

**Council
Approved Minutes
January 18, 2021 at 5:00 p.m.**

1. Call to Order	Mayor Boyer called the meeting to order at 5:00 p.m.
2. Present	Mayor Amery Boyer (Chair), Deputy Mayor Pat Power, Councillor Holly Sanford, Councillor Paula Hafting, Councillor Michael Tompkins, Chief Administrative Officer (CAO) Sandi Millett-Campbell, Recording Secretary Taylor Robinson. Two members of the public joined the meeting to provide a presentation. All members joined via Zoom.
3. Absent	None
4. Additions to the Agenda	Under Section 12. REPORTS FROM COMMITTEES, BOARDS, AND COMMISSIONS xiv. Friends of Annapolis Pool Society
5. Approval of the Agenda	MOTION #C2021-01-18-01 It was moved by Councillor Sanford, seconded by Councillor Tompkins to approve the January 18, 2021 agenda as amended. Motion carried.
Edits to the Minutes	None
6. Approval of the Minutes	<p>i. Council Minutes – December 21, 2020 MOTION #C2021-01-18-02 It was moved by Councillor Hafting, seconded by Councillor Tompkins to approve the December 21, 2020 Council minutes as presented. Motion carried.</p> <p>ii. Public Hearing Minutes – December 21, 2020 MOTION #C2021-01-18-03 It was moved by Deputy Mayor Power, seconded by Councillor Sanford to approve the December 21, 2020 Public Hearing minutes as presented. Motion carried.</p>

7. PUBLIC INPUT: None

8. PRESENTATIONS:

- i. Annapolis Climate & Ecological Research Centre – Dr. Peter Nicholson
Dr. Nicholson provided a presentation to Council on the concept of the Annapolis Climate & Ecological Research Centre (ACERC). Five members have gathered to create the coalition to find a way to repurpose the tidal power station as a world-class research center dedicated to helping with climate change. Dr. Nicholson explained what climate change means and what the consequences are for this part of the world. ACERC has stakeholders and contacts already established and are working towards developing a more formal proposal. A part of the organization's next step is finding financing and it was noted that there are many potential resources. Council confirmed that they are excited about the potential opportunity and thanked Dr. Nicholson for the presentation.

9. BUSINESS ARISING:

- i. State of Emergency
CAO Millett-Campbell reported that cases are staying low throughout all zones in Nova Scotia, but the Province is asking everyone to continue to follow all public health guidelines. Council

and sub-committee meetings remain virtual. It was noted that anyone can attend the meetings if they contact Town Hall administration and ask to be sent the Zoom link.

ii. Strategic Planning

Mayor Boyer stated that there is a strategic planning session with the management team on January 21, 2021 where they will be working on the draft plan to be presented to the community. It was mentioned that there will be two opportunities for public input in January and February.

10. NEW BUSINESS

i. Accessibility Committee Appointment

Council reviewed the application and agreed to appoint Sharon Elliott to the Accessibility Committee.

MOTION #C2021-01-18-04

It was moved by Councillor Sanford, seconded by Councillor Tompkins to appoint Sharon Elliot to the Accessibility Committee for a term of 1 year until December 2021. **Motion carried.**

ii. Service Recognition Program

Mayor Boyer recognized four employees of the Town for their years of great work and dedication. Monica Mills has been working for the Town for 10 years, Sandi Millett Campbell has been working for the Town for 16 years, Melony Robinson has been working for the Town for 17 years, and Kevin McLean will have completed 30 years of employment with the Town in March 2021. Council agreed that it is a pleasure to deal with all four individuals and thanked them for their commitment.

iii. February's Council Meeting Date

CAO Millett-Campbell explained that February's Council date falls on a holiday and therefore Council needs to make a motion to move it to the following day.

MOTION #C2021-01-18-05

It was moved by Councillor Hafting, seconded by Councillor Sanford to change the February Council meeting from the 15th to the 16th starting at 4:30 p.m. due to Heritage Day. **Motion carried.**

11. RECOMMENDATIONS FROM COMMITTEES, BOARDS, AND COMMISSIONS

Committee of the Whole

MOTION #C2021-01-18-06

It was moved by Deputy Mayor Power, seconded by Councillor Sanford that Council approve the Capital Equipment Replacement Policy for the 2021/2022 fiscal year with the updated Appendices A and B. **Motion carried.** (1 Nay: Councillor Tompkins)

MOTION #C2021-01-18-07

It was moved by Councillor Sanford, seconded by Councillor Tompkins that Council removes the toll-free line from the Town of Annapolis Royal immediately and save \$225.24. **Motion carried.** (1 Nay: Councillor Hafting)

Marketing & Economic Development Committee

MOTION #C2021-01-18-08

It was moved by Councillor Tompkins, seconded by Councillor Sanford that the Town take a hiatus and not participate in the 2021 County of Annapolis Volunteer Award Program. Instead, the Town will develop its own program to recognize all volunteers and promote community engagement. **Motion carried.** (1 Nay: Councillor Hafting)

MOTION #C2021-01-18-09

It was moved by Councillor Hafting, seconded by Councillor Sanford that Council agree that Dugua Day be postponed by one year, and that the Council extend a formal invitation to the Royan delegation for the (re-scheduled) inaugural Dugua Day on June 18, 2022. **Motion carried.**

Board of Police Commissioners

MOTION 1 (TABLED TO BUDGET)

...that Council agree that the Police Department maintain two working vehicles and follow the recommendation from Chief Kane to have both vehicles marked.

MOTION #C2021-01-18-10

It was moved by Councillor Sanford, seconded by Councillor Hafting that Council approve the Geotech assessment on the Town property PID #05287016 to a maximum of \$3,500. **Motion carried.** (1 Nay: Councillor Tompkins)

12. REPORTS FROM COMMITTEES, BOARDS, AND COMMISSIONS:

- i. Mayor's Report – Mayor Boyer
Mayor Boyer reported that she attended an orientation day for Valley Waste in the absence of Council representatives on January 13th and shared the challenges that the organization is dealing with. It was suggested that Council's focus be on supporting Valley Waste by pushing for a documented operational multi-year plan.
- ii. Chief Administrative Officer's Report – CAO Millett-Campbell
Council reviewed the report. CAO Millett-Campbell mentioned that she completed leadership training last week and stated that it was a great course put on by the International Project Management Association (IPMA). It was noted that there were some issues with the accessibility doors at the library but that these have since been resolved, and Town staff are working diligently on grant proposals.
- iii. Planning Services Report
Deputy Mayor Power asked about the development at Fortier Mills. CAO Millett-Campbell stated that there is currently one new house being built at Fortier Mills and a potential for another one in the near future.
- iv. Water Report
Council reviewed the report.
- v. Marketing and Economic Development Committee – Councillor Tompkins

Councillor Tompkins updated Council. The Committee is reviewing the mandate of the Committee and members were also asked to present potential ideas/projects at January's meeting to be reviewed in February.

- vi. REMO – Mayor Boyer
Mayor Boyer stated that the next meeting is January 26, 2021 at 7:00 p.m.
- vii. Planning and Heritage Advisory Committee – Councillor Sanford
Councillor Sanford reported that the Committee did not meet in January.
- viii. Traffic Flow Advisory Committee – Councillor Tompkins
Councillor Tompkins reported that the Committee did not meet in January.
- ix. Board of Police Report – Deputy Mayor Power
Deputy Mayor Power stated that interviews were held for the term position and Police Chief Mark has offered the position to one of the candidates. There is a new format for the Chief's Report that is very easy to follow and the "Cram the Cruiser" event was very successful. Deputy Mayor Power noted that the Police Department is looking at the False Alarm By-law to ensure uniformity.
- x. Library Report – Deputy Mayor Power
Deputy Mayor Power reported that the Regional Board does not meet in January. The Friends of Annapolis Library are currently working on their by-laws.
- xi. Valley Waste Resource Management – Deputy Mayor Power
Mayor Boyer updated Council on Valley Waste in the Mayor's Report.
- xii. Environment Advisory Committee – Councillor Hafting
Councillor Hafting informed Council that the Committee appointed John Bottomley as the new Chair and the FCM Partners for Climate Protection Milestone 5 report has been forwarded to strategic planning.
- xiii. Academy Condo Board – CAO Millett-Campbell
CAO Millett-Campbell stated that Mayor Boyer will be taking her place at the Condo Board meeting on January 19, 2021.
- xiv. Friends of Annapolis Pool Society – Councillor Hafting
Councillor Hafting reported that the treasurer position is vacant, and that the Society is also very busy writing grant proposals for the upcoming season. FAPS has accepted help from a student from Cleaning Annapolis River Project (CARP) who has offered guidance to help find energy efficient options and grants for the pool.

13. CORRESPONDENCE: None

MOTION #C2021-01-18-11

It was moved by Councillor Tompkins, seconded by Councillor Sanford to move in-camera at 6:33 p.m. to discuss the lease of municipal property. **Motion carried.**

14. IN CAMERA:

Under Section Under Section 22(2) of the *Municipal Government Act*:

Approval of Minutes:

- i. Council In-Camera Minutes – December 21, 2020

Business Items:

- i. Lease of Municipal Property

MOTION #C2021-01-18-13

It was moved by Deputy Mayor Power, seconded by Councillor Sanford to move out of in-camera at 6:47 p.m. **Motion carried.**

15. ADJOURNMENT: Regularly moved to adjourn 6:47 p.m.

16. NEXT MEETINGS:

Valley Waste Regional Management, January 20th @ 9:00 a.m.
Strategic Planning Session, January 21st @ 5:00 p.m.
Elected Officials Training on REMO, January 26th @ 7:00 p.m.
Planning & Heritage Advisory Committee, February 1st @ 9:00 a.m.
Environment Advisory Committee, February 3rd @ 2:00 p.m.
Committee of the Whole, February 4th @ 5:00 p.m.
Marketing & Economic Development Committee, February 9th @ 6:00 p.m.
Board of Police Commissioners, February 10th @ 10:00 a.m.
Traffic Flow Advisory Committee, February 11th @ 9:00 a.m.
Council, February 16th @ 5:00 p.m.
Valley Waste Regional Management, February 17th @ 9:00 a.m.

Mayor Amery Boyer

Recording Secretary Taylor Robinson



Annapolis Climate & Ecological Research Centre
presentation materials for
Town of Annapolis Royal Council
January 18, 2021



ACERC COALITION MISSION

The mission of the ACERC Coalition is to promote the repurposing of the Annapolis Tidal Station as a world-class research centre focused on mitigating and adapting to the impacts of climate change on coastal communities and ecosystems.

ACERC COALITION VISION

Our vision is to bring together government, academia and private enterprise to establish the Annapolis Climate and Ecological Research Centre on the site of the former Annapolis Tidal Station by 2025. The exposure of the area to marine-related effects of climate change makes the existing facility an ideal site for pure and applied research regarding practical ways to cope with the impacts of climate change on coastal communities and ecosystems.

ACERC COALITION PROJECT MANDATE

Nova Scotia Power's Annapolis Tidal Station facilities and property straddle both the freshwater river and saltwater side of the Annapolis Causeway, encompassing approximately 12 acres across four individual lots and two civic addresses. The properties have a total assessed value of approximately \$19.5 million, however, they are tax exempt with an annual grant in lieu of taxes being paid to the Town of Annapolis Royal.

Repurposing of Nova Scotia Power's tidal power plant site into a world-class climate and ecological research centre would include the following:

- Use of the main Tidal Power Plant facility located at 236 Prince Albert Road / Hwy 1 to house ACERC's interpretive facility, meeting and presentation spaces and marketing and communications offices.
- Use of warehouse facility located at 211 Prince Albert Road / Hwy 1 to house research facilities and labs; meeting and presentation rooms; academic space for potential partners such as Dalhousie and Acadia Universities, and Nova Scotia Community College; space for Clean Annapolis River Project (CARP); climate and ecology focused government and non-governmental organizations; and



outreach offices for Canada's Ocean Supercluster and COVE (Centre for Ocean Ventures and Entrepreneurship).

- Use of vacant riverside land as an outdoor presentation area; an academic testing site; and scaled solar panel, wind turbine, and geothermal power installation space.
- Access to boat launch facilities on the riverside at adjacent Annapolis River Causeway Park.
- Potential redevelopment and expansion of boat launch and moorage currently serving fishermen on the saltwater side of the Causeway.
- Access to Annapolis Royal's town wharf and floating dock.
- Access to local fishing fleets and local fishers.
- Access to indigenous knowledge of the Kespuwitk region from Bear River (L'Sitkuk) First Nation.

Unique differentiators include the following:

- The site, which experiences some of the highest tides in the world, is perfectly situated for research into mitigation of, and adaptation to, the effects of sea level rise - with 95% of the Town of Annapolis Royal projected to be below annual flood level by 2030 and at risk of permanent inundation by 2050 (see flood map images).
- The oldest European settlement in Canada, Annapolis Royal is considered the "Cradle of Our Nation" for its prominent role in the early origins and pivotal events that shaped our country. It is the home of four National Historic Sites contained within its National Historic District.
- Other nearby National Historic Sites and communities along the Annapolis River and Annapolis Basin (see flood map image) are also at risk of sea level flooding,



making the need for a collective sea level rise mitigation solution for the region a critical factor in the survival of Canada's oldest national historic sites.

- The site is centred on agricultural production both upstream and downstream, and presents an opportunity to study the impact of, and solutions for, sea level rise in relationship to agricultural production and freshwater water supplies.
- The site presents an opportunity to study the recovery of local Striped Bass and Atlantic Sturgeon populations which appear to be rebounding since the power plant stopped running.
- The site also presents an opportunity to study and contribute to the rehabilitation of the Annapolis River after decades of man-made intervention and impact.
- The site, near Annapolis Royal's Ducks Unlimited Wetland, is located within the Cooperative Zone of the UNESCO Southwest Nova Biosphere Reserve where there has been intensive research for years due to the unique flora and fauna and protected biodiversity in the near pristine wilderness of Kejimikujik National Park and the Tobeatic Wilderness Area.
- There are strong collaborations for environmental research and monitoring among land users and local and educational institutions within the region.
- The site includes a helipad, useful for transport or aerial research and monitoring.

Potential outcomes from a climate and ecological research centre include the following:

- ACERC has the potential to generate economic development benefits for the Town of Annapolis Royal, the County of Annapolis and the Town and County of Digby through local and regional servicing and support of the centre's personnel and operational needs.



- ACERC has the potential to provide climate science and related ecological research to inform the development of policy and initiatives provincially, nationally, and globally.
- ACERC could expand cross-sectoral collaboration and support accelerated innovation and entrepreneurial opportunities arising out of its research with a potential on-site presence of Canada's Ocean Supercluster.
- ACERC has the potential to contribute sea level rise mitigation solutions for the protection of waterfront communities throughout Nova Scotia, nationally and globally.
- ACERC has the potential to share its knowledge with the world through hosting conferences, creating local and regional opportunities for accommodations and conference facilities such as the Annapolis Basin Conference Centre.
- ACERC has the potential to further research into the impact of climate change on food production areas in areas under threat of sea level rise.



COMPARABLE FACILITIES

Research facilities of this nature exist in various locations across Canada and around the globe. This is a short list of comparable facilities for your reference.

Bamfield Marine Sciences Centre - <http://www.bamfieldmsc.com/>

Established in 1972, this world-class research centre on Canada's West Coast is relatable to ACERC in terms of its geographic location and accessibility. Bamfield, BC, has a year-round population of about 180 people and is a 3.5 hour drive from Victoria, BC.

Centre for Ocean Ventures & Entrepreneurship (COVE) - <https://coveocean.com/>

Launched in 2018 in Halifax, on the site of a former Coast Guard station, COVE is a collaborative facility for applied innovation in the ocean sector with a primary goal of supporting ocean technology commercialization. This venture occurred through a partnership between private enterprise, academia, and provincial and federal government.

Offshore Energy Research Association (OERA) - <https://oera.ca/>

This non-profit organization established in Halifax, NS, in 2006, serves as an independent and impartial knowledge and capacity builder helping Nova Scotia move toward a more sustainable energy future. It is a collaboration of provincial and federal governments with industry associations, other research facilities and academia.

Summerland Research & Development Centre - <http://bit.ly/SummerlandRDC>

Summerland RDC was established in 1914 in the heart of the Okanagan Valley, BC. Research addresses the mitigation of environmental pressures, control of biological threats and integration of sustainable production and processing systems for the delivery of high quality, value-added horticultural and agri-food products.



POTENTIAL STAKEHOLDERS

The ACERC Coalition anticipates inviting all relevant stakeholders to be a part of the Coalition. The possible stakeholders could include, but are not limited to, the following:

Nova Scotia Power

Municipal Representatives:

- Town of Annapolis Royal, Mayor Amery Boyer
- County of Annapolis, Warden Alan Parish

Province of Nova Scotia & Departments:

- Stephen McNeil, MLA
- Labour & Advanced Education
- Environment
- Business (Develop Nova Scotia, InnovaCorp, NSBI)
- Agriculture

Government of Canada & Departments:

- Chris d'Entremont, MP
- Innovation, Science and Industry
- Agriculture and Agri-Food
- Economic Development (ACOA)
- Infrastructure and Communities
- Environment & Climate Change
- Fisheries and Oceans

Academic Representatives:

- Acadia University
- Cape Breton University
- Dalhousie University
- Mount Saint Vincent University
- Nova Scotia Community College
- St. Francis Xavier University
- Saint Mary's University
- University of King's College



- Out of province academics (UNB, NBCC, UofT, etc.)

NGOs & Not-For-Profits:

- Canada's Ocean Supercluster
- CARP (Clean Annapolis River Project – Levi Cliche, Executive Director)
- COVE (Centre for Ocean Ventures & Entrepreneurship - Melanie Nadeau, CEO)
- National Trust of Canada (Natalie Bull, Executive Director)
- OERA (Offshore Energy Research Association - Alisdair McLean, Executive Director)

POTENTIAL CORPORATE FUNDING PARTNERS

- Acadian Seaplants
- Bell Aliant
- Eastlink
- Emera, Inc.
- Irving
- Municipal Group of Companies
- Sobey's

POTENTIAL FOUNDATION FUNDING PARTNERS

- Alexander Graham Bell Foundation - <https://agbfoundation.ca/>
- Aguacene Fund - <http://www.aguacene.com/>
- Charles Stewart Mott Foundation - <https://www.mott.org/work/environment/>
- Clif Bar Family Foundation - <http://clifbarfamilyfoundation.org/>
- David Suzuki Foundation - <https://davidsuzuki.org/>
- Donner Canadian Foundation - <https://www.donnerfoundation.org/>
- Dragonfly Ventures - <https://www.dragonflyventures.ca/>
- Ivey Foundation - <https://www.ivey.org/>
- J.D. Irving Foundation - <https://jdirving.com/>
- Lawson Foundation - <https://lawson.ca/>
- McConnell Foundation - <https://mcconnellfoundation.ca/>
- MakeWay - <https://makeway.org/>
- The T.S. Rosewater Fund - <https://cfns-fcne.ca/en/tsrosewaterfund>

SITE IMAGES

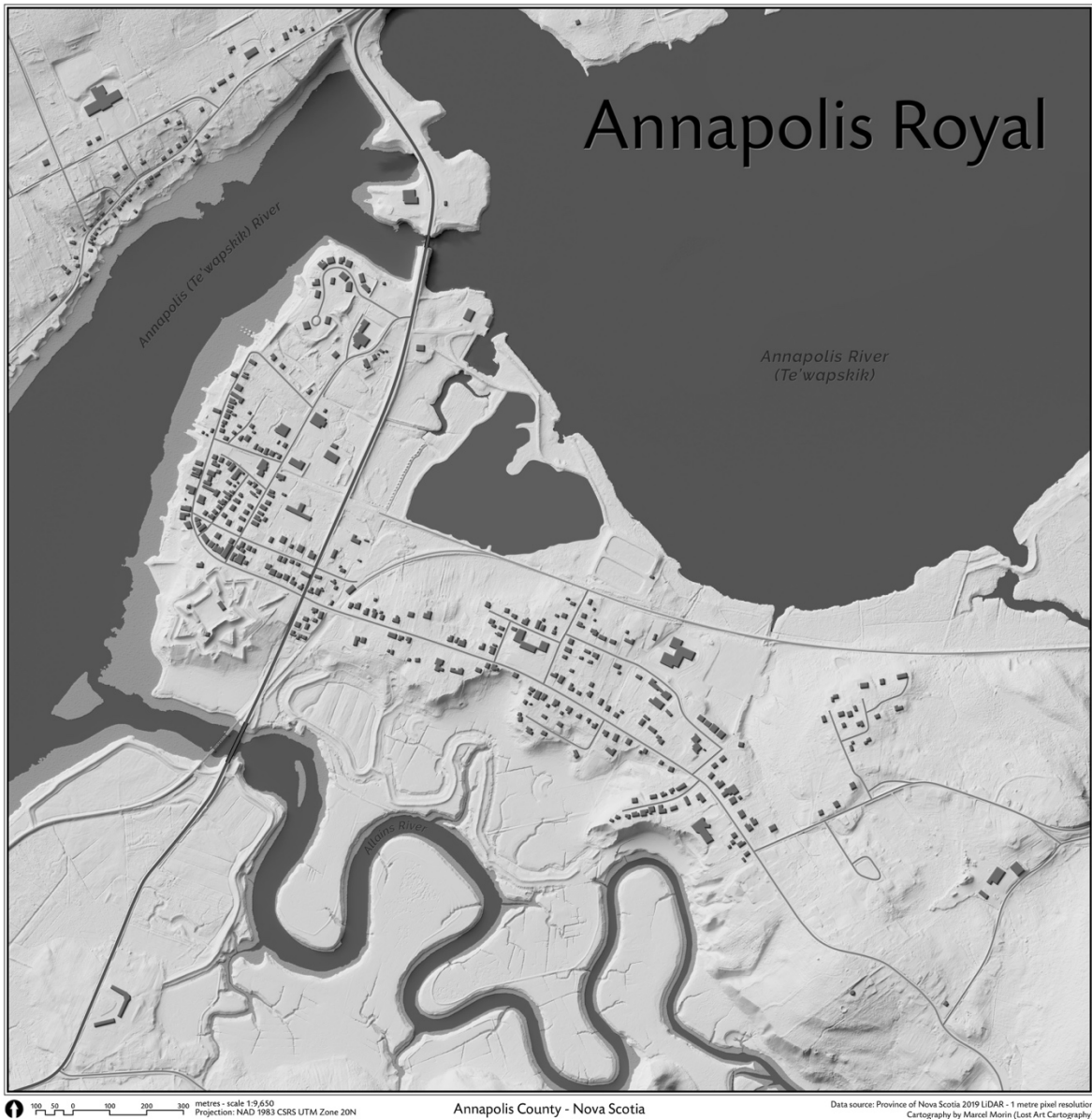
Annapolis Tidal Plant (image source, approximately 2010: <https://mrn.as/6gbdr>)



ACERC Proposed Site Usages (image source, 2020: <https://www.bing.com/maps>)

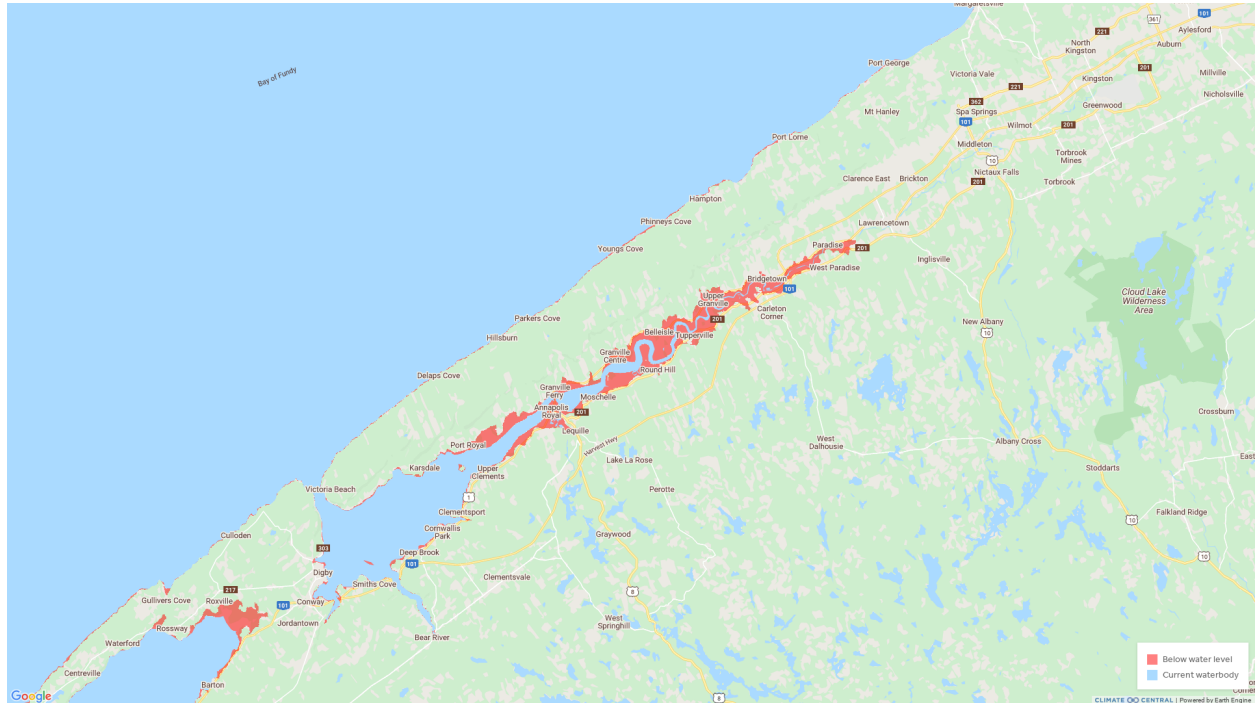


Annapolis Royal Lidar (image source, 2020:
<https://www.facebook.com/lostartcartography>)



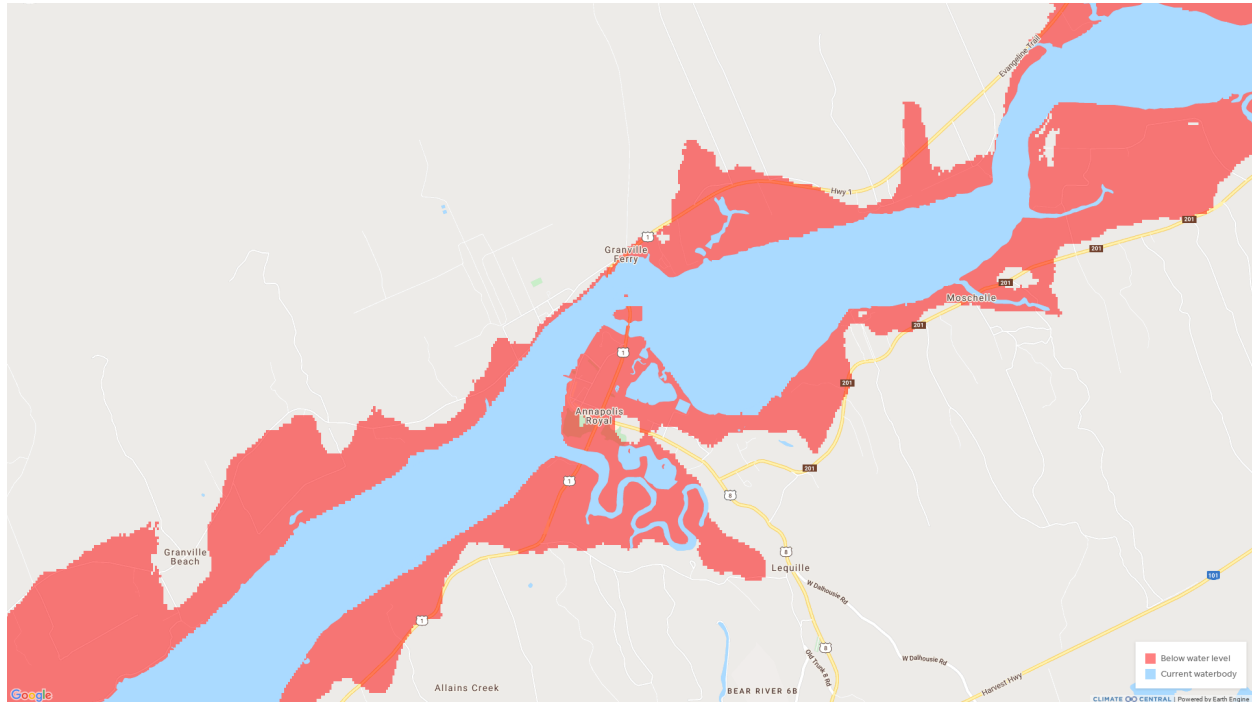


Annapolis County Land Projected to be Below Annual Flood Level by 2030 and possibly permanently inundated by 2050 – research from ACERC could assist with mitigation and adaptation on sea level rise and flooding issues (image source, 2020: <https://coastal.climatecentral.org/>)





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