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## Happy New Year!

If you are not already receiving invitations for meetings and the Zoom links and would like to, please complete this [form](#)

## January monthly meeting



*“Today's massive loss of species and habitat will be slowed only when the human community understands that nature is not an inferior to be exploited or an enemy to be destroyed but an ally requiring respect and replenishment.*

*We are part of the web of life. Many strands already have broken. We must act quickly to repair what we can. Our lives and livelihood depend on it.”*

United Nations Environment Programme

### **“Biodiversity for Life and Climate” Wednesday, January 18, 2023 10:00 am – 11:30 am ET**

CALL will kick off the New Year with an in-depth look at the state of Canada's biodiversity record and discuss the outcome of one of the most significant international conferences of the decade -- the UN's Biodiversity Conference (COP15).

Our guest speakers are:

- Dr. Justina Ray, President & Senior Scientist at the [Wildlife Conservation Society Canada](#).
- Mitchell Beer, founding publisher and managing editor of *The Energy Mix*. *The Energy Mix* covered both COP15 and COP27 extensively.





Register by clicking on the link below – you will receive an email confirmation with your personal link to join the meeting via Zoom.

[Registration link](#)

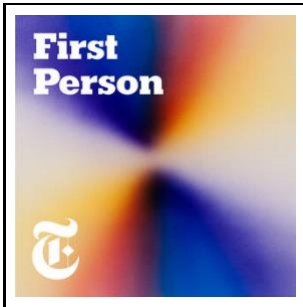

## Climate news, studies and reports

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| CarbonBrief                                | COP15: Key outcomes agreed at the UN biodiversity conference in Montreal. <a href="#">Read</a>  |
| Smart Prosperity Institute                 | Investing in the future of Ontario's Greenbelt. A conservation finance blueprint for Southern Ontario. <a href="#">Read</a>   |
| Nature Canada                              | Nature Canada reports back – major wins to halt and reverse nature loss at COP15. <a href="#">Read</a>  |
| The Canadian Climate Institute             | Rick Smith and Peter Nicholson's New Year's blog is worth reading for the link to <a href="#">Canada's first Emissions Reduction Plan and</a> the Institute's <a href="#">detailed assessment of the policies needed to get us most of the way to Canada's 2030 emissions targets.</a> <a href="#">Read</a> |
| The Energy Mix & The Energy Mix Weekender  | To subscribe and keep on top of the "climate news you need", including an excellent summary of COP15, click on this link. <a href="#">Read</a>  |
| Canada's National Observer                 | Amidst the climate crisis, the case for hope is getting stronger. <a href="#">Read</a>  |
| The Guardian                               | Big oil is behind conspiracy to deceive public, first climate racketeering lawsuit says. <a href="#">Read</a>   |
| New York Times                             | Quiz – What's the best way to shrink your carbon footprint? <a href="#">Read</a>  |
| CBC What on Earth?                         | Alberta is in a solar power gold rush – and there are lessons for the rest of Canada. <a href="#">Read</a>  |
| CTV News                                   | Vancouver company says it can demonstrate fusion technology at power plant scale by 2027. <a href="#">Read</a>  |
| House Committee on Oversight and Reform    | Oversight committee releases new documents showing big oil's greenwashing campaign and failure to reduce emissions. <a href="#">Read</a>  |
| Union of Concerned Scientists              | Are EV batteries recyclable? <a href="#">Read</a>   |
| Motor Trend                                | You are being lied to about electric cars. Science has repeatedly shown that EVs are better for humans. <a href="#">Read</a>  |
| Gardening at Last                          | Climate change may favour nitrogen-fixing plants. <a href="#">Read</a>  |
| School Magazine (Education Action Toronto) | Solar Schools: Students and the climate crisis. <a href="#">Read</a>  |
| BBC News                                   | HSBC to end funding for new oil and gas fields. <a href="#">Read</a>  |
| We Don't Have Time                         | Restoration Conversations. The financial aspects of nature restoration. How expensive are nature-based solutions? How much money do we need to restore the world's native forests? <a href="#">Watch</a>  |

## Podcasts

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|    | <p><b>EnergiTalks:</b> Ontario’s fumbling electricity policy once again.</p> <p>Journalist Markham Hislop interviews Mark Winfield, professor of environmental studies at York University, about the simultaneous release of three reports last week about Ontario’s electricity system for the future: <i>IESO’s Annual Planning Outlook, Conservation and Demand Management Framework Mid-Term Review, Pathways to Decarbonization</i>. <a href="#">Listen</a></p>  |
| <p>IEA ENERGY SCENARIOS</p> <p>On ENERGY VS CLIMATE PODCAST</p>                     | <p>The International Energy Agency’s (IEA) <b>World Energy Outlook 2022</b> (WEO) is a leading source of scenario-based analysis of global energy demand and supply. This year’s report explores the impact of both short-term volatility in energy markets and the long-term trend of decarbonization. <a href="#">Listen</a></p> <p>World Energy Outlook 2022 report. <a href="#">Read</a></p>  |
|   | <p><b>The Climate Pod:</b> Our 2022 Year in Review</p> <p>In 2022, we saw a number of events unfold across the globe that further emphasized the need to address the climate crisis with greater urgency and accelerate the transition to clean energy. In Part One, The Climate Pod reviews the first half of the year and remembers how the conversation around the climate crisis evolved and responded to rapidly changing world events – from the Russian invasion of Ukraine to spiking inflation, new IPCC reports, a promise of a major climate bill in the US and the potential for complete failure. <a href="#">Listen</a></p> |
|  | <p><b>Climate One:</b> This Year in Climate</p> <p>As 2022 comes to a close, Climate One takes a look back at the climate highs and lows and revisits conversations with some of the most insightful leaders they spoke with last year. <a href="#">Listen</a></p> <p><i>Climate One</i> also covered the UN climate summit, COP27. <a href="#">Listen</a></p> <ul style="list-style-type: none"> <li>• In Person At COP27: Funding The Global Energy Transition (Nov 18<sup>th</sup>)</li> <li>• On The Ground at COP27: Tallying Payments and Progress</li> </ul>   |
|  | <p><b>The Climate Question:</b> How to speak to a climate denier</p> <p>Once a climate sceptic, now a climate campaigner, Sarah Ott grew up surrounded by doubters. This is the story of what changed her mind and how you can change minds too. <a href="#">Listen</a></p>   |

## Podcasts (cont'd)

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|  | <p>Encore -- The NYT <b>First Person</b> opinion podcast has a fascinating interview with Canada's climate minister, Steven Guilbeault. The Times writes, "Guilbeault's story brings up essential questions that everyone might do well to consider:</p> <ul style="list-style-type: none"> <li>• Is policy change most effectively brought about by external forces, or from inside institutions?</li> <li>• Is compromise betrayal?</li> <li>• And where can a society go without it? <a href="#">Listen</a></li> </ul> |
|  | <p><i>Encore-</i> <i>Uncommons</i> is an interview series with experts, advocates, and elected representatives on issues of the day, hosted by Liberal Member of Parliament Nate Erskine-Smith. In the latest episode, Nate is joined by Catherine McKenna, former minister of environment and climate. She is currently the Chair of the UN's High-Level Expert Group on the Net-Zero Emissions Commitments of Non-State Entities. <a href="#">Listen</a></p>  |

## International and local climate events

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| <p>January 9 at 1:00 pm (online)</p>                 | <p><b>Toronto Climate Action Network</b><br/>Rebuilding in an age of constant disasters – insights from Florida after Hurricane Ian. <a href="#">More information and register</a></p>   |
| <p>January 12 at 7:00 pm (in person and online).</p> | <p><b>Trafalgar Park Community Center</b><br/>A free workshop on Saving \$\$ with climate friendly heat pumps. <a href="#">More information and register</a></p>   |
| <p>January 19 at 7:00 pm (online)</p>                | <p>A webinar hosted by <b>Nuclear Waste Watch</b> plus a number of other organizations, including CELA. The group argues that plutonium reprocessing in Canada should be banned. <a href="#">More information and register</a></p> |
| <p>January 26 at 12:00 pm (in person)</p>            | <p><b>Green Toronto</b><br/>Winter tree identification: decoding evergreens. <a href="#">More information and register</a></p>   |

## Virtual travel

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| <p>January 9 – 30 at 9:00 pm (online)</p> | <p><b>Rick Steves Travel: Festival of Europe</b><br/>Take a virtual trip across Europe over 22 nights in January. Sample the cultural delights of your favourite European countries – a different country is discovered each night. <a href="#">More information and register</a></p> |
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## Take action



Possibility grows here.

Below are some of the key organizations fighting for the Greenbelt – To stay in touch with the issues, consider becoming a member and/or making a contribution to these groups:

- **The Greenbelt Foundation** – an organization that stewards Ontario’s Greenbelt’s two million acres of protected land that provides clean air, fresh water, climate resilience and a reliable local food source to help Ontario thrive. [Find out more](#)
- **The Greenbelt Alliance** – The Ontario Greenbelt Alliance is a network of environmental and community groups across Ontario dedicated to protect and expand the world-famous Greenbelt. [Find out more](#)
- **The Alliance for a Liveable Ontario** – The Alliance is a new group supported by David Crombie, former Mayor of Toronto and Chair of the Friends of the Golden Horseshoe. The Alliance was formed to fight Ford’s plans that gut Ontario’s environmental protection. Together with hundreds of organizations and individuals, the Alliance is working to provide real solutions and to keep the Greenbelt front and centre on the public agenda. To support this group click [here](#).

Let’s Talk Budget 2023

The Government of Canada is asking for input from Canadians into the 2023 budget. It’s an opportunity for us to emphasize climate change, a just transition, protecting biodiversity and generally moving us to a sustainable society with our answers. [Complete the survey](#)

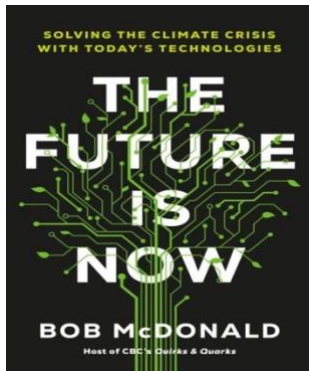
Small Change Fund (a new CALL partner)

Tell your MPP that you’re not giving up on the greenbelt. [Take action](#)

Home Retrofit Forum

CALL member Liz Addison, the City’s Neighbourhood Climate Action Champion for Ward 11 (University-Rosedale), has created a Facebook group called the *Home Retrofit Forum*. Members are invited to ask questions, offer advice based on their personal experiences or knowledge, and share the details of their home retrofit journey. She invites all CALL members to join the discussion. [Join](#)

## New climate book – The Future is Now



In his new book, Bob McDonald explores the incredible technologies that our species can use to get out of the mess we've made for ourselves. Bob McDonald has been the host of CBC Radio's *Quirks & Quarks* since 1992. He is a regular science commentator on CBC's News Network and a science correspondent for CBC TV's *The National*. He is also the author of *Measuring the Earth with a Stick* which was shortlisted for the Canadian Science Writers Association Book Award.

(From CBC Book's review) "Many alternative energy sources such as wind, solar, and geothermal have been available for decades — but they alone will not be enough. Additional power will come from small nuclear reactors the size of an office desk, and space-based solar power satellites with enormous mirrors that can capture sunlight, convert it to microwaves, and beam it to the ground to light up entire cities. Energy will be captured from waves, tides, and hydrogen. Vehicles will no longer have tailpipes that emit smog particles. Food will be sourced locally.

Green technology is one of the fastest growing sectors of the economy and will only continue to skyrocket as current products improve their performance and new products emerge. A new green age is upon us—let this book be your guide to the future. (From *Penguin Canada*.)" For the full review by CBC Books, [click this link](#).

## Your CALL leadership team

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