



ALBERNI-CLAYOQUOT REGIONAL DISTRICT

Request for Proposal

Hazard and Risk Vulnerability Assessment RFP - HRVA01-22

Submission Deadline:

May 30, 2022 at 4:00pm Pacific Time

Designated Contact Person:

Shane Koren, Procurement Coordinator

Email procurement@acrd.bc.ca



SUBMISSION DETAILS

This completed Request for Proposal must be received in the office of the Alberni-Clayoquot Regional District **not later than 4:00 PM local time, May 30, 2022** to the attention of:

Shane Koren, Procurement Coordinator

Email procurement@acrd.bc.ca

3008 5th ave, Port Alberni

BC, V9Y 2E3

Note: Office Hours 8:00am to 4:30pm

Paper proposal submissions must have 2 copies and be delivered to the address above in a sealed envelope and labelled "Request for Proposal HRVA01-22 – Hazard and Risk Vulnerability Assessment".

Alternatively, proposals may be submitted by email with the subject line "Request for Proposal HRVA01-22 – Hazard and Risk Vulnerability Assessment" to procurement@acrd.bc.ca.

Enquiries about this request shall be directed to only Shane Koren – Procurement Coordinator.

Email: procurement@acrd.bc.ca

Telephone: 250-720-2724



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SECTION I – GENERAL

1.1 PURPOSE OF REQUEST FOR PROPOSAL (RFP)

The Alberni-Clayoquot Regional District (ACRD) is requesting proposals from qualified Consultants to perform a Hazard and Risk Vulnerability Assessment (HRVA). Further details can be found in Schedule B - Scope of Work and Deliverables. The ACRD is committed to providing its citizens with quality customer service, and we expect this same quality of service from our Consultants.

The ACRD may, among the submissions received, deal or negotiate with any party as the ACRD sees fit, and with more than one such party concurrently. In no event will the ACRD be required to offer any modified terms to any other party. The ACRD shall incur no liability to any person as a result of such negotiations or modifications.

1.2 BACKGROUND FOR RFP

A HRVA is a critical part of a local government's emergency program and is a requirement mandated by the *Local Authority Emergency Management Regulation of the Emergency Program Act*. An HRVA is a process which identifies the likelihood and severity of consequences a community could experience during an emergency event. This process is facilitated by the analysis of:

Hazards - A source of potential harm, or a situation with a potential for causing harm, in terms of human injury; damage to health, property, the environment, and other things of value; or some combination of these;

Risks – A concept that takes into consideration the likelihood that a hazard will occur, as well as the severity of possible impacts to human health, property, the environment, and other things of value;

Vulnerabilities/Resiliencies – The conditions determined by physical, social, economic and environmental factors or processes which increase or decrease the susceptibility of an individual, a community, assets or systems to the impacts of hazards; and,

Impact – The physical/environmental, social, economic and political consequences or adverse effects that may occur as the result of a hazardous event.

Environmental-based hazards, such as storms and urban interface wildfires, are increasing in scope, intensity, and frequency throughout the Alberni-Clayoquot region. These hazards pose a risk to our residents and expose our diverse region to vulnerabilities.



1.3 RFP DISTRIBUTION & ENQUIRIES

Due to the ongoing COVID-19 pandemic, the ACRD will not be opening Proposals in public and reserves the right to open Proposals in public at its sole discretion.

Proponents must ensure that they have received all addenda and the complete RFP. The complete document consists of twenty-two (22) pages including the Cover Page and Appendices.

All enquiries related to this RFP are to be directed in writing, only to Shane Koren (or designate) at the contact address below:

Shane Koren, Procurement Coordinator

Email procurement@acrd.bc.ca

3008 5th ave, Port Alberni

BC, V9Y 2E3

Information obtained from any other source is not official and should not be relied upon. Enquiries and responses will be recorded and will be distributed to all Proponents who have registered with Shane Koren as having received a copy of this RFP.

1.5 RFP TERMINOLOGY

Throughout this RFP terminology is used as follows:

- "must", "mandatory", "required" means a requirement that must be met in order for the proposal to receive consideration;
- "Proponent", "Consultant" means an individual or a company that submits, or intends to submit, a proposal in response to this "Request for Proposal";
- "Proposal" means any proposal made or submitted by anyone in connection with this Request for Proposal or the subject matter hereof;
- "Contract" means a written agreement resulting from this Request for Proposal executed by the Alberni-Clayoquot Regional District and the Contractor, it being understood that it may be the case that no contract will result;



- “ACRD” means the Alberni-Clayoquot Regional District;
- “ACRD Website” means www.acrd.bc.ca;
- “Contractor” means the Proponent(s) who is/are awarded and enters into an Agreement with the Alberni-Clayoquot Regional District for the Services as a result of this RFP.
- “Evaluation Team” means the team appointed by the ACRD;

SECTION II – TERMS & CONDITIONS

2.1 ESTIMATED TIME FRAME

The following timetable outlines the anticipated schedule for the RFP and contract process. The timing and the sequence of events resulting from this RFP may vary and shall ultimately be determined by the ACRD.

EVENT	ANTICIPATED DATE
Request for Proposal is issued	May 3, 2022
Deadline for receipt of questions	May 17, 2022 @ noon
Addenda issued (if required)	May 19, 2022
Request for Proposal closes	May 30, 2022 @ 4:00 PM
Award Date	June 8, 2022
Services commencement date	June 15, 2022

2.2 RESPONSIBILITY OF PROPONENT

Proponents shall be responsible for informing themselves as to the contents and requirements of this RFP. Each proponent is solely responsible to ensure that they have obtained and considered all information necessary to understand the requirements of this RFP and to prepare and submit their proposal. The ACRD will not be responsible for any loss, damage or expense incurred by a proponent as a result of any inaccuracy or incompleteness in this RFP, or as a result of any misunderstanding or misinterpretation of the terms of the RFP on the part of any proponent.

2.3 EVALUATION

An evaluation committee will be reviewing the proposal submissions. The ACRD reserves the right to accept any or none of the proposals submitted.

2.4 PROPOSAL SUBMISSION/CONDITIONS



2.4.1 Proposal Submission

Proposal submissions must include a completed Proposal Submission Form, with all addenda acknowledged.

The Proponent's Submission Form must be fully and properly completed and conform to these Instructions for Submission. Submissions which are incomplete, conditional or obscure may be rejected. Late proposals will not be accepted.

Proposal submissions must be received **no later than 4:00 PM local time on May 30, 2022** in order to be considered.

Proposals on paper must be submitted in a sealed envelope, clearly marked "Request for Proposal HRVA01-22 – Hazard and Risk Vulnerability Assessment", and directed to the person identified under the Submission Details of this Request for Proposal.

Proponents mailing proposals, or sending by courier, should allow sufficient delivery time to ensure the timely receipt by Shane Koren. Alternatively, Proposals may be submitted by email with the subject line "Request for Proposal HRVA01-22 – Hazard and Risk Vulnerability Assessment", to the person identified under the Submission Details of this RFP. If the Proponent chooses to submit by email the following risks are assumed

1. Delays in delivery
2. Rejection of the email
3. Emails may be delayed or rejected due to spam, virus software, or malware
4. Inboxes may become too full
5. The email may be missed and not identified as a submission

2.4.2 Enquiries, Errors, Omissions and Addenda

All communications regarding the submission must be directed to the person(s) identified under the Submission Details of this RFP.

Proponents must obtain their own information on all matters and things that may in any way influence them in making their submissions.

Proponents must satisfy themselves in all respects as to the risks and obligations to be undertaken by them in order to fulfil their obligations.

Communications to the ACRD may be made only by Proponents and not by prospective subcontractors, material suppliers or others.



While the ACRD has taken considerable effort to ensure an accurate representation of information in this RFP, the information contained is supplied solely as a guideline for Proponent. The information is not guaranteed or warranted accurate by the ACRD, nor is it necessarily comprehensive or exhaustive. Nothing in this RFP is intended to relieve the Proponent from forming their opinions and or conclusions with respect to the goods and services as described by this RFP. If a Proponent discovers any inconsistency, discrepancy, ambiguity, or omission in the Proposal Documents, it must notify Shane Koren immediately in writing.

The ACRD may provide additional information, clarification or modification by written addenda. All such addenda shall be incorporated into and become part of the Proposal Documents. The ACRD shall not be bound by verbal or other information explanations or clarifications not contained in such addenda.

Proponents should note that the Proposal Submission Form requires an acknowledgement of receipt of all addenda. Parties submitting proposals are responsible to ensure that they are aware and have received all addenda, and are advised to check immediately prior to submitting their Proposal Submission Form.

The ACRD will assume that all statements, verbal or in writing, made by persons submitting Proposals are true, accurate, complete and not misleading. All such statements will constitute representations and warranties made to the ACRD.

Requirements outlined in the RFPs shall not be interpreted in a way that would exclude warranties as to fitness for the purpose, suitability, or any other implied warranties.

2.4.3 Conditions

Proponents are advised that after receipt of proposals they may be required to provide to the ACRD additional information concerning themselves or their Proposal including further details or breakdowns, and additional information to clarify whether a proposal meets the mandatory requirements set out in this RFP

Proposals which contain qualifying conditions or otherwise fail to conform to these Instructions for Submissions may be disqualified or rejected.

2.4.4 Freedom of Information and Privacy Protection Act (FOIPPA)

The ACRD advises Proponents that submissions may be subject to the provisions of *FOIPPA* and *the Community Charter*. Proponents who wish to ensure particular parts of their submission are protected from disclosure under *FOIPPA* should specifically identify those portions that constitute a) trade secrets, and b) that are supplied in confidence, and c) the release of which could significantly harm their competitive position. Information that does not meet all three of the foregoing criteria may be



subject to disclosure to third parties. Personal information provided in the submission will be collected pursuant to *FOIPPA* and the *Community Charter*. The personal information will not be released except in accordance with the *FOIPPA*.

2.4.5 Confidentiality

All submissions become the property of the ACRD and will not be returned to the Proponent. All submissions will be held in confidence by the ACRD unless otherwise required by law.

2.4.6 Conflict of Interest and Legal Proceedings

Proposals will not be evaluated if the Proponent's current or past corporate or other interests are, in the reasonable opinion of the ACRD, deemed or perceived to be a conflict of interest in connection with this RFP or the activities or mandate of the ACRD.

The ACRD reserves the right to disqualify or reject a proposal in whole or in part where the Proponent or its directors, officers, shareholders or any person associated with the Proponent has a claim or has initiated a claim or legal proceeding against the ACRD with respect to any previous contracts, tenders or business transactions.

2.4.7 Changes to Proposal

By submission of a clear and detailed written notice, the proponent may amend or withdraw its proposal prior to the closing date and time. The Proponent will not change the wording of its Proposal after closing and no words or comments will be added to the Proposal unless requested by the ACRD for clarification.

2.4.8 Proponent's Expenses

Proponents are solely responsible for their own expenses in preparing and submitting Proposals and for any meetings, negotiations or discussions with the ACRD or its representatives and consultants, relating to or arising from this RFP. The ACRD and its representatives, agents, consultants and advisors will not be liable to any Proponent for any claims, whether for costs, expenses, losses or damages, or loss of anticipated profits, or for any other matter whatsoever, incurred by the Proponent in preparing and submitting a Proposal, or participating in negotiations for an Agreement, or other activity related to or arising out of this RFP.

2.5 ADDENDA

If the ACRD determines that Addendum or Question & Answer response is necessary, the ACRD will post an Addendum on the ACRD and Bid BC Websites and shall become part in parcel of the RFP Document(s).



- Questions for clarification that alter the method, pricing and or specifications of the submissions will be posted in the form of an Addenda and must be signed and included with the submission.
- Questions for clarification that do not alter the method and pricing of the submission will be posted in the form of a Question and Answer document and will not require to be signed and returned with the submission.

It is the responsibility of the Proponent to ensure that it has retrieved any Addenda as posted. Proponents are required to check the ACRD’s Website for all information.

2.6 OFFER ACCEPTANCE

Proponents are requested to keep their proposals open for acceptance for a period of thirty (30) days after the closing date for receipt of proposals. Proposals will be assessed during the evaluation of the proposals and any alteration could adversely impact the evaluation and ranking of the proposals

2.7 EVALUATION TEAM & CRITERIA

The evaluation of Proposals will be undertaken on behalf of the ACRD by the Evaluation Team. The Evaluation Team will give written recommendation for the selection of a Preferred Proponent(s) to the ACRD Board.

The Evaluation Team will compare and evaluate all Proposals to determine the Proponent’s strength and ability to provide the Services in order to determine the Proposal which is most advantageous to the ACRD; using the following criteria:

Evaluation Criteria	Points	Weighting	Max Score	Section
Experience and Qualifications	/10	2.0	20	3.1
Project Understanding	/10	2.5	25	3.2
Approach and Schedule	/10	2.5	25	3.3
Social Procurement	/10	0.5	5	3.4
References	/10	1.0	10	3.5
Total (Non Monetary)			80	
Price	20	N/A	20	3.6
Total			100	

Prices will be evaluated on a value per point basis: (Lowest Price / Proponent price)*20.

Points will be assigned for each criteria based on the information provided in the RFP. Scoring shall be awarded on a scale of 0 to 10, where the range is defined as follows:



0-3	Incomplete response Doesn't meet expectations Missing/mismatched attributes Poor level of details in response Unsupported claim(s)
4-7	Mostly complete response Partially meets expectations Partially fits desired attributes Medium level of detail in response Partially supported claim(s)
8-10	Meets or exceeds expectations Strongly fits desired attributes High level of detail in response Well-supported claim(s)

Note: Ratings have been noted in the Points column, and evaluation within each area of evaluation criteria will be done at the complete and total discretion of the Alberni-Clayoquot Regional District.
Note: Ratings have been noted in the Points column, and evaluation within each area of evaluation criteria will be done at the complete and total discretion of the ACRD. Submission to RFP, which is to be completed by the Proponent, must align with the above criteria.

2.8 NEGOTIATIONS

The top-ranked Proponent will be invited to enter into direct contract negotiations to finalize the agreement with the ACRD.

Negotiations will not constitute a legally binding offer to enter into a contract on the part of the ACRD or the proponent and there will be no legally binding relationship created with any proponent prior to the execution of a written agreement.

The Alberni Clayoquot Regional District may terminate contract negotiations with any proponent and enter into contract negotiations with the next highest-ranked proponent if, in the opinion of the ACRD at any time, the contract negotiations with the initially selected proponent will not be satisfactorily completed in its best interests.

The ACRD may, at its sole discretion, reject any or all Proposals at any time throughout the proposal evaluation, proponent selection, or contract negotiation process.

SECTION III – SUBMISSION REQUIREMENTS

It is the sole responsibility of each Proponent to ensure their Proposal contains all required information. Failure to follow the instructions contained in this RFP may result in the Proposal being



deemed non-compliant in which case, it will be returned to the Proponent and receive no further consideration.

Schedule “A” contains the Form of Proposal and must be submitted with each proposal.

Schedule “B” contains Scope of Work details and Deliverables. Please refer to this, when applicable, when responding to the below.

The budget for this project is a maximum of \$40,000.00 including all fees and expenses.

Note: Although every attempt will be made to meet all dates, the ACRD reserves the right to modify any or all dates at its sole discretion at any time.

3.1 EXPERIENCE & QUALIFICATIONS

- Letter of introduction
- Proponent’s relevant experience and qualifications in delivering services similar to those required by the RFP;

3.2 PROJECT UNDERSTANDING

- Proponents should clearly demonstrate their understanding of the project requirements outlined in the RFP in their proposal. Identify the key goals that you expect to address through this project and discuss how your team will deliver on these goals.
- Proponents should provide access to at least one example of a HRVA produced by your team.

3.3 APPROACH AND SCHEDULE

- Provide a schedule for completion of tasks and deliverables identified in your work plan. Clearly show milestone dates for completion of key deliverables.
- Clearly identify how you intend to engage with, and communicate information and results, to stakeholder advisory groups and a broader audience as requested. Clearly indicate your proposal’s assumptions for the number, and timing, of stakeholder meetings throughout this project. Clearly indicate your proposal’s assumptions for the number, and timing, of presentations.
- Outline your approach to communications and project management throughout the project, including timing, form and general content of progress updates to ACRD project staff.
- Discuss how you will work with the ACRD on review and input respecting deliverables. Clearly outline time allotted in your schedule for reviews and revisions.
- Clearly identify all services included in this proposal along with any optional, excluded services, or those services assumed to be provided by others.



3.4 SOCIAL PROCUREMENT

Please complete the table below concerning the application of Social Procurement principles and practices in your operations and/or performance of works. Contractors may be required to provide certificates and / or 3rd party validation where applicable.

	Social Procurement Principles or Practices	Yes	No	Describe where applicable	Maximum Points
1	In the last three years, has the Proponent implemented any programs or initiatives to ensure greater economic opportunity and community integration for equity-seeking groups?				5
2	Does the Proponent work with employment support services or contract within the communities you operate?				5
3	Does the Proponent work with Social Enterprises in any manner?				5

3.5 REFERENCES

Proponents shall include three (3) references of relevant experience for which they have provided similar services. With each reference, proponents shall include the organization's name, address, phone number, as well as the name and position of a person the ACRD may contact at the organization. The ACRD reserves the right to contact references without prior notification to the proponent.

3.6 PRICE

Proponents should state the hourly rate and estimated hours as follows:

Hourly Rate	Hours to Completion	Total Price

3.7 INTERVIEWS



Due to the global pandemic, no in-person interviews will be permitted with the Evaluation Team. The Evaluation Team may, at its discretion, invite some or all of the Proponents to a conference call or video interview to provide clarification of their Proposals. In such event, the Evaluation Team will be entitled to consider the answers received in evaluating Proposals.

SECTION IV – SPECIFICATIONS

4.1 ACCEPTANCE OF TERMS

All the terms and conditions of this RFP are assumed to be accepted by the Proponent and incorporated in its Proposal.

4.2 THE ACRD RESERVE RIGHTS

The ACRD reserves the right to:

1. Waive any irregularity or insufficiency in any Proposal, whether material or not;
2. Accept the Proposal which is deemed most favorable to the interest of the ACRD;
3. Accept any Proposal in whole or in part;
4. Negotiate with the selected Proponent(s);
5. Contact references other than, or in addition to, those furnished by the Proponent.

4.3 NOTIFICATION OF AWARD

If negotiations result in agreement on the terms of a contract, the successful Proponent(s) will be notified in writing and required agreeable obligations will need to be fulfilled before the executing the Contract.

4.4 TERM OF AGREEMENT

It is anticipated that the Contract term, upon acceptance of proposal(s), shall be June 15, 2022 – March 31, 2023.

SECTION V – RFP PARTICULARS

The ACRD will require the selected Proponent to undertake the following responsibilities in accordance with the following. It is anticipated that the below sections 5.1, 5.2 and 5.3 will be incorporated into the contract with the successful Proponent(s).

5.1 CONTRACT CONDITIONS



The Proponent will be required to provide the ACRD with evidence of the following **upon execution and delivery of the Contract**

- General Liability Insurance (\$2,000,000.00)
- Letter of Good Standing from WorkSafe BC or WorkSafe BC Personal Optional Protection

The Proponent must adhere to the following **upon execution and delivery of the Contract**

- All Public Health Orders within the jurisdiction being operated in

The Proponent will be required to provide the ACRD with evidence of the following **upon closure of the Contract**

- Delivery of web ready files sized to 10 MB or less for all reports that are created for public consumption, including attachments for staff reports that will be posted to the ACRD website.



SECTION VI – APPENDICES

Schedule A – Form of Proposal

Schedule B – Scope of Work and Deliverables



SCHEDULE A: FORM OF PROPOSAL

RFP NO.: HRVA01-22
PROJECT: HAZARD AND RISK VULNERABILITY ASSESSMENT
CLOSING: May 30, 2022 @ 4:00 PM

1. PROPOSAL SUBMISSION

Company Name:		
Address:		City:
Postal Code:	Phone:	Fax:
Email:		Date:
Signature of Proponent:		Print Name:
Title of Proponent:		

To: The Alberni-Clayoquot Regional District

RFP Project Title: HAZARD AND RISK VULNERABILITY ASSESSMENT

I/We, the undersigned duly authorized representative of the Proponent, having received and carefully reviewed all of the Proposal documents, including the RFP and any issued addenda posted on the Alberni-Clayoquot Regional District Website, and having fully informed ourselves as to the intent, difficulties, facilities and local conditions attendant to performing the Services, submit this Proposal in response to the RFP.

I/We confirm that this Proposal is accurate and true to best of my/our knowledge.

This Proposal is submitted this _____ day of _____, 20__.

I/We have the authority to sign on behalf of the Proponent.

 Authorized Signature

 Name and Title

 Date



SCHEDULE B: SCOPE OF WORK & DELIVERABLES

The budget for this project is a maximum of \$40,000.00 including all fees and expenses, which includes any administrative fees, charges for printing, copying and couriers, travel expenses, accommodation expenses, meals, public engagement room rentals.

The scope of work includes all of the following:

The Alberni-Clayoquot Emergency Programs, include the Alberni-Clayoquot Regional District six electoral areas (Long Beach, Bamfield, Sproat Lake, Cherry Creek, Beaufort, Beaver Creek) and the City of Port Alberni, and are seeking a consultant to lead and deliver the HRVA project. The intent is to develop a collective community understanding of what emergency hazards exist in the Alberni-Clayoquot region, and what activities we can do as individuals and as community to improve our awareness and ability to withstand these emergencies. The communities in this project are defined into the following three geographical community categories: 1) Alberni Valley, 2) Bamfield Electoral Area, 3) Long Beach Electoral Area. The consultant should follow a similar process to the suggested steps in the EMBC HRVA process and include requirements described in the National Disaster Mitigation Program Risk Assessment Information Template.

The HRVA will be completed by March 15, 2023, and include the participation of local community members, provincial government, emergency response agencies, subject matter experts, First Nations and Elected Officials. It is anticipated that community engagement will be conducted in each of the three geographical areas utilizing in-person and online opportunities (subject to any Public Health Orders). It will at minimum answer the following questions:

- What hazards are likely to occur in our communities?
- How resilient are our communities?
- How is climate change affecting the likelihood of hazards?
- How severe will the impact be on the communities' population, property, infrastructure and environment?
- What risk reductions strategies can we implement in the communities?

Factors considered in developing a list of hazards for the Alberni-Clayoquot region include:

- Demographics
- Geography and Geology
- Industry and Other Technologies
- Transportation Modes and Routes
- Weather and Climate
- Existing background studies

The project will need to:

1. Indicate the potential risk to the affected communities through hazard identification, vulnerability analysis, likelihood assessment, risk assessment, identify climate change considerations and impacts and assess community resilience;



2. Identify areas in which the risk tolerance is unacceptable and form the basis to mitigate actions in the future;
3. Identify and inform emergency response program development; current and future land use planning, including official community plans, zoning, bylaws and development permits; and other adaptation/mitigation measures.

The deliverables include all of the following:

1. Project Plan
2. Completed hazard list (for each of the three geographical communities)
3. Community Vulnerability and Resiliency Index (including a description of existing risk reduction measures, critical assets/infrastructure, social and economic vulnerabilities, physical and environmental vulnerabilities, and underlying risk drivers for each of the three geographical communities)
4. Assess/confirm likelihood and consequence ratings (for each of the three geographical communities) using workshops, interviews to gather traditional knowledge, historical data, existing hazard-specific reports/reviews
5. Complete Risk Matrix with Hazard Priority Ranking (for each of the three geographical communities)
6. Risk Reduction Strategy Report (including existing risk reduction measures already in place and new risk reduction measures for each of the three geographical communities)
7. Final HRVA report and Board Meeting Presentation to the ACRD Board of Directors to summarize activities and results for the Alberni-Clayoquot region.

The deliverables specifications include all of the following:

GIS Deliverables should meet the following requirements:

1. Maps and GIS data needs to be in the following formats:
 - a. ESRI shape file
 - b. ESRI file Geodatabase

Technical Reports:

Required Delivery Format for Calculations, Reports, Drawings, Schedules, and Presentations

- All reports shall be provided in Microsoft Word.
- All calculation spreadsheets shall be provided in Microsoft Excel format.
- All presentations shall be provided in Microsoft PowerPoint format.
- All deliverables must be in native file format, editable by the ACRD. Passwords must be provided for any password-protected files. In the case of documents containing a professional stamp, an editable, non-stamped version must also be provided to allow for formatting adjustments to be made by the ACRD.

Support and Resources:

The HRVA process will require support from an advisory team. The advisory team will be established in partnership with ACRD emergency program staff. Members who may help inform the project may include industry, First Nations, volunteers, emergency agencies, neighbouring communities, and government participants. Community engagement will also be required and will need support from the consultant. The consultant will be required to manage project tasks and timelines; prepare work plans, delegate tasks, and prepare progress reports; engage subject matter experts in the HRVA process; facilitate meetings; and prepare and give presentations to the community and elected officials.

EMBC HRVA Companion Guide: https://www2.gov.bc.ca/assets/gov/public-safety-and-emergency-services/emergency-preparedness-response-recovery/local-government/hrva/guides/companion_guide_to_the_hrva.pdf

National Disaster Mitigation Program Risk Assessment Information Template:
<https://www.publicsafety.gc.ca/cnt/mrgnc-mngmnt/dsstr-prvntn-mtgtn/ndmp/fls/ndmp-ra-it-en.pdf>

ACRD Specific Hazard Assessments and Reports:

Dam Safety

- BC Hydro Emergency Planning Guide – Ash River/Elsie Dam
- Catalyst Emergency Response Plan – Stamp River & Robertson Creek Dams
- Port Alberni Dam Safety Review – Bainbridge Lake Dam
- Cherry Creek Waterworks District – Lacey Lake Dam Break Analysis

Flooding

- Somass Watershed Flood Mapping <https://www.acrd.bc.ca/flood-mapping?hlpage=2>

Tsunami

- What's That Sound? Public & Official Perceptions of the January 2018 Tsunami Warning and Evacuation in the Alberni Valley. March 2019. Dr. Ryan Reynolds, Alexa Tanner.
<https://www.ryanreynolds.ca/whats-that-sound>

Fire

- Community Wildfire Prevention Plan (Alberni Valley & Bamfield) <https://www.acrd.bc.ca/fire>
- Community Wildfire Prevention Plan – Proposed in 2022 (Long Beach Electoral Area)

Emergency Plans

- Alberni Valley Emergency Plan (2014) <https://www.acrd.bc.ca/acrdemergencyprogram>
- Bamfield Emergency Plan (2019) <https://www.acrd.bc.ca/acrdemergencyprogram>
- Long Beach Emergency Plan (2020) <https://www.acrd.bc.ca/acrdemergencyprogram>



- Alberni Valley Evacuation Route Plan (2022) <https://www.acrd.bc.ca/evacuation-plan>

Official Community Plans

- ACRD Official Community Plans <https://www.acrd.bc.ca/ocp>
- City of Port Alberni Official Community Plan [https://portalberni.ca/official-community-plan#:~:text=The%20Official%20Community%20Plan%20\(OCP,and%20our%20region%20is%20growing.](https://portalberni.ca/official-community-plan#:~:text=The%20Official%20Community%20Plan%20(OCP,and%20our%20region%20is%20growing.)

Other

- Catalyst Environmental Emergency (E2) Information - Sulphur Dioxide
- Island Health – 2021 Medical Health Officer Memo – Wildfire Smoke
- Island Health – 2021 Medical Health Officer Memo – Extreme Heat