource development <a href="#">Presentation</a> - Mentoring & Capacity Strengthening <a href="#">Spatial/Picture Map</a> of the ECHO Network's Intersectoral Team Building Exercises	\$ 1,000

Greg Bartlett	Rural Policy Learning Commons	CRRF 2016, Guelph, ON	Conference Support No output required	\$ 570
Sarah Minnes	Memorial University of Newfoundland	International Forum on Water Management, Quebec City, QC	<a href="#">Presentation</a> - Enhancing Source Water Protection in Rural Regions: Exploring the Role of Governance and Capacity Building	\$ 2,522
Tara Clapp	Columbia Basin Watershed Network	CRRF 2018	Presentation – Cumulative Effects Management Framework <a href="#">Presentation</a> – Examining New Environmental Governance Initiatives for Developing Country	\$ 1,000
Nyiauwung Richard	Memorial University of Newfoundland	3 <sup>rd</sup> World Small-Scale Fisheries Congress	Small-Scale Fisheries: Fishery Improvement Projects in the African Context <a href="#">Presentation</a> – Farmer's Welfare Depiction in the pro-GMOs Literature on African Farmers' Experience with GMOs	\$ 870
Yassine Dguideue	University of Missouri: Rural Sociology	CRRF 2018	<a href="#">Presentation</a> – Energy Co-management in Community led Renewable Energy (CBR) Projects: A Policy Gap between Canada and the EU	\$ 500
Mohammad Nazrul Islam	Memorial University of Newfoundland	CRRF 2018	<a href="#">Presentation</a> – Precarious Employment in Rural Ontario	\$ 1,325
Valencia Gaspard	University of Guelph: SEDRD	People, Place, Public Engagement	<a href="#">Presentation</a> – Precarious Employment in Rural Ontario	\$ 369
Marc-Antoine Larrivee	University of Guelph	International Comparative Rural Policy Studies Summer Institute	Presentation	\$ 800
Rashidatu Mohammed Uthman	Memorial University of Newfoundland	CRRF 2019	Presentation	\$ 1,000
<b>General-Travel Total</b>				<b>\$ 23,365</b>

An additional support request (\$2,000) was approved for assistance with the Niskamoon conference in 2017.

## 1.6. Communications Activities

### 1.6.1. Webinars

The NRDN has recently facilitated six webinars ([Table 7](#)).

Table 7: NRDN Webinar Schedule

Date	Time	Webinar	Speakers
<u>Completed</u>			
15-Nov-17	11:30 AM CST	Creating Sustainable Funding For Ecosystems and Watersheds	Dr. Tara Lynne Clapp Juliet Craig
29-Jan-18	1:00 PM CST	Hidden Participants and Unheard Voices: Gender, Age, and other influences on Traditional Ecological Knowledge Research in the North	Philip Loring Maaya Hitomi
27-Feb-18	1:00 PM CST	Building Capacity for Rural Climate Adaptation	Lauren Rethoret Ingrid Liepa
21-Mar-18	10:00 AM CST	Forestry Skills: Thinking beyond current paradigms	Philomena de Lima Sarah Pohlschneider Sarah Breen
11-Apr-18	1:00 PM CST	Lessons on Farmland Preservation Near Growing Urban Regions from Oregon, U.S.A.	Laura Schreiner
27-Sep-18	2:00 PM CST	Transitioning to the new Rural Cannabis Economy	Tracey Harvey

### 1.6.2. Blogging

Blog posts by each theme team have been used for multiple purposes, such as drawing attention to a particular topic (<http://rplc-capr.ca/category/site-news/>) or a particular event (<http://rplc-capr.ca/category/opportunities/conference/>). These posts were intended to share information with team members, as well as link people and groups. There are multiple opportunities for future blog posts, which, in addition to being posted on the RPLC website, will be included in an appropriate newsletter (e.g., the CRRF newsletter). For example, the results of completed literature reviews and policy briefs can be translated into blog posts. The Policy Fellow may be interested in contributing to a blog post on a particular topic of interest. Additionally, **any team member interested in contributing a blog post is asked to contact [Hannah Dueck](#), NRDN Support, to discuss.**

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### 1.6.3. Twitter

The NRD team had a @RPLC\_NRD Twitter account until June 2016. The Twitter handle was maintained by the Team Lead and Team Support and used to re-post articles and follow groups of interest. However, this Twitter account was deactivated in June 2016 in an attempt to consolidate the RPLC social media accounts. A hashtag (#RPLC\_NRD) has been created to allow Twitter users to specifically flag things of interest to natural resources.

## 2. Timeline

Date Period	Description of Network Activity		
March 2019	<b>Policy Brief:</b> Community Forest Practice and the Relationships Between These Organizations and Surrounding Communities		
April 2019	<b>Webinar:</b> Polycentric Governance in Climate Change Policies <b>Policy Brief:</b> Policy Analysis on different Community-led Renewable Energy Projects <b>Funding Deadline #1:</b> Policy Briefs, Literature Reviews <b>Funding Call #1:</b> Policy Briefs, Literature Reviews, Travel Support		
May 2019	<b>Webinar:</b> Evaluating BC's Economic Policies for Liquefied Natural Gas <b>Funding Deadline #1:</b> Policy Briefs, Literature Reviews, Travel Support		
June 2019	<b>Literature Review:</b> How Social Capital Contribute to Community Based Rural Renewable Energy Projects in Europe and North America <b>Funding Call #2:</b> Policy Briefs, Literature Reviews, Travel Support		
July 2019	<b>Funding Deadline #2:</b> Policy Briefs, Literature Reviews, Travel Support		
August 2019	<b>Funding Call #3:</b> Policy Briefs, Literature Reviews		
September 2019	<b>Webinar:</b> TBD <b>Funding Deadline #3:</b> Policy Briefs, Literature Reviews		
October 2019	<b>Webinar:</b> TBD <b>CRRF2019 Conference Student Presentations</b>		
November 2019	<b>Webinar:</b> TBD		
December 2019	<b>Webinar:</b> TBD		
Dates TBD	Circulation of completed policy briefs, literature reviews, and position papers		
<b>Start date</b>	February, 2019	<b>Anticipated end date</b>	March 31, 2020

### 3. Budget

The revised budget for 2019/2020 is:

Action	Budget	\$ Committed	\$ Paid	\$ Remaining (com)	\$ Remaining (actual)
Project support	\$16,878	\$10,897	\$7,672	\$5,981	\$9,206
Policy Fellow (1)	\$4,000	\$4,000	\$4,000	\$0	\$0
Literature Reviews (13)	\$17,750	\$15,950	\$13,750	\$1,800	\$4,000
Policy Briefs (13)	\$13,000	\$7,000	\$5,500	\$6,000	\$7,500
General Funding	\$28,423	\$27,851	\$21,565	\$572	\$6,858
Other / Contingency	\$3,000	\$2,000	\$2,000	\$1,000	\$1,000
<b>TOTAL</b>	<b>\$83,051</b>	<b>\$67,698</b>	<b>\$54,487</b>	<b>\$15,353</b>	<b>\$28,564</b>