

Resources shared during presentations

Feb. 15th Dean's Community & Alumni Engagement Series
University of British Columbia, Faculty of Education

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- 2) Allen, M.R., et al., (2018) Framing and Context. In: *Global Warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty* <https://www.ipcc.ch/sr15/chapter/chapter-1/>
- 3) Environment Canada and Climate Change. (2019). Changes in Temperature. <https://www.canada.ca/en/environment-climate-change/services/climate-change/canadian-centre-climate-services/basics/trends-projections/changes-temperature.html>
- 4) <https://climateactiontracker.org/countries/canada/>
- 5) Hickman, C., Marks, E., Pihkala, P., Clayton, S., Lewandowski, R. E., Mayall, E. E., ... & van Susteren, L. (2021). Climate anxiety in children and young people and their beliefs about government responses to climate change: a global survey. *The Lancet Planetary Health*, 5(12), e863-e873.
- 6) Field, Schwartzberg, Berger (2019). Canada, Climate Change, and Education: Opportunities for public and formal education [full report]. https://www.researchgate.net/publication/337111645_Canada_Climate_Change_and_Education_Opportunities_for_Public_and_Formal_Education
- 7) Field, Schwartzberg, Berger (2019), Canada, Climate Change, and Education: Opportunities for public and formal education [Exec Summary]. https://www.researchgate.net/publication/337112040_Executive_Summary_of_National_Report_on_Climate_Change_Education
- 8) Grewal, R., Field, E., Berger, P. (2022, in press). Bring climate injustices to the forefront – Learning from the youth climate justice movement. In E. Walsh (Ed.), *Equity and Social Justice in Climate Change Education: Exploring Social and Ethical Dimensions of Environmental Education*. Routledge. <https://www.routledge.com/Justice-and-Equity-in-Climate-Change-Education-Exploring-Social-and-Ethical/Walsh/p/book/9780367344702>
- 9) Busch, K. C., Ardoin, N., Gruehn, D., & Stevenson, K. (2019). Exploring a theoretical model of climate change action for youth. *International Journal of Science Education*, 41(17). <https://www.tandfonline.com/doi/abs/10.1080/09500693.2019.1680903?journalCode=tsed20>
- 10) Dyer, E. (May 23, 2021). Young Climate Activists beat Germany's government in court. Could it happen here? *CBC news*. <https://www.cbc.ca/news/politics/climate-change-emissions-carbon-canada-germany-youth-1.6029642>
- 11) Parker, L. (June 26, 2019). Kids suing governments about climate: It's a global trend. National Geographic. <https://www.nationalgeographic.com/environment/article/kids-suing-governments-about-climate-growing-trend>
- 12) Participate in Dr. Field's climate change education research that is undergoing right now: <https://forms.gle/fn6yqjLhkvR5vzWLA>
- 13) <https://www.climateeducationreformbc.ca/our-needs>



Teaching and Learning Week 2021 - Climate Pedagogy Toolkit For Faculty

This document is a collection of resources originally put together by the [Lake Superior Living Labs Network](#) and then adapted by the [YOCA Coordinating Committee](#) and the Teaching and Learning Week (TLW) Team. These resources can be used to further your learning on climate change, or as teaching tools in the classroom. Additional resources from some of the TLW 2021 events are also included.

You can also view [recordings](#) of all the TLW 2021 events, panels, and workshops.

Teaching resources

Name	Description (including why this could be a good resource)	Source	Link
An existential toolkit for climate justice educators	With feelings of climate anxiety and eco-grief on the rise, educators across disciplines need resources to help students develop the emotional resilience to stay engaged in the work of climate justice. This toolkit helps educators and students navigate the	Existential Toolkit	https://www.existentialtoolkit.com/

	<p>long emergency ahead without becoming overwhelmed by despair. The resources in this project have been crowdsourced from an international community of scholars, educators, and climate justice leaders focused on addressing the emotional impact of climate disruption.</p>		
Climate Change Atlas of Canada	<p><i>The Climate Atlas of Canada</i> combines climate science, mapping and storytelling to bring the global issue of climate change closer to home for Canadians. It is designed to inspire local, regional, and national action that will let us move from risk to resilience. The Atlas gives accurate historical climate data and shows projections of how climate change will affect a region across two scenarios of warming.</p>	Climate Atlas of Canada	https://climateatlas.ca/
EN-ROADS simulator	<p>The EN-ROADS Simulator is a transparent, freely-available policy simulation model that provides policymakers, educators, businesses, the media, and the public with the ability to explore, for themselves, the likely consequences of energy, economic growth, land use, and other policies and uncertainties, with the goal of improving their understanding. The simulation was developed by Climate Interactive, with Ventana Systems and</p>	EN-ROADS simulator	https://www.climateinteractive.org/tools/en-roads/

	MIT Sloan. It runs on an ordinary laptop or desktop. In the simulator you have the opportunity to create policy for your preferred future and see how different mitigation strategies will result in different levels of warming.		
Project Drawdown	Climate Solutions 101 is the world's first major educational effort focused solely on solutions. Rather than rehashing well-known climate challenges, Project Drawdown centers game-changing climate action based on its own rigorous scientific research and analysis. This course, presented in video units and in-depth conversations, combines Project Drawdown's trusted resources with the expertise of several inspiring voices from around the world. Climate solutions become attainable with increased access to free, science-based educational resources, elevated public discourse, and tangible examples of real-world action. Continue your climate solutions journey, today.	Climate Solutions 101	https://drawdown.org/climate-solutions-101
Project Drawdown BC	https://drawdownbc.org/		https://drawdownbc.org/
Mercator Carbon Budget Calculator	The MCC Carbon Clock shows how much CO2 can be released into the	Mercator Research Institute	https://www.mcc-berlin.net/en/research/co2-budget.html

	<p>atmosphere to limit global warming to a maximum of 1.5°C and 2°C, respectively. With just a few clicks, you can compare the estimates for both temperature targets and see how much time is left in each scenario.</p>	<p>on Global Commons and Climate Change (MCC)</p>	
Climate Clock	<p>In summer 2021, the IPCC published a report on the physical science basis of climate change, which included updated carbon budget estimates for limiting global warming to 1.5°C. In this report, IPCC researchers estimated that, beginning in 2020, humans could release an additional 400Gt of carbon into the atmosphere and still have a 67% chance of limiting warming to 1.5°C (see here, table SMP.2).</p> <p>The Climate Clock deadline shows how long we have left until this carbon budget runs out, given the amount of carbon we continue to emit globally.</p>	<p>ClimateClock.world is powered by scientists, artists, educators, and activists across the world with support from Beautiful Trouble and March For Science</p>	<p>https://climateclock.world/?fbclid=IwAR1fVR_tFILeeiR-6GqnHxXZ0oEgxWmtqJUCL_CDm-t62PWO6ijkKEAC4Vk</p>
Where You At? A Bioregional Quiz	<p>How familiar are you with the place you call home? Get curious. If you don't have all the answers, take some time to find them. Knowing these things will help you become a better steward of the place where you live.</p>	<p>Leonard Charles, Jim Dodge, Lynn Milliman, and Victoria Stockley</p>	<p>https://dces.wisc.edu/wp-content/uploads/sites/128/2013/08/Where-You-At-Quiz.pdf</p>

<p>NASA Global Climate Change</p> <p>Vital Signs of the Planet</p>	<p>NASA's Global Climate Change website hosts an extensive collection of global warming resources for media, educators, weathercasters and public speakers. Browse by topic and by media type, including videos, social media shareables, infographics, quizzes and interactives.</p>	<p>NASA</p>	<p>https://climate.nasa.gov/</p>
<p>Climate Data for a Resilient Canada</p>	<p>ClimateData.ca provides high-resolution climate data to help decision makers build a more resilient Canada.</p> <p>Explore this section to learn more about the science behind climate data, choose and access Canadian climate data, and download pre-made materials for your own training sessions.</p>	<p>ClimateData</p>	<p>https://climatedata.ca/</p>
<p>CO₂ and Greenhouse Gas Emissions</p>	<p>How are emissions changing in each country? Is your country making progress on reducing emissions? We built 207 country profiles which allow you to explore the statistics for every country in the world.</p> <p>Each profile includes interactive visualizations, explanations of the presented metrics, and the details on the sources of the data.</p>	<p>Our World in Data</p>	<p>https://ourworldindata.org/co2-and-other-greenhouse-gas-emissions</p>

Regeneration	The world's largest, most complete listing and network of solutions to the climate crisis. And how to do them!	Paul Hawken/Regen	https://regeneration.org/?fbclid=IwAR0cNYPy9UCT8noiflnUI1Hjgy70-nCbCpRtRitBD0KS6xWRmBOnwdZzW6k
Empowering Learners in a Warming World	Dr. Ellen Field, co-authored this climate inquiry resource for teachers in grade 7 - 12. It is a free resource with 100's of active learning strategies that educators can use for teaching about climate change. Check out the active learning strategy bank for ideas, or explore the various themes for background information or to follow an inquiry learning pathway.	Empowering Learners in a Warming World	https://www.climatelearning.ca/
Isthisshowyoufeel.com	This is a website dedicated to sharing letters from scientists about their feelings. Take a look around and read a few letters from scientists. Also look through the "For teachers" section to see how teachers are using the letters in their classrooms.	Is This How You Feel? / Joe Duggan	https://www.isthisshowyoufeel.com/

Learning resources to watch (e.g. videos)

Name	Description (including why this could be a good resource)	Source	Link
10 Years to Transform the Future of the	This is a 7-minute TED talk with climate and resilience scientist Johan Rockstrom.	TED countdown (Johan Rockstrom)	https://www.ted.com/talks/johan_rockstrom_10_years_to_transform_the_fut

Planet			ure of humanity or dest abilize the planet#t- 448199
The Thunder Bay Energy Plan	A 7-minute LSSLN Sustainability Stories video about the new Thunder Bay Energy Plan.	Lake Superior Living Labs Network	https://youtu.be/VRyL5ipYVWQ
Shoulders	A 7-minute video of spoken word by Shane Koyczan - hard-hitting, grounded in Greek myth (Eurocentric) but nonetheless can be an inspiring call to action	Shane Koyczan	https://www.youtube.com/watch?v=An4a-NjilY
Stand Up	A 2016 5-minute music video of all Indigenous musicians encouraging folks to “stand up”. This is US-focused, given it was made as Standing Rock resistance to the Dakota Access Pipeline.	Taboo	https://www.youtube.com/watch?v=Onyk7guyHK8
Flight of the Hummingbird - Haida Manga	2-minute animated video that ends with “I’m doing what I can”	Michael Nicholl Yahgulanaas	https://www.youtube.com/watch?v=naj6zZakgEg
Dear Future Generations: Sorry	6-minute video. Self-Description: An Apology Letter to Future Generations. Sorry.	Prince Ea	https://www.youtube.com/watch?v=eRLJscAlk1M
An Oriki for Our Time	Bayo Akomolafe is a researcher, lecturer and author, as well as Coordinator of the International Alliance for Localization. This is his	Local Futures; Bayo Akomolafe	https://www.youtube.com/watch?v=e9hvW9cYQKM

	plenary talk at the Economics of Happiness conference, held in Portland, Oregon, in February 2015.		
10 New Insights in Climate Science 2021 - Overview video	Each year, Future Earth consults researchers and carries out a horizon scan in fields related to climate change on what the latest findings and most important new emerging fields are. We summarize this in 10 important scientific insights, and the result has always been a rich and valuable scientific synthesis for policy and society at large, a testament to the ever-expanding and improving knowledge of our planetary climate systems and the interactions with the human world.	Future Earth	https://www.youtube.com/watch?v=WgIQ_UR3QKA

Resources from [Elin Kelsey's keynote](#) (Teaching and Learning Week, October 25, 11:30-1:00 pm, 2021)

Name	Description (including why this could be a good resource)	Source	Link
Dear Planet Earth	The <i>Dear Planet Earth</i> initiative is led by Dr. Nicole Ardoin's Social Ecology Lab at Stanford University. The Social Ecology Lab conducts interdisciplinary research relating environmental learning and behavior, with a focus on translating research into practice. Our	Social Ecology Lab	https://www.dearplanetearth.org/

	current work seeks to more deeply explore individual and collective human response to climate change, with the end goal of generating new understandings of how emotional responses such as fear, concern, grief, and hope may translate into action.		
Beyond Doom and Gloom: An Exploration through Letters	Our worries about the environment are not only academic—they affect us personally. Yet there is a strange silence about the emotional impact of the ways in which we talk about the environment, which is so enmeshed with hopelessness: horrifying statistics and gut-wrenching images that threaten to seal the planet’s fate. How can we best influence and enact a shift beyond “doom and gloom”? The letters in this Perspectives volume are responses to this dilemma. Through an exploration of new environmental narratives, this volume aims to stimulate readers to emotionally reflect on how we can embrace hope and resilience in our stories about the environment.	The Environment & Society Portal	https://www.environmentandsociety.org/perspectives/2014/6/beyond-doom-and-gloom-exploration-through-letters
#OceanOptimism	Ocean Optimism is a collaborative marine conservation movement. We focus on solutions rather than problems,	Ocean Optimism Team	http://www.oceanoptimism.org/

	and on connections rather than differences.		
#EarthOptimism	<p>The global conservation movement has reached a turning point. We have documented the fast pace of habitat loss, the growing number of endangered and extinct species, and the increasing speed of global climate change. Yet while the seriousness of these threats cannot be denied, there are a growing number of examples of improvements in the health of species and ecosystems, along with benefits to human well-being, thanks to our conservation actions. Earth Optimism celebrates a change in focus from problem to solution, from a sense of loss to one of hope, in the dialogue about conservation and sustainability. We encourage you to join #EarthOptimism on social media, take our free online workshop, or plan a sister event and celebrate what's working in conservation with us.</p>	Earth Optimism and Smithsonian Institute	https://earthoptimism.si.edu/
Atlas of the Future	<p>An online resource of hope, Atlas of the Future maps innovative, future-focused, socially impactful projects and people around the world. We believe in the future, making innovative projects understandable</p>	Atlas of the Future	https://atlasofthefuture.org/ca/

	and raising the profiles of those committed to long-term thinking.		
Intersectional Environmentalist Council	The Intersectional Environmentalist Council brings together an exceptional group of environmental activists and sustainability advocates from diverse backgrounds. Council members have a unique opportunity to help shape the future of IE, provide peer-to-peer mentorship to individual activists and grassroots organizations and encourage accountability within the IE team and community. Together, we're committed to dismantling systems of oppression and the whitewashed narrative of environmentalism.	Intersectional Environmentalist	https://www.intersectionalenvironmentalist.com/the-council
Grist's Beacon newsletter focused on climate justice solutions	The only newsroom focused on exploring solutions at the intersection of climate and justice.	Grist Magazine	https://grist.org/beacon/
Grist's Fix - solutions lab	Fix combines <u>creative storytelling</u> with <u>network-building</u> and <u>events</u> . Our work amplifies stories of hope and progress, shines a light on bright ideas and the people behind them, and brings together a growing community of visionaries — we call them Fixers — who are leading the way to a planet that works for everyone.	Grist Magazine	https://grist.org/fix/

Learning resources to listen to (e.g. podcasts)

Name	Description (including why this could be a good resource)	Source	Link
Stories from Home: Living a Just Transition Episode 1 - What is Just Transition?	A 35-minute podcast profiling a Just Transition story snapshots. Focused on the following question: What do climate change solutions look like when they come from frontline communities at the intersections of art, culture, and social justice? Strong climate justice and art focus.	Climate Justice Alliance	https://soundcloud.com/user-341730469/stories-from-home-living-the-just-transition-podcast-episode-1-what-is-just-transition
How to Save a Planet: Is Your Carbon Footprint BS?	This 44-minute podcast is a debate on this topic: Do your individual actions matter when it comes to climate change? Or is it all about big, systemic change? In this episode, we break down both sides of the argument. We lay out the actions that have the biggest impact on your carbon footprint – and then ask if there's a better way to think about our individual roles.	How to Save a Planet	https://open.spotify.com/episode/5L1RVInqBXtZgEzWTHOaTg?si=6ETUVZyOSqG1UMBmMX4yIA&nd=1
The Future of Lake Superior with Climate Disruption	A 4-minute radio piece (or read the article) from Michigan with a tribal biologist and other experts about Lake Superior and climate change.	Michigan Radio	https://www.michiganradio.org/post/future-lake-superior-climate-disruption Link to the radio piece is within this text article.

<p>How Do You Cancel a Pipeline</p>	<p>In this 34-minute episode, two Indigenous activists who have been campaigning against the extraction industry for years from the frontlines to the United Nations share their wisdom and experience.</p>	<p>Indigenous Climate Action Podcast</p>	<p>https://open.spotify.com/episode/4wHQaX0xvOu3gm3ZOqZCly</p>
<p>The Unborn Future: How Western Philosophy Helped Propel Us Toward a Climate Catastrophe</p>	<p>A 55-minute podcast is Todd Dufresne's second lecture that explores how Western thought feeds an ideology of infinite economic growth.</p>	<p>CBC Ideas</p>	<p>https://www.cbc.ca/radio/ideas/the-unborn-future-how-western-philosophy-helped-propel-us-toward-a-climate-catastrophe-1.6069290</p>
<p>How to Talk About the End of the World</p>	<p>A 30-minute podcast interviewing Alex Steffen, The Snap Forward, who discusses how we frame climate change as now and ongoing, and not the end of the world.</p>	<p>The Big Story</p>	<p>https://thebigstorypodcast.ca/2021/08/03/how-to-talk-about-the-end-of-the-world/</p>
<p>Seeds, Grief and Memory with Rowen White</p>	<p>A 50-minute interview of farmer, seedkeeper, and indigenous seed and food sovereignty activist Rowen White. She discusses how seeds operate as gateways to our lineage and how our current disconnection manifests as grief.</p>	<p>Finding Our Way Podcast</p>	<p>https://www.findingourwaypodcast.com/individual-episodes/s2e6</p>

<p>Penser une écologie décoloniale, une écologie-du-monde</p>	<p>1h 10min; Dans cet épisode on rencontre Malcom Ferdinand, philosophe et auteur d'un essai qui vient de paraître au Seuil, intitulé « Une écologie décoloniale, Penser l'écologie depuis le monde caribéen ».</p>	<p>Génération Afrotopia</p>	<p>https://www.youtube.com/watch?v=gnb6A4F3QN0</p>
<p>Outrage + Optimism</p>	<p>Podcast hosted by Christina Figueres, Tom Rivett-Carnac and Paul Dickinson. They interview many leaders in the climate sphere (policymakers, NGOs, scientists, authors, artists, and businesses). The podcast also responds to climate developments.</p>	<p>Global Optimism</p>	<p>http://www.globaloptimism.com/</p>
<p>Facing IT</p>	<p>The age of climate crisis is upon us, and grief and anxiety are on the rise. This podcast explores the emotional burden of climate change, and why despair leaves so many people unable to respond to our existential threat. Overcoming that paralysis is the first step in moving to action, and yet official climate strategies rarely address the emotional toll of climate grief and eco anxiety. Meanwhile, frontline communities — particularly people of color, indigenous communities, and</p>	<p>Jennifer Atkinson</p>	<p>https://www.drjenniferatkinson.com/facing-it</p>

	<p>other historically-marginalized groups — are experiencing the heaviest mental health impacts of climate disruption and displacement. This series introduces ways to move from despair to action by addressing the psychological roots of our unprecedented ecological loss.</p>		
<p>CBC What on Earth podcast</p>	<p>There are a lot of questions, ideas and emotions about climate change. Whether you feel scared, excluded, curious or overwhelmed, <i>What On Earth</i> hears you. Host Laura Lynch understands we're at a pivotal time for shaping our future. Tune in as she explores your experiences, grapples with the challenges and examines the potential solutions.</p>	<p>CBC Radio Canada</p>	<p>https://www.cbc.ca/radio/whatonearth</p>
<p>Teaching in a Climate Crisis - Voice Ed Radio</p>	<p>How can teachers best address the climate crisis? Why is this important, what do we need to know, and how should we 'be'? Also, who's leading the way here in Canada, and what can we learn from looking abroad? Two new teachers from OISE's Master of Teaching program, recent grad Yana Lee and second-year student Jackson Fowlow, have conversations with key players and minds to answer these questions. Strap in for some insightful, interesting, and hopefully inspiring</p>	<p>VoiceEd Radio</p>	<p>https://voiced.ca/project/eaching-in-a-climate-crisis/</p> <p>Elin Kelsey & Ellen Field: https://voiced.ca/podcast_episode_post/ep-7-leading-research-and-hope/</p>

	discussions.		
How to Survive the End of the World	Podcast by adrienne maree brown and Autumn Brown. “Learning from the apocalypse with grace, rigour, and curiosity”	End of the World Show	https://www.endoftheworldshow.org/
Race Against Climate Change	Canada’s National Observer is already the country’s most trusted voice in climate journalism. Now, it has a new podcast: Race Against Climate Change. With just nine years until 2030, we need to move fast to avert climate catastrophe. So what are we going to do about it? Race Against Climate Change brings you the stories and solutions you won’t hear anywhere else.	National Observer	https://www.nationalobserver.com/podcast/race-against-climate-change

Learning resources to read (e.g. articles, poems)

Name	Description (including why this could be a good resource)	Source	Link
Greed Does Not Have to Define Our Relationship to Land	Article by Potawatomi author and scientist Robin Wall Kimmerer about our Relationship to Land and choosing “to belong to a place”.	Literary Hub	https://lithub.com/robin-wall-kimmerer-greed-does-not-have-to-define-our-relationship-to-land/

THUNDER: Making Noise in the Age of Climate Denial	A zine from Thunder Bay Fridays for Future group. Includes a collection of climate pieces from local youth.	Fridays for Future Zine	https://drive.google.com/file/d/1Z_dM9ynM4RJgo1iXv0C0aeS2TgBCyk_L/view
A Little Humour May Help With Climate Change Gloom	A short article by Lakshmi Magon explores how to engage others in climate action via humour.	The Conversation	https://theconversation.com/a-little-humour-may-help-with-climate-change-gloom-125860
The Line 3 pipeline protests are about much more than climate change	An article from the Grist documenting the Line 3 protests and movement, relating to wild rice, oil, and treaty rights.	The Grist	https://grist.org/food/line-3-pipeline-protests-enbridge-wild-rice-treaty-rights/
When Young People Worry About Climate Change	An article about affective dimensions of climate change, in young people in particular that also speaks to the cultural, discursive, and structural factors influencing how young people cope with their negative emotions around climate change.	Tufts University	https://sites.tufts.edu/earthstewards/2020/08/11/when-young-people-worry-about-climate-change/
Canada could be a climate leader but we aren't	A short webpage articulating failure in Canada's leadership on climate action while still hopeful and solution oriented (with additional content to read)	Environmental Defence Fund	https://environmentaldefence.ca/canada-climate-action/
Our climate change turning point is right here, right now	A short article about the 2021 summer's heat, water shortages, and how the media and politicians choose turning points, and we've been choosing so far to ignore many other	The Guardian	https://news.yahoo.com/climate-change-turning-point-now-123104609.html

	potential turning points in the climate change fight.		
'I can feel your breath': when COVID-19 and environmental racism collide	An article exploring: From toxic waste to tailings ponds, Canada's environmental hazards are often imposed on Indigenous and Black communities. Industrial projects have made COVID-19 the latest pollutant — in places where people and the land are already under stress	The Narwhal	https://thenarwhal.ca/covid-19-environmental-racism-canada/
Local Climate Change Fact Sheets	A range of fact sheets designed to help you take action in Thunder Bay.	Climate Change Tbay	https://climatechangetbay.com/factsheets/
Report: Essential Background for Climate Change Education	This report seeks to answer the question "What are the best practices for Manitoba teachers to teach climate change?"	Climate Change Connection	https://climatechangeconnection.org/wp-content/uploads/2020/05/Report-Essential-Background-for-Climate-Change-Education-FINAL.pdf
David Orr Reading	This is an incredible resource that challenges us to think about what we're educating for. Written in the early '90s, it's even more relevant for university instructors today.	Context Institute	Orr, D. (1991). What is education for? <i>In Context: A Quarterly of Humane Sustainable Culture.</i>

			https://www.context.org/iclib/ic27/orr/
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Processing Climate Emotions - Teaching Resources

Name	Description (including why this could be a good resource)	Source	Link
All We Can Save - Educator Resources	List of educator resources for emotional processing working with texts within the anthology (readings + prompts)	All We Can Save	https://www.allwecansave.org/for-educators
All We Can Save - Resources for Climate Emotions	A list of resources, orgs, and services all offering emotional processing	All We Can Save	https://www.allwecansave.org/emotions
Climate Grief Support groups	Good grief network runs a 10-step program for individuals and communities to build resilience creating spaces where people can lean into their painful feelings about the state of the world and reorient their lives toward meaningful action.	Good Grief Network	https://www.goodgriefnetwork.org/

Climate Conversations	Led by Dr. Margaret Klein Salamon, clinical psychologist, these ongoing climate circles are open spaces for people to attend once or many times and to	Climate Awakening	Join a climate awakening session here: climateawakening.org
Gen Dread	Newsletter authored by Dr. Britt Wray, researcher investigating climate change and mental health at Stanford and London School of Hygiene and Tropical Medicines. Provides tools for coping with climate anxiety.		https://gendread.substack.com/

Professional Learning Communities focused on Climate Change Education

[Climate Change Education Canada](#) is a professional learning community on Facebook founded by Ellen Field, Julia Ostertag, and Michele Martin. There are close to 1000 educators in the network and it's a busy community which shares news and teaching resources.

Critical Action Learning Exchange (OISE) supports educators from around the world in **designing and exchanging curriculum** that promotes collaboration and inquiry to address the scientific and social complexity of these problems, and critically disrupt passivity and alienation. They are currently focused on climate change education: <https://cale.oise.utoronto.ca/>

Here in BC: June 25 - 29th, 2022 - [FOCUS! Teachers's Climate Change Collaborative @ SFU](#)

North American Summer Institute for Climate Change Education (Climate Generation, NOAA and Canadian cohort led by Alberta Council for Environmental Education (Summer): <https://www.abcee.org/summer-institute-climate-change-education>

MECCE (Monitoring and Evaluation Climate Communication and Education) Project - Canadian Hub: <https://mecce.ca/>