

FINDING SOLUTIONS

Fall 2019 davidsuzuki.org



Haana Edenshaw speaks at the Vancouver climate rally, accompanied by her fellow plaintiffs and Greta Thunberg.

PHOTO: ROBIN LOZNAK

For the first time in Canadian history, climate change was the top federal election issue.

Thanks to you, we helped people send thousands of letters to candidates demanding climate action, encouraged everyone to support youth climate strikers and ran telephone, text and email campaigns to get out the vote.

Now we're helping 15 young people get to court to secure a science-based climate recovery plan that will protect their future.

The youth litigants are Indigenous and non-Indigenous, seven to 19 years old, from seven different provinces and one territory. Meet them at davidsuzuki.org/meet-some-of-canadas-leading-young-climate-activists.

With your help, we're supporting them with:

- · Legal fee assistance.
- · Media relations and interviewing skills training.
- Social media support before, during and since their announcement as well as a youth videographer to document their progress.
- A messaging and storytelling workshop, led by our Charged Up team.
- A climate change in Canada workshop, led by climate solutions policy analyst Tom Green, author of *Zeroing in on Emissions: Charting Canada's Clean Power Pathways*.

MILLIONS MARCH FOR CLIMATE ACTION

#FridaysforFuture founder Greta Thunberg will go down in history, along with Martin Luther King Jr. and Mahatma Gandi, for igniting a revolutionary movement that changed the world. Her message is the same as ours: *Listen to the science*.

With your help, we mobilized our community for the September 27 global climate strike. We directed them to local youth organizers, circulated protest sign ideas, helped offset costs and closed all three of our offices so staff could attend.

We encouraged people to show up and bring everyone they know. *And they did.*

More than one million people in Canada took part in climate strikes in 245 communities from September 20 to 27. On September 27, 7.6 million people worldwide joined strikes in 185 countries — an unprecedented show of human solidarity.



Montreal's climate march was the largest strike in the city's history, more than half a million strong.

PHOTO: ULYSSE LEMERISE

Some 40 communities strike for climate every Friday in Canada. The next global strike is Friday, November 29. We'll be there! *Will you?* Find your local strike: fridaysforfuture.org.



"We are here today not only as representatives of our school, but on behalf of your own children and one day grandchildren, of an entire generation, and the generations to come on this beautiful planet."

DEPUTATION TO MISSISSAUGA CITY COUNCIL BY MIDDLE SCHOOL STUDENTS, AGED 12 TO 14.

STUDENTS INSPIRE MISSISSAUGA TO DECLARE CLIMATE EMERGENCY

In June, Mississauga declared a climate emergency, joining a growing number of cities in Canada and some 600 worldwide.

Who inspired them? Seven students from Camilla Road Sr. Public School: Luxmeena Arulanantham, Aliza Baig, Ksenia Chmurzynski, Sophia DeGraaf, Omnea Fakhri, Siyona Rathore and Kiran Suresh.

With the support of their school's EcoClub and teachers, the students decided to focus on a climate emergency declaration to help create awareness and commit current and future city councils to effective action.

They took turns in front of the council chambers. Some stood on tiptoe to reach the microphone. Mayor Bonnie Crombie said it was the best deputation she'd seen at council.

As a result, council unanimously voted in favour of the motion to declare a climate emergency. It recognized the important role the students played.

These declarations are important, but there's still work to do. This group plans to review and continue working with council on their city's climate action plan. Meet them on video at davidsuzuki.org/new-kids-on-the-block.



The 30 Indigenous and non-Indigenous youth that participated in our Together for Climate Workshop, led the massive Montreal climate march Friday, September 27, 2019. Greta Thunberg (centre) walked with them.

PHOTO: MELISSA MOLLEN DUPUIS

YOUTH WORKSHOPS BUILD BRIDGES

In collaboration with many organizations, we launched Together for Climate workshops to connect Indigenous and non-Indigenous youth.

The workshops aim to help decolonize climate change and build long-lasting relationships between communities historically driven apart. And they provide important tools young activists need for the challenge ahead.

Participants learn:

- · Positive traditional leadership.
- · Climate reality in Canada.
- Public speaking and media relations.
- · Indigenous knowledge and history.
- The importance of self care.

The first workshop was in Montreal. It selected 30 youth ambassadors — 15 Indigenous and 15 non-Indigenous —to lead the September 27 climate strike. Before the march, David Suzuki spoke with them in the First Nation Garden. Some said it was the most powerful meeting of their lives.

None of them imagined the massive crowd, more than 500,000 strong. In the beginning, no one knew Greta Thunberg would be there. And no one knew she would march alongside them at the front, holding their banner. It read: Au front pour la Terre Mère/To the front lines for Mother Earth.

Thanks to your support, three or four more youth climate workshops are planned for 2020. The next will be hosted by a First Nation community in Quebec.

HAPPY BIRTHDAY, BLUE DOT!

The Blue Dot environmental rights movement is celebrating five years since its 2014 launch.

Milestones you made possible include:

- A whopping 174 municipalities representing more than half of Canada's population — recognizing their citizens' legal right to a healthy environment.
- Inspiring Humans of Blue Dot portraits, profiling people powering the movement.
- Screenings of *The Radicals*, in Victoria on Earth Day and on September 18 in Montreal, including translating the film into French.
- Pledges from more than 200 MPs and federal candidates.

October's election returned 82 MP pledge signers, from all major political parties — a great start for a renewed push for a Canadian environmental bill of rights.

GROWING THE NEXT GENERATION OF ENVIRONMENTAL LEADERS

The David Suzuki Fellowships program launched in 2017 and it's been exciting to watch innovative thinkers explore their bold ideas about the most pressing issue of our time: climate change. It's the only North American program that allows fellows to keep one foot in academia and the other in professional development.

Here's the latest wave of scholars doing innovative research:



Eric Miller is leading a global initiative on the ecological footprint, helping people understand concepts, measures and perspectives that relate economies to ecosystems and nature conservation.



Priscilla Settee is focusing on sharing place-based Indigenous knowledge to support climate change monitoring and development of local solutions and opportunities within and across Indigenous territories.



Annabel Webb is using existing domestic and international human rights law to promote intergenerational environmental justice in Canada.

INTERACTIVE MAP TAKES YOU INSIDE CARIBOU LIFE

Caribou are threatened with extinction throughout Canada, from Newfoundland to Yukon.

Of the 52 boreal caribou ranges in Canada, 37 are unlikely to survive unless industries that impact their habitat, like forestry and oil and gas, change their ways.

With your support, we created our interactive online story map that's inspiring people to take action for caribou before it's too late.

Woodland caribou are an umbrella species. That means their health is an indicator of the well-being of the entire ecosystem where they live. Go to https://arcg.is/1rXvq9 to begin your story map journey. You'll go deep inside the boreal forest to witness the caribou's experience. You'll also learn how industrial development has affected caribou critical habitat.

The story map combines the latest science with first-hand accounts from Indigenous communities. It highlights the crisis caribou face and the solutions we can each take to help them recover.



Tell government you want caribou herds restored and protected at davidsuzuki.org/caribou-cant-survive-without-place-live.





GO OUTSIDE! IT'S GOOD FOR YOU

Research shows time spent in nature makes us happier and healthier. Just dress for the weather! Here are five tips for getting out into the great Canadian winter:

- Take care. When humans view natural scenery, the areas of our brains associated with empathy and altruism light up. Invite a friend or co-worker outside to reconnect with nature and each other.
- 2. Help a neighbour. If you're out shovelling, see if you can lend a hand to people who live next door or down the street.
- 3. Soak in a (forest) bath. Shinrin-yoku Japanese for "forest

- bathing" means breathing in calming phytoncides (the scents of plants and trees). A 50-minute walk in nature can improve memory and focus by about 20 per cent.
- 4. Watch for wildlife. Keep your eyes and ears peeled for the other creatures getting outside in winter. Take advantage of early darkness you might be lucky enough to see an owl!
- 5. **Play.** Jump on a sled or toboggan. Get your skates on. Grab a hockey stick. If you're lucky enough to have a well-frozen lake where you live, look for a pickup game. Or dress warm and play in the lane with the kids!

RENEWED FISHERIES ACT SAVES MORE THAN FISH

Government gutted the Fisheries Act in 2012. Since then, you've made it possible for us to work hard to bring habitat protections back into that essential legislation. And, together, we did it!

Overseeing lakes, rivers, streams and oceans, the Fisheries Act is one of Canada's most important environmental laws. This summer, the Government of Canada announced measures to restore and strengthen it.

The renewed Fisheries Act defends coastal ecosystems, estuaries, water access, quality and provides countless other benefits for



people and nature. It also commits to rebuild fish stocks. That will help make Canada's fisheries more resilient to climate change and overfishing.

When Fisheries and Oceans Canada asked for public input, we invited our community to weigh in. Government

officials called that input "effective" and "important."

Leading up to the October federal election, more than 37,000 people also used our online platform to tell their MP candidates to support Canada's oceans.



Camp training includes storytelling, history and Squamish language instruction.

CAMP SUZUKI AT CHÁ7ELKWNECH: WALKING WITH THE SQUAMISH

Camp Suzuki started as a way to build community leadership for conserving B.C.'s spectacular Howe Sound. Formerly known as Camp Suzuki: Howe Sound, it's now Camp Suzuki at Cházelkwnech — the Squamish name for Gambier Island in Atl'katsem/Howe Sound.

Thanks to you, the camp continued to flourish in its fifth year. It expanded to include full partnership with the Squamish Nation's Ayas Men Men Child and Family Services, which now leads the camp's plan and vision with Camp Fircom. Squamish Youth Ambassadors helped lead song, dance, cedar-weaving and drum-making workshops.

The 160 campers included children and youth aged eight to 16 and 20 adults, mainly educators and curriculum developers. Adult campers learned:

The Squamish ocean canoe family brought their K'wxu7lh, a 16-person, 30-foot vessel carved from a single cedar tree.

- Privilege, settler culture and resource management, from Quest University professor Mai Yasue.
- Traditional use of native plants, from Ayas Men Men staffer Jared Von Somer.
- Conservation planning, from marine conservation specialist Kilian Stehfest and spatial analyst Willem van Riet.
- Environmental rights, from Blue Dot national campaign manager Peter Wood.
- Storytelling, from Suzuki Elders Neale Adams, Diana Ellis and Bob Worcester.

Looking ahead, we're planning a guide to help others create Indigenous-led camps throughout Canada.



Teacher campers learned about Howe Sound conservation on the beach. Many excitedly brought their new skills right back to their classrooms.

Finding Solutions

A publication of the David Suzuki Foundation, a registered Canadian charity working to protect the diversity of nature and our quality of life, now and for the future.

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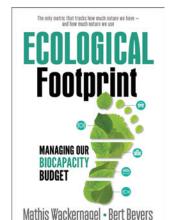




Power to the People

Melina Laboucan-Massimo, host

For her David Suzuki Fellowship, Laboucan-Massimo visited Indigenous communities across Canada. She also toured research centres specializing in district energy, solar, wind, geoexchange, biomass, food security, microgrids, climate science and Indigenous legal strategy for the protection of ecologically sensitive areas. These stories became this groundbreaking TV and web documentary series. It examines how Indigenous communities in Canada are empowering themselves through renewal energy. Watch the trailer on shorturl.at/drxE4.



Ecological Footprint: Managing Our Biocapacity Budget

Mathis Wackernagel and Bert Beyers / New Society

Environmental crises have a common root: "our tremendous hunger for resources." But we're exceeding the planet's ability to regenerate them — by 75 per cent in 2019! We're borrowing from the future, with no ability to pay it back. This book offers a way to account for biocapacity and the human footprint, offering global data, key findings, examples and strategies for creating regenerative economies. It's a useful guide on how humanity can navigate the current crises and find ways to better live within our means.

DONATE YOUR AEROPLAN MILES

As a national organization operating out of three cities, we use teleconferencing for meetings and choose active or public transportation whenever possible. But air travel is sometimes necessary for our work, such as meeting face-to-face with decision-makers, presenting at international conferences or holding on-site news conferences. That's where Aeroplan Miles come in.

One example: Donated Aeroplan Miles helped boreal campaigner Melissa Mollen Dupuis take Climate Reality training in Minneapolis, Minnesota. She met other Indigenous People from around the world and heard inspiring words, including from former U.S. vice-president Al Gore.

Aeroplan also purchases high-quality carbon emissions offsets for every trip. And we use Aeroplan Miles to cover administrative costs.

Using Aeroplan Miles means more donor dollars go to programs you care about. Donate yours at davidsuzuki.org/donate-aeroplan-miles.

SUPPORT THE KIDS FIGHTING FOR THEIR FUTURE

"The youth have to step up because no one else has. We need you to join us to end this climate crisis."

SÁJ STARCEVICH, AGE 13

Many young people understand what their elders have failed to grasp: we're jeopardizing their futures. They can't vote and have little say in many plans and policies that will determine their lives.

Because adults aren't acting fast enough, despite the abundance of solutions, young people are stepping up and speaking out. The #FridaysForFuture climate strikes have grown into a worldwide movement since then 15-year-old student Greta Thunberg began her solitary strike outside Sweden's parliament in August 2018.

A group of 15 young people have decided striking and marching on their own are not enough. Ranging in age from 10 to 19, and hailing from Vancouver Island to the Northwest Territories to Nova Scotia, they're taking the federal government to court "to protect their charter and public trust rights from climate change harms."

They aren't seeking money. Rather, they'll ask for a Federal Court order requiring Canada's government to prepare a plan



PHOTO: NADÈGE VINCE

David Suzuki joined Greta Thunberg at the Vancouver climate strike.

to reduce greenhouse gas emissions and make a sufficient contribution to preventing, mitigating and redressing dangerous climate change.

We adults owe it to the youth and those not yet born to do everything in our power to ensure they have a livable future. Dropping what you're doing to get out and march may not sound like much, but the more people show up, the louder the message to governments, media, industry and society.

Children shouldn't have to march in the streets or take their own governments to court. But in times of crisis — which this surely is — we should all get out there to demand action and show the kids we care! The next global strike is Friday, November 29, 2019.

MORE WAYS TO GET INVOLVED

WORKPLACE MATCH

Many workplaces boost their staff's giving power by matching their charitable contribution. Check if your employer will double your donation at davidsuzuki.org/double-your-giving-power.

TAKE ACTION

Visit our website davidsuzuki.org/act-online to speak up about an issue you care about. We'll help! Whether it's writing or phoning your MP, sending a letter to the editor of your local newspaper, adding your name to a petition or spreading the word on social media, your voice counts!

VOLUNTEER

Use your skills and work on projects that make a lasting difference. Visit our website **davidsuzuki.org/volunteer** to find out more ways to get involved.

LEAVE A LEGACY

Protect the living planet today and for future generations by leaving a gift in your will. It's a profound, meaningful way to ensure your gift has a long-lasting positive effect. For more information, contact our Community Giving team: 604-732-4228 ext. 1500, (toll free: 1-800-453-1533 ext. 1500), legacy@davidsuzuki.org.