

## Climate change and early childhood - Resources

Title	Topic	Year	Author	Category	Source	Source Country	Link	Source Type
How early childhood education is responding to climate change	A paradigm shift in early childhood education can provide a path to deeper societal changes that are required. The shift means moving from learning that is information-driven to learning that is situated, speculative and experimental.	2022	Veronica Pacini-Ketchabaw Professor of Early Childhood Education, Western University	General	The Conversation	Canada	<a href="https://bit.ly/3sTD0qU">https://bit.ly/3sTD0qU</a>	Journal Article
A systematic review of climate change education: giving children and young people a 'voice' and a 'hand' in redressing climate change	The authors analyzed existing literature from 1993 to 2014 regarding climate change education for children and young people, with the aim of identifying key areas for further research. They call for the development of new forms of climate change education that directly involve youth in responding to the scientific, social, ethical, and political complexities of climate change.	2019	David Rousell & Amy Cutter-Mackenzie-Knowles	Climate Change	Children's Geographies	England	<a href="https://bit.ly/3zlrAFs">https://bit.ly/3zlrAFs</a>	Journal Article
Climate change and its impact on young children.	The article provides a valuable explanation of climate change and what early childhood educators and carers can do about it.	2007	Julie M. Davis	Climate Change	Every Child Journal	Australia	<a href="https://bit.ly/3lPH9lp">https://bit.ly/3lPH9lp</a>	Journal Article
UNICEF Canada Report Card 17: The Future is Now. The environment and children's well-being in Canada.	The environmental impacts not only affect the environmental well-being of current and future generations of children in Canada, but our actions also spread to children beyond our borders. It's time for our environmental protection to match our environmental impact - it's time to act, for every child.	2022	UNICEF Canada	Child Well-being Climate Change	UNICEF Canada	Canada	<a href="https://bit.ly/3LSxzz1">https://bit.ly/3LSxzz1</a>	Website Report
Exploring Nature With Children	Getting back to nature and incorporating elements of our natural world is an emerging topic in early childhood education. Outdoor play is an essential component of children's lives. The adults who surround them have a huge influence on how children connect to nature and express their desire to engage in active outdoor play.	2021-2022	The Canadian Child Care Federation	Outdoor Play	The Canadian Child Care Federation	Canada	<a href="https://bit.ly/3PP2wqQ">https://bit.ly/3PP2wqQ</a>	Website
Outdoor Play Strategy	Lawson Foundation provides many great strategies for outdoor play. Their Outdoor Play Strategy is built on the scientific evidence base that establishes outdoor play, with its risks, as essential to healthy child development.	2013 to Present	Lawson Foundation	Outdoor Play	Lawson Foundation	Canada	<a href="https://bit.ly/3NGYn6M">https://bit.ly/3NGYn6M</a>	Website
Lawson Foundation Outdoor Play Strategy Final Report (Philanthropic Sector)	This report summarizes the findings of the third-party evaluation of the Strategy as a whole, as conducted by the Social Research and Demonstration Corporation (SRDC), including valuable learnings and reflections to help direct the Foundation's next steps. This report contains the findings most relevant to the philanthropic sector.	2020	Lawson Foundation	Outdoor Play	Lawson Foundation	Canada	EN: <a href="https://bit.ly/3MyBEc1">https://bit.ly/3MyBEc1</a> FR: <a href="https://bit.ly/3MyVtQg">https://bit.ly/3MyVtQg</a>	Report

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Lawson Foundation Outdoor Play Strategy Final Report (Outdoor Play Sector)	This document summarizes the learnings of individual projects and the findings of the third-party evaluation of the Strategy as conducted by the Social Research and Demonstration Corporation (SRDC). Beneficial practices and key learnings that emerged from projects are summarized for use by outdoor play champions, where applicable, in their own work.	2020	Lawson Foundation	Outdoor Play	Lawson Foundation	Canada	EN: <a href="https://bit.ly/3xy7wJu">https://bit.ly/3xy7wJu</a> FR: <a href="https://bit.ly/3mAWhJP">https://bit.ly/3mAWhJP</a>	Report
Indigenous Early Learning and Child Care Framework	The Indigenous Early Learning and Child Care Framework represents the Government of Canada and Indigenous peoples' work to co-develop a transformative Indigenous framework that reflects the unique cultures, aspirations and needs of First Nations, Inuit and Métis children across Canada.	2018	Government of Canada	Land-based Learning	Government of Canada	Canada	<a href="https://bit.ly/3MYi6i4">https://bit.ly/3MYi6i4</a>	Framework document
Supporting Indigenous Children's Development	This book challenges and offers an alternative to the imposition of best practices on communities by outside specialists. It tells of an unexpected partnership initiated by an Aboriginal tribal council with the University of Victoria's School of Child and Youth Care	2006	Jessica Ball	Land-based Learning	Canada Commons	Canada	<a href="https://bit.ly/3t0FZ0L">https://bit.ly/3t0FZ0L</a>	eBook
Indigenous Early Childhood Development in Canada : Current State of Knowledge and Future Directions	The paper aims to provide for Indigenous 3 children is critical to closing the gap a brief overview of the current state of knowledge on between Indigenous and non-Indigenous peoples in the health and well-being of First Nations, Inuit and Canada.	2019	Regine Halseth & Margo Greenwood	Land-based Learning	Canada Commons	Canada	<a href="https://bit.ly/3GqIiy4">https://bit.ly/3GqIiy4</a>	eBook
Indigenous Teaching Resource Centre	Lesson plans developed with an Indigenous perspective for teaching: Indigenous, land-based skills and knowledge; Indigenous languages	2018 to Present	National Centre for Collaboration in Indigenous Education	Land-based Learning	First Nations University of Canada / University of Regina	Canada	<a href="https://bit.ly/3z9cAVU">https://bit.ly/3z9cAVU</a>	Website
Environment, Climate and Kids: Time to Act.	The speakers explore the relationship between children's health and the environment, and how health systems can be better prepared for natural disasters and their impact on children. They discussed the impacts of climate change on children's health. Preparing children's health systems for natural disasters and their impacts, and a healthy response to climate change	2022	Anna Gunz, Courtney Howard, Mary McCaskill and Catherine Clark	Climate Change	Children's Healthcare Canada	Canada	<a href="https://bit.ly/3LzjMwa">https://bit.ly/3LzjMwa</a>	Website Speech
Outdoor Play Canada	Outdoor Play Canada is a network of advocates, practitioners, researchers and organizations working together to promote, protect, and preserve access to play in nature and the outdoors for all people living in Canada.	2019 to Present	Outdoor Play Canada	Outdoor Play	Outdoor Play Canada	Canada	<a href="https://bit.ly/3GMPmqn">https://bit.ly/3GMPmqn</a>	Website Resource

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"You Don't Wanna Teach Little Kids about Climate Change": Beliefs and Barriers to Sustainability Education in Early Childhood	To support a sustainable planet, preschools need to engage young children with sustainability education. In the United States, nature-based preschool programs are likely to promote environmental science and nature education, given their outdoor curricula, but very little is known about how these programs might also cultivate sustainability education. The researchers found most all of the teachers who participated in our study "wanted" to include sustainability education within their pedagogical approaches, and they did so by focusing on "every-day sustainability practices," but felt they could not engage in more ethically-driven sustainability practices due to curricular and parental barriers.	2020	Ginsburg, Julia L. & Audley, Shannon	Climate Change	International Journal of Early Childhood Environmental Education	United States	<a href="https://bit.ly/3t7vXe4">https://bit.ly/3t7vXe4</a>	Journal Article
The Climate Crisis Is a Child Rights Crisis: Introducing the Children's Climate Risk Index	he Children's Climate Risk Index provides the first comprehensive view of children's exposure and vulnerability to the impacts of climate change to help prioritize action for those most at risk and ultimately ensure today's children inherit a liveable planet. Utilizing high-resolution geographical data, this report provides new global evidence on how many children are currently exposed to a variety of climate and environmental hazards, shocks and stresses.	2021	UNICEF	Climate Change	UNICEF	United States	<a href="https://bit.ly/3N8zMr0">https://bit.ly/3N8zMr0</a>	Report (Descriptive)
Healthy and Sustainable Child Care Environments	With our partners, affiliates and collaborators, we have created a vision statement outlining ten core elements of healthy and sustainable child care. The vision is intended as a broad framework for collective efforts towards a world-class child care system in Canada that supports optimal and equitable child health and well-being for current and future generations.	2022	Canadian Partnership for Children's Health & Environment (CPCHE) and Healthy Environments for Learning Day	Climate Change Environment Child Well-being	Canadian Partnership for Children's Health & Environment (CPCHE) and Healthy Environments for Learning Day	Canada	<a href="https://bit.ly/3M9k9P9">https://bit.ly/3M9k9P9</a>	Website Statement
Informing Policy on Built Environments to Safeguard Children in Environmental Justice Communities: Case Study of Five AAP Climate Advocates	Climate change's health effects are most strongly felt in Environmental Justice (EJ) communities which are predominantly people of color. This results in a disproportionate burden of climate change health effects on EJ communities. Climate change is a public health crisis, and more importantly to pediatricians -- it is a pediatric public health crisis.	2021	Durrwachter-Erno, Katie; Huerto-Montanez, Gredia; Nguyen, Vivian; Levy, Aaron A.; Lawson, Jennifer Mah; Nguyen, Vi Thuy	Climate Change	Journal of Applied Research on Children	United States	<a href="https://bit.ly/3M99Omt">https://bit.ly/3M99Omt</a>	Journal Article
Some Effects of Unstructured Outdoor Plays on a Child: A Case Study from New Zealand	The aim of this study is to determine some effects of unstructured outdoor plays on a child in New Zealand. Qualitative approach is used within a case study. The defined themes at the end of the study are observing, exploring, cognitive development, creativity and self-confidence. It is needed more experimental studies with control groups.	2021	Okur-Berberoglu, Emel	Outdoor Play	International Electronic Journal of Environmental Education	New Zealand	<a href="https://bit.ly/3oiXimU">https://bit.ly/3oiXimU</a>	Journal Article

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The Power of Outdoor Play and Play in Natural Environments	In this article, the authors describe some of the reasons for this decline and outline the research-supported benefits of outdoor play in general, as well as benefits of play in natural outdoor environments in particular. Suggestions for making the most of outdoor play will benefit children around the world.	2016	Kristen M. Kemple, JiHyun Oh, Elizabeth Kenney & Tina Smith-Bonahue	Outdoor Play	Childhood Education	United States	<a href="https://bit.ly/3x6Rt5I">https://bit.ly/3x6Rt5I</a>	Journal Article
Complex Physical Activity, Outdoor Play, and School Readiness among Preschoolers	High quality educational settings play a crucial role in preparing a child to enter kindergarten, but little work has explored how outdoor play and complex physical activity outside school and childcare settings promote school readiness among preschoolers. Findings offer support that encouraging both outdoor play and participation in complex physical activities could promote school readiness, particularly when opportunities for outdoor playtime are limited.	2018	Becker, Derek R.; Grist, Cathy L.; Caudle, Lori A.; Watson, Myra K.	Outdoor Play	Global Education Review	United States	<a href="https://bit.ly/3M2OHCg">https://bit.ly/3M2OHCg</a>	Journal Article
Advancing Outdoor Play and Early Childhood Education: A Discussion Paper	The Lawson Foundation released this discussion paper which is a synthesis of a multi-sector symposium convened in October 2018. The discussion paper shares the major themes of the Symposium and proposes concrete actions to advance outdoor play and early childhood education.	2018	Lawson Foundation	Outdoor Play	Lawson Foundation	Canada	<a href="https://bit.ly/3M8CYCa">https://bit.ly/3M8CYCa</a>	Discussion Paper
Outdoor Play Glossary of Terms	The Outdoor Play Glossary provides a compilation of terminology & concepts integral to outdoor play. The purpose is to be consistent in the use of terms & build a shared understanding of language used in dialogue on outdoor play across Canada.	2022	Outdoor Play Canada & Lawson Foundation	Outdoor Play	Outdoor Play Canada	Canada	<a href="https://bit.ly/3GE8FSA">https://bit.ly/3GE8FSA</a>	Glossary of Terms
Children Nature Network	This organization support and mobilize leaders, educators, activists, practitioners and parents working to turn the trend of an indoor childhood back out to the benefits of nature—and to increase safe and equitable access to the natural world for all.	2016 to Present	Children Nature Network	Outdoor Play	Children Nature Network	United States	<a href="https://bit.ly/3xdjBPO">https://bit.ly/3xdjBPO</a>	Website
Child Care and the Environment: Intersections and Opportunities in BC	The Coalition of Child Care Advocates of BC and Early Childhood Educators of BC has released a \$10 a Day policy note that sets out to specifically examine five intersections between the issues of child care, the environment and climate change.	2022	Coalition of Child Care Advocates of BC & Early Childhood Educators of BC	Climate Change Environment	Coalition of Child Care Advocates of BC & Early Childhood Educators of BC	Canada	<a href="https://bit.ly/3m4BBtL">https://bit.ly/3m4BBtL</a>	Policy Note Document
What is Land-Based Learning?	Explore Land-Based Learning Initiatives from across Canada with moderator Dustin Brass. The speakers work on Land-Based Learning in Saskatchewan, New Brunswick and Ontario.	2020	Dustin Brass, Willie Ermine, Patsy McKinney, and Lisa Michano-Courchene	Land-based Learning	The National Centre for Collaboration in Indigenous Education	Canada	<a href="https://bit.ly/3xbTU6w">https://bit.ly/3xbTU6w</a>	Video Digital Forum

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Seasonal Pedagogy	'Seasonal Pedagogy' comes from Ojibwe Knowledge of the Four Seasons around the Great Lakes, it connects with the life experiences of all living things. Everything that grows has Birth, Movement, Relationship, and Passing. Because of these relationships, this 'Seasonal Pedagogy' sits at the 'edge of the bush' between notions and worldviews.	2021	Diane Kashin	Land-based Learning Outdoor Play	Edge of the Bush	Canada	<a href="https://bit.ly/3Ng1KS2">https://bit.ly/3Ng1KS2</a>	Website Article
Honouring the truth, reconciling for the future : summary of the final report of the Truth and Reconciliation Commission of Canada.	The Truth and Reconciliation Commission of Canada (TRC) released its findings with 94 calls to action aimed at building Indigenous culture and self-determination, and reconciliation between Canadian governments and Aboriginal societies.	2015	Truth and Reconciliation Commission of Canada	Land-based Learning	[Ottawa] : Truth and Reconciliation Commission of Canada	Canada	<a href="https://bit.ly/3NcMDZV">https://bit.ly/3NcMDZV</a>	Reprot Document
The Moccasin Identifier Project	This project has been developed by Carolyn King in partnership with Mississaugas of the Credit First Nation and the The Greenbelt Foundation, to promote public awareness of significant cultural historic sites and the ancestral presence of First Nations, Metis and Indigenous Communities.	2019 to Present	Carolyn King, Mississaugas of the New Credit First Nation and the Ontario Green Belt	Land-based Learning	The Moccasin Identifier	Canada	<a href="https://bit.ly/3GNxhIH">https://bit.ly/3GNxhIH</a>	Website
We Are All Treaty People by Indigenous Education	This set of learning modules has been created to support and inspire educators and future teachers to gain a deeper understanding of Indigenous perspectives and an appreciation of how Indigenous knowledge and worldviews can assist all learners in their educational journey. The goal of the modules is to provide an introductory grounding to key issues affecting Indigenous people in Canada as a foundation for further and deeper learning.	Unknown	Ontario Institute for Studies in Education	Land-based Learning	Ontario Institute for Studies in Education	Canada	<a href="https://bit.ly/3Nr2cwQ">https://bit.ly/3Nr2cwQ</a>	Website e-Learning Content
Alex Shores his Wampum Belt	A First Nation student named Alex and his inspiration to create a wampum belt from his Lego blocks. The boy explains that treaty belts are made from wampum and they represent promises made to last. The treaty is a living promise that means all people are Treaty People.	2017	Kelly Crawford	Land-based Learning	Union of Ontario Indians	Canada	<a href="https://bit.ly/38Of8y4">https://bit.ly/38Of8y4</a>	Illustrated Book
Treaty Baby	Treaty Baby features simple, one line sentences about a female and male toddler. The pair holding an important wampum belt representing the Evergrowing Tree of Peace. Each two-page spread tells young readers about treaties and their significance to Indigenous people.	2016	Sara General and Alyssa M. General	Land-based Learning	Spirit & Intent	Canada	<a href="https://bit.ly/3m7FzS6">https://bit.ly/3m7FzS6</a>	Illustrated Book
Learning how to care for Mother Earth	Listen to Elder Dave Courchene, share his wisdom with us about Mother Earth and how we can incorporate more of her into our lives so we can continue on the path to bringing her back to good health.	2019	Elder Dave Courchene	Land-based Learning	CBC Manitoba	Canada	<a href="https://bit.ly/3Nd6wzQ">https://bit.ly/3Nd6wzQ</a>	Video Digital Forum

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Nibi is Water, Nibi aawon nbiish	This book is written from an Anishinaabe water protector's perspective. There are many words associated with the importance of water - rain, snow, splashing, drinking and our role to thank, respect and protect Nibi. Nibi is water and water is life.	2020	Joanne Robertson, Isadore Toulouse, Shirley Williams	Land-based Learning Sustainability	Second Story Press	Canada	<a href="https://bit.ly/3m72op9">https://bit.ly/3m72op9</a>	Illustrated Book
A Walk on the Tundra	The authors have provided a helpful glossary of terms, plants and their uses. Throughout the book the author introduces Inuit words and the pronunciation guide and glossary are particularly helpful.	2018	Anna Ziegler, Rebecca Hainnu	Land-based Learning	Inhabit Media	Canada	<a href="https://bit.ly/3MeEu5Q">https://bit.ly/3MeEu5Q</a>	Illustrated Book
Sweetest Kulu	Lyrical and tenderly told by a mother speaking to her own little Kulu, an Inuktitut term of endearment often bestowed upon babies and young children, this visually stunning book is infused with the traditional Inuit values of love and respect for the land and its animal inhabitants.	2019	Celina Kalluk	Land-based Learning	Inhabit Media	Canada	<a href="https://bit.ly/3tbNty6">https://bit.ly/3tbNty6</a>	Illustrated Book
The Seven Teachings	The Seven Teachings are instrumental teachings in the aboriginal culture. These teachings honour spiritual law and bring us back to our connection to the land. The Seven Teachings or laws are represented by seven sacred animals. Each animal offers a special gift and understanding of how we as people should live our lives on mother earth.	2007	David Courchene	Land-based Learning	Author Solutions	Canada	<a href="https://bit.ly/3aDLFr8">https://bit.ly/3aDLFr8</a>	Book
The Seven Teachings Board Book	A welcomed edition to any Early Years classroom. Our new Early Years board books are bright, colorful and an easy way to introduce children to the alphabet and basic numbers. Each book has thick, durable pages to stand up to multiple uses.	Unknown	Native Reflections	Land-based Learning	Native Reflections	Canada	<a href="https://bit.ly/3x1X2R3">https://bit.ly/3x1X2R3</a>	Board Book
Stolen Words	old through the eyes of a child and her grandfather, the book captures the close and caring relationship between generations as the girl learns about residential schools and language loss. Grandfather lost his Cree language when he was taken from his loving family.	2017	Melanie Florence	Land-based Learning	Second Story Press	Canada	<a href="https://bit.ly/3PSVMIR">https://bit.ly/3PSVMIR</a>	Illustrated Book
Phyllis's Orange Shirt	This is Phyllis's story of living on the Dog Creek Reserve picking berries, gardening and fishing. One day she goes to town and picks out an orange shirt, which becomes her favourite. She wears this to her first day at residential school and it has become a symbol, especially on	2019	Phyllis Webstad	Land-based Learning	Medicine Wheel Education	Canada	<a href="https://bit.ly/3NRu9xP">https://bit.ly/3NRu9xP</a>	Illustrated Book

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Giving Thanks	This version of the Iroquois Thanksgiving Address or Ganohonyohk is written especially for children who want to know more about Six Nations Iroquois spirituality. Each page of the text addresses one aspect of creation, beginning with the people and extending to all of creation, including the food plants, animals, plants, trees, water, birds, four winds, thunders, sun, moon, stars, and spirit protectors.	1995	Chief Jake Swamp	Land-based Learning	Lee & Low Books	Canada	<a href="https://bit.ly/3x3LBse">https://bit.ly/3x3LBse</a>	Illustrated Book
We Give Our Thanks	The book celebrates how gratitude brings us closer to all of our relations, including the land, the waters, the medicines, and other beings in the natural world.	2021	Sara General Odadrihonyanisoh	Land-based Learning	Spirit & Intent	Canada	<a href="https://bit.ly/3teqL8h">https://bit.ly/3teqL8h</a>	Illustrated Book
Manitou Api: Where The Sun Rises - The Seven Sacred Laws	This excerpt explains the seven sacred laws that are represented by different animals. These teachings guide us on our human journey and help to connect us to nature.	2016	Elder Dave Courchene	Land-based Learning	Imagica Pictures	Canada	<a href="https://bit.ly/3zfE38y">https://bit.ly/3zfE38y</a>	Video
Braiding Sweetgrass: Indigenous Wisdom	In a rich braid of reflections that range from the creation of Turtle Island to the forces that threaten its flourishing today, she circles toward a central argument: that the awakening of a wider ecological consciousness requires the acknowledgement and celebration of our reciprocal relationship with the rest of the living world.	2015	Robin Wall Kimmerer	Land-based Learning	Milkweed Editions	Canada	<a href="https://bit.ly/3MelkeY">https://bit.ly/3MelkeY</a>	Book
Acknowledging Land	As non-Indigenous people and organizations have become aware of Truth and Reconciliation, there has been a move to begin public gatherings with a "Land Acknowledgement." Since there are different names connected with different lands at different points in history, the process of learning these nuances provides valuable context and often reveals a different story than we were taught in school.	2019	Hopi Martin	Land-based Learning	York Region Nature Collaborative	Canada	<a href="https://bit.ly/3GINOxw">https://bit.ly/3GINOxw</a>	Article
Mishkos Kenomagwen: The Teachings of Grass	Indigenous peoples worldwide honor plants, not only as our sustainers, but as our oldest teachers who share teachings of generosity, creativity, sustainability and joy. By their living examples, plants spur our imaginations of how we might live.	2014	Robin Kimmerer	Land-based Learning	Bioneers	Canada	<a href="https://bit.ly/3McHhfN">https://bit.ly/3McHhfN</a>	Video
Reconciliation Begins With the Land	Isaac Murdoch from Serpent River First Nation speaks about the importance of our relationship with the land and why we must include this when we talk about reconciliation	2016	Isaac Murdoch	Land-based Learning	Project H.O.M.E.	Canada	<a href="https://bit.ly/3GLZwHL">https://bit.ly/3GLZwHL</a>	Video

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Natural Curiosity	This book supports a stronger basic awareness of Indigenous perspectives and their importance to environmental education. The Indigenous lens in this edition represents a cross-cultural encounter supporting what can become an ongoing dialogue and evolution of practice in environmental inquiry.	2018	Doug Anderson, Julie Comay, Lorraine Chiarotto	Land-based Learning Outdoor Play	The Laboratory School at the Dr. Eric Jackman Institute of Child Study	Canada	<a href="https://bit.ly/3mq6xad">https://bit.ly/3mq6xad</a>	Book
National Child Care Survey	Over 2000 child care professionals responded, sharing their experiences and views on indoor air quality, reducing toxic exposures, climate action, greener play spaces and more. The results of the survey will identify ways that child care professionals can be better supported in their efforts to create healthier and greener child care settings for the well-being of children and staff.	2022	The Canadian Partnership for Children's Health and Environment (CPCHE) and the Canadian Child Care Federation (CCCC)	Climate Change Environment Well-being	Healthy Environments for Learning Day	Canada	<a href="https://bit.ly/3xlQtKu">https://bit.ly/3xlQtKu</a>	Survey Report
Creating Healthy and Sustainable Child Care Environments	Everyday actions — ranging from choosing safer cleaning products and toys to introducing a fragrance-free policy or composting program — can help a child care program create healthier indoor and outdoor spaces for children and staff, while contributing to environmental sustainability and action on climate change.	2022	The Canadian Partnership for Children's Health and Environment	Climate Change Environment Well-being	The Canadian Partnership for Children's Health and Environment	Canada	<a href="https://bit.ly/3mj9zdR">https://bit.ly/3mj9zdR</a>	Website Resource Hub
Advancing Environmental Health in Child Care Settings	The ideas and suggestions included in this checklist and resource hub—ranging from choosing safer cleaning products and toys to introducing a fragrance-free policy or composting program — can help a child care program go beyond basic regulatory requirements to create healthier and more sustainable indoor and outdoor environments for the children in their care.	2010	The Canadian Partnership for Children's Health and Environment	Environment Well-being	Canadian Partnership for Children's Health and Environment	Canada	<a href="https://bit.ly/3zlkT0O">https://bit.ly/3zlkT0O</a>	Checklist Document
Avoiding the TRAP: Traffic-Related Air Pollution in Toronto and Options for Reducing Exposure	Toronto's air quality is improving. Policies and programs implemented at all levels of government over the past decade have led to downward trends in pollutant emissions, ambient air pollution levels, and related health impacts. However, progress may be slowing and air pollution still poses a significant burden of illness in Toronto.	2017	City of Toronto	Environment Air Pollution Urban Planning	City of Toronto	Canada	<a href="https://bit.ly/3aMoXx2">https://bit.ly/3aMoXx2</a>	Report Document
Canadian Association of Physicians for the Environment	CAPE takes action to enable health for all by engaging with governments, running campaigns, conducting research, and drawing media attention to key issues.	1993 to Present	Canadian Association of Physicians for the Environment	Environment Well-being	Canadian Association of Physicians for the Environment	Canada	<a href="https://bit.ly/3xa6QlV">https://bit.ly/3xa6QlV</a>	Website



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Canadian Association of Nurses for the Environment	The CANE represents Nurses dedicated to the improvement of environmental health across all domains of nursing practice, policy, research and education. CANE works to facilitate knowledge sharing and transfer based on environmental health principles and nursing best practices.	1990 to Present	Canadian Association of Nurses for the Environment	Environment Well-being	Canadian Association of Nurses for the Environment	Canada	<a href="https://bit.ly/3mmnq35">https://bit.ly/3mmnq35</a>	Website
Active outdoor play statement from the Council of Chief Medical Officers of Health	The position statement applies to girls and boys (ages 3-12 years) regardless of ethnicity, race, or family socioeconomic status. Children who have a disability or a medical condition should also enjoy active play with guidance from a health professional.	2015	The Council of Chief Medical Officers of Health	Outdoor Play	Pan-Canadian Public Health Network	Canada	<a href="https://bit.ly/3NvxTVV">https://bit.ly/3NvxTVV</a>	Statement Document
'I learn new things and climb trees' - What children say about play in Wales	Most children are happy with the choice of good quality spaces, and overall are satisfied with their play opportunities. Nonetheless, a number of factors would seem to be important in restricting children's rights and may be causes of harm.	2019	Play Wales	Outdoor Play	Play Wales	Wales	<a href="https://bit.ly/3oytJxY">https://bit.ly/3oytJxY</a>	Report
Play Wales impact report 2020 - 2021	It features information and examples about how we have adapted our work to support the sector, in response to COVID-19, collaborated locally, nationally and internationally to support children's play and commissioned and published research to inform our work and to increase understanding of the importance of children's play and playwork.	2021	Play Wales	Outdoor Play	Play Wales	Wales	<a href="https://bit.ly/3NvklD0">https://bit.ly/3NvklD0</a>	Reprot
How Play Streets supports the development of physical literacy in children: A research review	The evaluation included exploring the evidence around organised street play and its contribution towards developing physical literacy in children. How Play Streets supports the development of physical literacy in children	2020	Play Australia	Outdoor Play	Play Australia	Australia	<a href="https://bit.ly/3oCRs09">https://bit.ly/3oCRs09</a>	Report
Outdoor Play and Learning Program	In 2016, EcoKids piloted Outdoor Play and Learning (OPAL) in six schools in the Greater Toronto Area (GTA). First established in the United Kingdom, OPAL is recognized as a best practice for supporting school improvement through play.	2016	EcoKids	Outdoor Play	EcoKids	Canada	<a href="https://bit.ly/3Q3NPjT">https://bit.ly/3Q3NPjT</a>	Program Project Website
My City Too Report	My City Too is an initiative by EcoKids and 8 80 Cities to develop a strategy that advances outdoor free play and independent mobility for children across the City of Toronto.	2019	EcoKids and 8 80 Cities	Outdoor Play	EcoKids	Caanda	<a href="https://bit.ly/3moX3do">https://bit.ly/3moX3do</a>	Reprot
How to Protect Kids from Nature-Deficit Disorder	The author reported that in just a few decades, childhood had moved indoors, disconnected from the natural world. There are many reasons for this, but the impact on children, people and the planet raised dire concerns.	2016	Richard Louv	Outdoor Play	Greater Good	United States	<a href="https://bit.ly/3Mu4Z7t">https://bit.ly/3Mu4Z7t</a>	Article

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Designing Streets for Kids	This Guide is a comprehensive, inspirational, yet practical guide that challenges us all to imagine a better way forward for our urban streets. Among their top 10 actions to improve streets for children: add spaces for play and learning.	2020	The Global Designing Cities Initiative	Outdoor Play	The Global Designing Cities Initiative	United States	<a href="https://bit.ly/3Mwr9FY">https://bit.ly/3Mwr9FY</a>	Guide Book
Raising Canada	The Raising Canada 2020 Report provides an in-depth review of the top 10 threats to childhood. Among the top 10 threats is physical inactivity.	2021	Children Frist Canada	Outdoor Play Well-being	Children Frist Canada	Canada	<a href="https://bit.ly/3Mnv4ot">https://bit.ly/3Mnv4ot</a>	Report
Review of inspiring case studies Play Streets and School Streets	Levelling the playing fields (LTPF) is a project by the Montreal Urban Ecology Centre (MUEC) and the School of Public Health at the University of Montreal (ESPUM) to deploy free-play pilot interventions in five Canadian communities using two innovative models of re-allocating urban space in favour of young children: the school street and the play street.	2020	Levelling the Playing Fields & Montreal Urban Ecology Centre	Outdoor Play Well-being	Levelling the Playing Fields	Canada	EN: <a href="https://bit.ly/3xrGROn">https://bit.ly/3xrGROn</a> FR: <a href="https://bit.ly/3xscvLK">https://bit.ly/3xscvLK</a>	Reprot
Playing to Learn	YMCA's National Playing to Learn curriculum was expanded upon by YMCA of Southwestern Ontario to shift the focus of the program towards self-directed and unstructured risky play for children, to support children's curiosities and interests while also building their resilience and confidence. Their curriculum is rooted in research on the association between outdoor play and children's positive holistic development.	2015 to Present	YMCA	Outdoor Play	YMCA	Canada	<a href="https://bit.ly/3mpwxA8">https://bit.ly/3mpwxA8</a>	Website Project
Whiteboard Video: Child Physical Activity During COVID-19	Dr. Sarah Moore from the Healthy Populations Institute, Dalhousie University, is featured among a series of five whiteboard animation videos focused on 'Staying Healthy During a Pandemic.' In her video, Dr. Moore describes the impact of COVID-19 on the movement behaviours of children.	2021	Sarah Moore	Outdoor Play Well-being	Youtube	Canada	<a href="https://bit.ly/3GWVBbn">https://bit.ly/3GWVBbn</a>	Video Series
Play Outdoors Magazine	In this magazine, the articles are written by educators, practitioners, and researchers and include: how-to incorporate loose parts in the outdoor environment, books and resources, voices from the field, reflection on and about practice, recipes, messages from parents.	2021 to Present	Play Outdoors Magazine	Outdoor Play Well-being	Play Outdoors Magazine	Canada	<a href="https://bit.ly/3GZbu0M">https://bit.ly/3GZbu0M</a>	Magazine
2015 Report Card on Physical Activity for Children and Youth	The authors identified that 'the biggest risk is keeping kids indoors' and highlighted findings from the Position Statement on Active Outdoor Play on the importance of outdoor play and outdoor risky play for children's health and wellbeing.	2015	ParticipACTION	Outdoor Play Well-being	ParticipACTION	Canada	<a href="https://bit.ly/3H0ZkEF">https://bit.ly/3H0ZkEF</a>	Report

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2018 Report Card on Physical Activity for Children and Youth	In this report, the authors are taking a closer look at what physical activity does for one of their most vital and complex organs: the brain. The data around physical activity is alarming: on average, kids are still sitting too much and moving too little to reach their full potential.	2018	ParticipACTION	Outdoor Play Well-being	ParticipACTION	Canada	<a href="https://bit.ly/3MuFH9g">https://bit.ly/3MuFH9g</a>	Report
Outdoor Playspaces for Children: An Evidence Review	Peterborough Public Health undertook an extensive review of evidence related to outdoor playspaces for children in response to an observed increase in playground injury rates in Peterborough compared to the rest of the province. The review focuses on evidence related to the benefits of outdoor play, safety and risk, injury prevention, physical activity, and physical and mental health.	2017	Peterborough Public Health	Outdoor Play Well-being	Peterborough Public Health	Canada	<a href="https://bit.ly/3mq7qNS">https://bit.ly/3mq7qNS</a>	Report
Spotlight: Creativity	This research report highlights leading education innovations from around the world, including the Walking Curriculum, a Canadian initiative led by Gillian Judson that aims develop students' Sense of Place and enrich their curricular learning through 60 different walks.	2020	Christopher Petrie	Outdoor Play Well-being	LEGO Foundation and hundrED	Finland	<a href="https://bit.ly/3Nwlobl">https://bit.ly/3Nwlobl</a>	Report
The importance of outdoor play and how to design outdoor spaces in ECE	This webinar covered the latest research on outdoor play, risky play, and play in nature, as well as practical ideas and strategies for incorporating outdoor play into ECE settings.	2020	Mariana Brussoni & Susan Herrington	Outdoor Play	The Education Hub	New Zealand	<a href="https://bit.ly/3xrum5j">https://bit.ly/3xrum5j</a>	Webinar
Outdoor play and why it's important	Children are spending less time playing outdoors, and particularly in natural environments, than in previous generations, despite the fact that outdoor play has a range of developmental benefits beyond physical and social development and the evidence base exploring the benefits of outdoor play is extensive.	2020	Vicky Hargraves	Outdoor Play	The Education Hub	New Zealand	<a href="https://bit.ly/3NtR3vj">https://bit.ly/3NtR3vj</a>	Article
The cognitive benefits of interacting with nature	We compare the restorative effects on cognitive functioning of interactions with natural versus urban environments.	2020	Marc G Berman, John Jonides, Stephen Kaplan	Outdoor Play	Psychological Science	United States	<a href="https://bit.ly/3H3oq64">https://bit.ly/3H3oq64</a>	Journal Article
The Benefits of Children's Engagement with Nature: A Systematic Literature Review	This paper sets out the findings of a systematic review of the research literature on the benefits that arise when children under 12 spend time in natural environments. The findings are relevant to the development of educational and planning policy and practice, and to advocacy work.	2014	Tim Gill	Outdoor Play	Children, Youth and Environments	United States	<a href="https://bit.ly/38YgMwY">https://bit.ly/38YgMwY</a>	Journal Article

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The influence of the outdoor environment: den-making in three different contexts	The research consisted of non-participant, narrative observations of children aged between 3- and 5-years and early years practitioners involved in supporting them in their play. Content analysis revealed common themes: the impact of the environment on the way children utilised their play space, how the resources in an outdoor environment provided opportunities for children to generate and sustain their imagination and creativity, and how relationships with other children and early years practitioners were facilitated through the outdoor environment.	2010	Natalie Canning	Outdoor Play	European Early Childhood Education Research Journal	United Kingdom	<a href="https://bit.ly/3H8R7P0">https://bit.ly/3H8R7P0</a>	Journal Article
A Systematic Review of Research into the Impact of Loose Parts Play on Children's Cognitive, Social and Emotional Development	Loose parts play (LPP) interventions introduce moveable materials and equipment to children's play spaces to facilitate unstructured, child-led play. We conducted a systematic search of the literature on LPP interventions for primary school-aged children which used quantitative outcome indicators for cognitive, social and/or emotional development.	2017	Jenny Louise Gibson, Megan Cornell & Tim Gill	Outdoor Play	School Mental Health	Australia, New Zealand, one United Kingdom	<a href="https://bit.ly/3xjFOyD">https://bit.ly/3xjFOyD</a>	Journal Article
Connecting children to nature through residential outdoor environmental education	Connecting to nature and spending time outdoors as children have been indicated as predictors of environmentally responsible behavior. These findings offer encouragement of residential outdoor environmental education programs' ability to foster connection to nature in participants.	2018	Lauren E. Mullenbach, Rob G. Andrejewski & Andrew J. Mowen	Outdoor Play	Environmental Education Research	United States	<a href="https://bit.ly/3znwDA4">https://bit.ly/3znwDA4</a>	Journal Article
"The Trampoline Tree and the Swamp Monster with 18 Heads": Outdoor Play in the Foundation Stage and Foundation Phase	This paper considers pedagogy and outdoor play in the early years. The particular focus is on the specific features and benefits of outdoor play. The paper will reflect on the development and opportunities for children's play themes and how these impact on pedagogy in early years settings.	2007	Tim Waller	Outdoor Play	Education	United Kingdom	<a href="https://bit.ly/3H2HH7y">https://bit.ly/3H2HH7y</a>	Journal Article
Benefits of Being in Nature	The Benefits of Being in Nature factsheet by the Halifax Regional Municipality and the Nova Scotia Health Authority summarizes evidence on the benefits of being in nature including the benefits of outdoor play for children's healthy movement, which references the Position Statement on Active Outdoor Play. Also included in the factsheet is a list of resources for getting into nature in and around the Halifax area.	2018	Halifax Regional Municipality and the Nova Scotia Health Authority	Outdoor Play	Halifax Regional Municipality and the Nova Scotia Health Authority	Canada	<a href="https://bit.ly/3Q7tDO9">https://bit.ly/3Q7tDO9</a>	Fact Sheet Document

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A Common Vision for increasing physical activity and reducing sedentary living in Canada: Let's Get Moving	A Common Vision for Increasing Physical Activity and Reducing Sedentary Living in Canada: Let's Get Moving Report, a national policy document by the Public Health Agency of Canada, provides guidance on ways to increase physical activity and reduce sedentary living.	2018	Health Canada	Outdoor Play	Health Canada	Canada	<a href="https://bit.ly/3zwsOt">https://bit.ly/3zwsOt</a>	Report Document
Active Healthy Kids Global Alliance	The Active Healthy Kids Global Alliance is committed to powering the global movement to get kids moving through thought leadership, knowledge translation and mobilization, capacity building, and advocacy. This is facilitated by sustainable partnerships and cross-sectoral collaborations that enable best-practice exchanges, networking and cross-fertilization.	2014 to Present	Active Healthy Kids Global Alliance	Outdoor Play	Active Healthy Kids Global Alliance	Canada	<a href="https://bit.ly/3NBJZi">https://bit.ly/3NBJZi</a>	Website Organization
Le Projet Alex	Le Projet Alex, launched by Association québécoise des CPE, is an initiative to support early childhood education services in bringing learning outdoors and exploring education by and through nature.	2011 to Present	Le Projet Alex	Outdoor Play	Association québécoise des CPE	Canada	FR: <a href="https://bit.ly/3Ny4wSN">https://bit.ly/3Ny4wSN</a>	Website Organization
RCPEM: Create nurturing outside environments	The 'create nurturing outside environments: supporting infant and young children's free movement and active play' project by Regroupement des Centres de la Petite Enfance de la Montérégie (RCPEM) provided information and training to six pilot communities to address limitations in outdoor play, outdoor play spaces, and parental attitudes to outdoor play.	2016 to 2019	Regroupement des Centres de la Petite Enfance de la Montérégie	Outdoor Play	Regroupement des Centres de la Petite Enfance de la Montérégie	Canada	FR: <a href="https://bit.ly/3mw4fnO">https://bit.ly/3mw4fnO</a>	Website Organization
Play Outside NS	Play Outside NS is brought to you by the PLEY (Physical Literacy and the Early Years) Project. Our focus is to promote physical literacy and the development of fundamental movement skills through sharing our research through events and online resources. We hope that this will become a resource for parents, educators, health professionals and sport coaches.	2019 to Present	Play Outside NS	Outdoor Play	Play Outside NS	Canada	<a href="https://bit.ly/3ms0SkC">https://bit.ly/3ms0SkC</a>	Website Organization
Funding for Outdoor Play in Canada	Funding for Outdoor Play in Canada supports funders and grant seekers in finding common ground and building partnerships to advance the multiple issue areas that overlap with outdoor play.	2021	Lawson Foundation & Outdoor Play Canada	Outdoor Play	Lawson Foundation & Outdoor Play Canada	Canada	<a href="https://bit.ly/3H2XUcZ">https://bit.ly/3H2XUcZ</a>	Report
The 2021 Canadian City Parks Report: Centring Equity & Resilience	Park People released the third Canadian City Parks Report discussing the lessons learned from COVID-19. The use of parks has increased during the pandemic, but it has also brought to light the work that needs to be done in addressing inequities and discrimination, particularly around homelessness in parks and anti-Black and anti-Indigenous racism.	2021	Park People	Environments Well-being Outdoor Play Land-based Learning	Park People	Canada	<a href="https://bit.ly/3MCsvz0">https://bit.ly/3MCsvz0</a>	Report Website

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Schoolyards Count: How Ontario's schoolyards measure up for health, physical activity and environmental learning	The report provides a review of why schoolyards matter for the health and wellbeing of students, a review of the gaps in research on schoolyard quality and presents their findings on the promotion of physical activity, environmental learning and play in schoolyards, and the quality of schoolyards between communities and neighborhoods.	2021	Kelly Gallagher-Mackay, Christine Corso and Tammy Shubat	Outdoor Play Environments Well-being	Outdoor Play Canada	Canada	<a href="https://bit.ly/3oGb7fn">https://bit.ly/3oGb7fn</a>	Report
The Case for Play in Schools: A review of the literature	The UK-based Outdoor Play and Learning project released a literature review on academic evidence that can inform OPAL's approach to play in schools. The report discusses the value of playtime in schools, in terms of intrinsic, and instrumental, with the ultimate goal of improving playtimes, making support and resources for play better and supporting schools for longer.	2021	Ana Ardelean, Kate Smith and Wendy Russell	Outdoor Play Well-being	Outdoor Play and Learning	United Kingdom	<a href="https://bit.ly/3NC9PAL">https://bit.ly/3NC9PAL</a>	Report
Play to Thrive	This report makes the case for the fundamental importance of play for children's ability to learn and thrive in the 21st century. The report provides an overview of the current state of global crises, how play may help children navigate these crises, why it is important to – and how to effectively – connect play and the school curriculum, barriers to the play revolution, and finally 5 calls to action to spread opportunities for play.	2021	Josh Fullan, Santiago Rincón-Gallardo and Dr. Jean Clinton	Outdoor Play Well-being	Maximum City	United States	<a href="https://bit.ly/3MyuZ1s">https://bit.ly/3MyuZ1s</a>	Report
CPHW Webinar: Our Planet, Our Health, Our Public Health Responsibility	The speaker delivered a webinar on behalf of the Canadian Public Health Association entitled 'Our Planet, Our Health, Our Public Health Responsibility', in which he discusses climate change as the greatest public health challenge we now face, and efforts such as promoting outdoor play and learning as part of the solution.	2022	Dr. Trevor Hancock	Outdoor Play Environments Well-being	Canadian Public Health Association	Canada	<a href="https://bit.ly/3HcQBIP">https://bit.ly/3HcQBIP</a>	Webinar
Nature Connection Handbook	This handbook offers guidance and support to those seeking to promote connections with nature. This beautifully illustrated online resource highlights the importance of fostering nature connections, offers five simple pathways to start building nature connection.	2022	Dr. Miles Richardson and Dr. Carly W Butler	Outdoor Play Environments	Finding Nature	United Kingdom	<a href="https://bit.ly/397VxsO">https://bit.ly/397VxsO</a>	Handbook
Climate Change: The Thief of Childhood	As predictions about the effects of climate change have become more urgent, Stuart Grauer has wondered how much to bring this information into the curriculum at his school. Would learning about the possibly disastrous effects of climate change cultivate a sense of despair in students and ruin their childhoods?	2020	Stuart R. Grauer	Climate Change	Phi Delta Kappan	United States	<a href="https://bit.ly/3msArbJ">https://bit.ly/3msArbJ</a>	Journal Article

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The Nexus of Climate Change, COVID-19, and Environmental Justice on Children's Health	Climate change poses a threat to children, who are increasingly vulnerable, depending on adults to protect them from the impacts of these changes. Children living in poverty carry additional burdens and risks, living in environments that consistently experience poor air and water quality from polluting industries, compounded by the effects of climate change.	2021	Emma Pennea, Laura Anderko, Caroline Moore and Ruth McDermott-Levy	Climate Change Well-being	Journal of Applied Research on Children	United States	<a href="https://bit.ly/3xyLeHz">https://bit.ly/3xyLeHz</a>	Journal Article
Young Children's Preferences: What Stimulates Children's Cognitive Play in Outdoor Preschools?	A number of studies have identified childcare environments as significant resources for children's development, learning through play, and contact with nature. The outcomes of this study have implications for the design of outdoor preschools, suggesting a balanced integration of nature with manufactured play features to enhance cognitive play experiences.	2017	Zahra Zamani	Outdoor Play	Journal of Early Childhood Research	United States	<a href="https://bit.ly/39dpJ5U">https://bit.ly/39dpJ5U</a>	Journal Article
Preschool Children's Social Play and Involvement in the Outdoor Environment	The results are discussed with reference to the need to implement innovations in the outdoor preschool environment that have a positive effect on child development. The outdoor environment should promote social participation as well as gender equality and inclusion, and consequently it should be designed to offer both access to a natural environment and multiple opportunities for play.	2017	Nekone Miranda, Inaki Larrea, Alexander Muela & Alexander Barandiaran	Outdoor Play	Early Education and Development	Spain	<a href="https://bit.ly/3znVR1e">https://bit.ly/3znVR1e</a>	Journal Article
A Young Child's Perspectives on Outdoor Play: A Case Study from Vancouver, British Columbia	There has been an increasing amount of concern about the lack of direct exposure that young children have to nature and the outdoors in Canada and the United States, leading to an increase in outdoor- and nature-based learning models for young children. The importance of young children's choice in active, co-constructed environmental education is discussed. As well, the need for early childhood environmental education to take place in locations that are familiar to young children is highlighted.	2015	A. Elizabeth Beattie	Outdoor Play	International Journal of Early Childhood Environmental Education	Canada	<a href="https://bit.ly/3MwwDkl">https://bit.ly/3MwwDkl</a>	Journal Article
Exploring Continuities between Family Engagement and Well-Being in Aboriginal Head Start Programs in Canada	Children and families receive maximum benefits from early childhood programs when families are actively engaged. The findings have relevancy beyond Indigenous contexts to all early childhood and child health programs that are questioning how to engage with families who experience multifaceted forms of social disadvantage and marginalization.	2019	Gerlach, Alison J., Gignac, Joan	Land-based Learning	Infants and Young Children	Canada	<a href="https://bit.ly/3NvZHcO">https://bit.ly/3NvZHcO</a>	Journal Article

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Indigenous Children's Linguistic Rights in the 21st Century: Intentions and Tensions in Practice	Examples are presented of Indigenous language programmes in early childhood settings in Australia, Canada, New Zealand, Sápmi and the USA to highlight the significant roles of policy, Elders, communities, teacher education and the role of early childhood education in supporting children and families to reclaim endangered Indigenous languages.	2019	Libby Lee-Hammond & Elizabeth Jackson-Barrett	Land-based Learning	International Journal of Early Childhood	Canada	<a href="https://bit.ly/3oFWed0">https://bit.ly/3oFWed0</a>	Journal Article
White Thinking: Behind the Mask of Racial Identity	This book revisits racism in history: slavery, the Code Noir, the instrumentalization of science and religion, colonial conquests and the empires, post-decolonisation and the pillaging of natural resources, the theft of African heritage.	2020	Lilian Thuram	Decolonization Race and Ethnicity	Books And More Agency	French	<a href="https://amzn.to/3HhjmZ">https://amzn.to/3HhjmZ</a>	Book
The Equity Myth: Racialization and Indigeneity at Canadian Universities	The university is often regarded as a bastion of liberal democracy where equity and diversity are promoted and racism doesn't exist. While some studies do point to the persistence of systemic barriers to equity in higher education, in-depth analyses of racism, racialization, and Indigeneity in the academy are more notable for excluding racialized and Indigenous professors.	2017	Frances Henry, Enakshi Dua, Carl E. James	Decolonization Race and Ethnicity Land-based Learning	Ubc Press	Canada	<a href="https://bit.ly/3NDeouJ">https://bit.ly/3NDeouJ</a>	Book
Reconciling in the Apocalypse	With the release last year of the Truth and Reconciliation Commission report on residential schools, the idea of "reconciliation" is still fresh on the tips of Canadian tongues, though it seems few have an understanding of what it means to practice reconciliation in the face of ongoing colonialism.	2016	Erica Violet Lee	Decolonization Land-based Learning	Canadian Centre for Policy Alternatives	Canada	<a href="https://bit.ly/3mAwYrD">https://bit.ly/3mAwYrD</a>	Article
The White Space	Despite the progressive changes wrought by the racial incorporation process of the 1960s and 1970s, the color line persists—albeit in a new, emergent form—particularly in those circumstances in which the black body faces acute challenges to its everyday life and existence, most commonly in what many blacks have come to perceive categorically as the white space.	2015	Elijah Anderson	Decolonization Race and Ethnicity	Sociology of Race and Ethnicity	United States	<a href="https://bit.ly/3MJJuQo">https://bit.ly/3MJJuQo</a>	Journal Article
TRAILBLAZERS	Trailblazers introduces readers to Canada's Black history through the under-told stories of over forty incredible Black change makers. With each short story carefully written in poetic form and accompanied by beautiful illustrations, this tribute brings complex topics and historical facts to life.	2020	Tiyahna Ridley-Padmore	Decolonization Race and Ethnicity	Indigo Press	Canada	<a href="https://bit.ly/3MKi8sW">https://bit.ly/3MKi8sW</a>	Book



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Le chemin de Jada (French Only)	Twins, the heroines however have a different skin color. During a game of hide and seek that lasts until nightfall, one of them discovers that her beauty is real even if she is not similar to her sister. An album on reconciliation, sisterhood and self-acceptance that takes up the codes of African tales.	2020	Laura Nsafou, Barbara Brun	Race and Ethnicity	CAMBOURAKIS	French	<a href="https://bit.ly/39hxacc">https://bit.ly/39hxacc</a>	Book
Métis In Space	What happens when two Métis women, who happen to be sci-fi nerds, drink wine and deconstruct the science fiction genre from a decolonial lense? Molly Swain & Chelsea Vowel break down tropes, themes & the hidden meanings behind the whitest genre of film & television we've ever known.	2014	Molly Swain, Chelsea Vowel	Land-based Learning	Métis In Space	Canada	<a href="https://bit.ly/3aPUQVf">https://bit.ly/3aPUQVf</a>	Podcast
Laissez-nous raconter : L'histoire crochie (French Only)	Our collective history has been written from a Eurocentric and colonialist point of view. Here, the First Peoples take up the talking stick to tell their vision of history. It is together, momu in Innu aimun, that we decolonize our minds one word at a time.	2020	Marie-Andrée Gill	Land-based Learning	Radio-Canada	Canada	<a href="https://bit.ly/3mCBaa3">https://bit.ly/3mCBaa3</a>	Podcast
Creating Ethical Spaces: Opportunities to Connect with Land for Life and Learning in the NWT	This is a story about our Earth, Water, Sky, Plants, Animals, and People. It is a story about connection and love. It is a story about the one thing that unites us all, and the one thing that we will never lose. We are the Land. We are Nature.	2018-2019	Chloe Dragon Smith	Land-based Learning Nature-based Learning Outdoor Play	The Gordon Foundation & The Jane Glassco Northern Fellowship	Canada	<a href="https://bit.ly/3xr6w8D">https://bit.ly/3xr6w8D</a>	Policy Paper
A Canadian Position Statement on Active Outdoor Play	Access to active play in nature and outdoors—with its risks—is essential for healthy child development. We recommend increasing children's opportunities for self-directed play outdoors in all settings—at home, at school, in child care, the community and nature.	2017	Unknown	Outdoor Play Nature-based Learning	International Journal of Environmental Research and Public Health	Canada	EN: <a href="https://bit.ly/3QI9Yuf">https://bit.ly/3QI9Yuf</a> FR: <a href="https://bit.ly/3N4XOTD">https://bit.ly/3N4XOTD</a>	Statement Document
Child & Nature Alliance of Canada	We foster meaningful connections with the outdoors for children and youth. All children and youth should have the opportunity to play and learn in forests, parks, meadows and mud puddles. We work to connect children and youth with nature through policy, research, and practice.	2016 to Present	Child & Nature Alliance of Canada	Outdoor Play Nature-based Learning	Child & Nature Alliance of Canada and Lawson Foundation	Canada	<a href="https://bit.ly/3HlkAFe">https://bit.ly/3HlkAFe</a>	Website Project
Risk Benefit Assessment for Outdoor Play: A Canadian Toolkit	The toolkit was designed to support practitioners who work in the outdoor play sector, enabling them to take a balanced approach to risk and safety when working with children outdoors. The toolkit is the result of a broad collaboration, with input from leading figures in outdoor play, academics, policy makers, and face-to-face practitioners from across Canada and has undergone legal review.	2019	Child and Nature Alliance of Canada	Outdoor Play	Child and Nature Alliance of Canada	Canada	EN: <a href="https://bit.ly/3mNp26w">https://bit.ly/3mNp26w</a> FR: <a href="https://bit.ly/3xNvlx8">https://bit.ly/3xNvlx8</a>	Document Assessment Toolkit

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A Canadian Perspective of Outdoor and Nature-Based Learning	Across Canada, early childhood education nature-based programs have gained popularity with many new programs being implemented each year. Once considered an alternative educational approach, the growing popularity of outdoor and nature-based learning experiences & programs indicate a need for greater understanding of the Canadian context.	2019	Elizabeth Boileau, Ziad Dabaja, Michelle Galijet, and Debra Harwood	Outdoor Play	Child and Nature Alliance of Canada	Canada	<a href="https://bit.ly/3HuVLHe">https://bit.ly/3HuVLHe</a>	Infographic
Indigenizing Outdoor Play	Indigenous peoples have thrived on the land now called Canada, since time immemorial. Many cultures and distinct peoples took shape over this time, all intimately tied in co-evolution with land. There is much to learn from Indigenous perspectives on outdoor play, perspectives that are rooted in the very places that all children play today.	2019	Angela James, Chloe Dragon-Smith, Wendy Lahey	Outdoor Play Land-based Learning	Encyclopedia on Early Childhood	Canada	<a href="https://bit.ly/39lHBvg">https://bit.ly/39lHBvg</a>	Journal Article
Connecting Canadians with Nature	There is growing recognition that North Americans are suffering from 'nature-deficit disorder,' the term used to describe the adverse personal and societal impacts of disconnecting from nature. a productive and innovative workforce, stimulating a strong economy, developing safe inclusive communities, inspiring feelings of national and provincial pride, and providing our children with the best opportunities to succeed.	2020	The Canadian Parks Council	Outdoor Play Nature-based Learning	The Canadian Parks Council	Canada	EN: <a href="https://bit.ly/39rKvyM">https://bit.ly/39rKvyM</a> FR: <a href="https://bit.ly/3NRDnL3">https://bit.ly/3NRDnL3</a> Inuktitut: <a href="https://bit.ly/3oZzkxp">https://bit.ly/3oZzkxp</a>	Document Report
The Nature Playbook	The Nature Playbook is a strategy to connect young people with Nature in Canada. It is meant to guide and inspire actions that all Canadians can take to connect a new generation with Nature.	2020	The Canadian Parks Council	Outdoor Play Nature-based Learning	The Canadian Parks Council	Canada	EN: <a href="https://bit.ly/3NVUStl">https://bit.ly/3NVUStl</a> FR: <a href="https://bit.ly/3oUnrJg">https://bit.ly/3oUnrJg</a>	Handbook Guide
To Wood Buffalo National Park, with love	This article told as a recounting to a young child. Through the telling, the story outlines issues and possible solutions to longstanding issues in this park, as well as conservation across Canada.	2020	Chloe Dragon Smith and Robert Grandjambe	Environments Nature-based Learning	Briarpatch Magazine	Canada	<a href="https://bit.ly/3MUHoNg">https://bit.ly/3MUHoNg</a>	Article
Balancing Worldviews: Climate Change Solutions in Canada's North	Indigenous perspectives on climate change, co-authored by women from the Northwest Territories, Nunavut, and the Yukon. This paper contains policy recommendations for Polar Knowledge Canada; however, shares useful information pertaining to the climate crisis and Indigenous solutions.	2018-2019	Chloe Dragon Smith, Tina Piulia DeCouto, Ashley Carvill	Climate Change Land-based Learning Nature-based Learning	The Gordon Foundation & Jane Glassco Northern Fellowship	Canada	<a href="https://bit.ly/3xQzfvX">https://bit.ly/3xQzfvX</a>	Paper
Clinic and park partnerships for childhood resilience: A prospective study of park prescriptions	Pediatricians need community resources for childhood stress. We examined the association of weekly park visits and resilience amongst children receiving a park prescription at a clinic for low-income families.	2019	Nooshin Razania, Kian Niknamb, Nancy M. Wellsc, Doug Thompsona, Nancy K. Hillsb, Gail Kennedyb, Rachel Gilgoffa, George W. Rutherford	Nature Health Outdoor Play	Health & Place	United States	<a href="https://bit.ly/3zQQMi6">https://bit.ly/3zQQMi6</a>	Journal Article

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Addressing Climate Change Also Means Addressing the Child Care Crisis	Early childhood education and care is not only a smart investment for our children's future, but it also reduces poverty and economic inequality as well as race and gender disparities. As we build new child care systems, they must be integrated into planning for climate change mitigation and adaptation.	2022	Rianne Mahon Mary King Ito Peng	Climate Change Policy	<a href="https://inequality.org">inequality.org</a>	United States	<a href="https://bit.ly/3tQPHTJ">https://bit.ly/3tQPHTJ</a>	Research Commentary
Climate change and child health: a scoping review and an expanded conceptual framework	This understanding can be further enhanced by using a broader range of research methods, studying overlooked populations and geographical regions, investigating the costs and benefits of mitigation and adaptation for child health, and considering the position of climate change and child health within the UN Sustainable Development Goals.	2021	Daniel Helldén, Camilla Andersson, Maria Nilsson, Kristie L Ebi, Peter Friberg, Tobias Alfvén	Climate Change Health Well-being	The Lancet	United States	<a href="https://bit.ly/3HL1Ten">https://bit.ly/3HL1Ten</a>	Journal Article
Global climate change and health in Canadian children	Climate change is accelerating, and countries in high latitudes, such as Canada, are experiencing climate change more directly and, for some end points, more dramatically than mid- and low-latitude countries. Children are vulnerable to climate change health effects, and physicians and other health care providers need to be ready to identify, manage, and prevent climate change-related health hazards.	2019	Irena Buka, Katherine M. Shea	Climate Change Health Well-being	Canadian Paediatric Society	Canada	<a href="https://bit.ly/3xGc0N7">https://bit.ly/3xGc0N7</a>	Practice Point
How Climate Change Affects Children's Health	Pediatricians see how climate change affects children's physical and mental health. When pediatricians talk with parents about what's good for their kids, part of our job is connecting the dots between climate change and their child's health.	2022	Aparna Bole, Claire McCarthy	Climate Change Health Well-being	American Academy of Pediatrics	United States	<a href="https://bit.ly/3n2OXqV">https://bit.ly/3n2OXqV</a>	Article
A Guide to Climate Change for Kids	NASA scientists have been studying Earth's climate for more than 40 years. We used what we've learned in that time to answer some of your biggest questions, such as climate change.	2022	NASA	Climate Change Environments Nature-base Learning	NASA	United States	<a href="https://go.nasa.gov/3HKWCUm">https://go.nasa.gov/3HKWCUm</a>	Website Resource Hub
How to Talk With Children About Climate Change	Your children may have questions about the changing climate. Many are hearing about or experiencing climate-change-fueled disasters such as wildfires and severe storms.	2022	Steph Lee	Climate Change	American Academy of Pediatrics	United States	<a href="https://bit.ly/3Qwof7z">https://bit.ly/3Qwof7z</a>	Article
Global Climate Change and Children's Health	Climate change poses threats to human health, safety, and security, and children are uniquely vulnerable to these threats. Pediatricians have a uniquely valuable role to play in the societal response to this global challenge.	2015	Samantha Ahdoot, et al.	Climate Change Well-being	American Academy of Pediatrics	United States	<a href="https://bit.ly/3n4NZtZ">https://bit.ly/3n4NZtZ</a>	Journal Article
The impacts of climate change put almost every child at risk	Almost every child on earth is exposed to at least one of these climate and environmental hazards. Without urgent action, this number will go up.	2021	UNICEF	Climate Change Well-being	UNICEF	United States	<a href="https://uni.cf/39F1o9I">https://uni.cf/39F1o9I</a>	Article

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The 2019 report of The Lancet Countdown on health and climate change: ensuring that the health of a child born today is not defined by a changing climate	The health effects of climate change will be unevenly distributed and children will be among those especially harmed.	2019	Nick Watts, et al.	Climate Change Health Well-being	The Lancet	United States	<a href="https://bit.ly/3HL5nNz">https://bit.ly/3HL5nNz</a>	Journal Article
Project Dryad	Project Dryad now co-leads the Secretariat of the Children's Environmental Rights Initiative (CERI), under the auspices of the UN Special Rapporteur on Human Rights and the Environment.	2020	Joni Pegram & Seán McCabe	Climate Change	Project Dryad	United Kingdom	<a href="https://bit.ly/3xM2kRc">https://bit.ly/3xM2kRc</a>	Organization Website
Go play outside! Reframing risk to promote children's outdoor play	Dr. Moriana Brussoni's lab developed and tested an online risk reframing toolkit (OutsidePlay.ca) to shift attitudes toward outdoor risky play by focusing on changing parents' mindsets about its importance to child development.	2013 to Present	BC Injury Research and Prevention Unit	Outdoor Play	BC Injury Research and Prevention Unit	Canada	<a href="https://bit.ly/3ODosu4">https://bit.ly/3ODosu4</a>	Resource Hub
College Faculty's Outdoor Play Pedagogy: The Ripple Effect	The governments of many nations invest significant funding into early childhood education (ECE) programs. These programs play an important role in preparing early childhood educators for the workforce; however, it is unknown how many include training in outdoor play. We examined how outdoor play pedagogy is positioned in publicly-funded college and institute programs in Canada.	2020	Beverlie Dietze, Okanagan College, & April Cutler, Kindergarten Teacher and Educational Consultant, West Kelowna, British Columbia, Canada	Outdoor Play	Canadian Journal of Environmental Education	Canada	<a href="https://bit.ly/3xN9lkw">https://bit.ly/3xN9lkw</a>	Journal Article
Exploring the national scope of outdoor nature-based early learning programs in Canada: Findings from a large-scale survey study	Across Canada, early learning nature-based programs are gaining popularity with many new programs being implemented each year. Moreover, findings suggested that weather conditions can impact the time spent outdoors and that emergent, child-centered curricula rooted in play were guiding the pedagogy of a large percentage of the represented programs.	2020	D. Harwood, E. Boileau, Z. Dabaja, K. Julien	Outdoor Play	The International Journal of Holistic Early Learning and Development	Canada	<a href="https://bit.ly/3u4PDji">https://bit.ly/3u4PDji</a>	Journal Article
YYC plays	The City of Calgary provided leadership and worked across multiple departments to better understand parental barriers to outdoor play and pilot mobile adventure playgrounds. Together with local organizations, they created Canada's first municipal Play Charter.	2018	City of Calgary	Outdoor Play	City of Calgary	Canada	<a href="https://bit.ly/3u1Qstl">https://bit.ly/3u1Qstl</a>	Website Project Public Policy
Chapter for Outdoor Play	This topic brings to light the benefits of outdoor play in early childhood on physical health, mental well-being, cognitive and social development. It also highlights the need to change the trends, so children can have daily access to outdoor play.	2018	Encyclopedia on Early Childhood Development	Outdoor Play	Encyclopedia on Early Childhood Development	Canada	<a href="https://bit.ly/3HZRLPe">https://bit.ly/3HZRLPe</a>	Website
Outdoor Pedagogy in Early Childhood Education: From Colleges to Communities	This project will demonstrate a model of outdoor pedagogy learning, teaching and mentoring to shift post-secondary systems for ECE programs with benefits for colleges and communities.	2020	Beverlie Dietze	Outdoor Play	Okanagan College & Lawson Foundation	Canada	<a href="https://bit.ly/3bhPBxU">https://bit.ly/3bhPBxU</a>	Video

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A Two-Eyed Seeing Approach to Land-based Play and Co-learning in Early Learning and Child Care Ecosystems	A Two-Eyed Seeing/Etuaptumuk approach braids the strengths of Indigenous and non-Indigenous ways of being, knowing and doing as a guiding principle for co-learning. Evaluation will demonstrate the effectiveness of training and practice on adult capacity to implement and advocate for a pedagogy of land-based play and learning.	2021	Humber College	Outdoor Play	Humber College & Lawson Foundation	Canada	<a href="https://bit.ly/3bhQXc0">https://bit.ly/3bhQXc0</a>	Initiative Project
Embedding Outdoor Play Training: A YMCA National Early Learning and Child Care Transformation	This project embeds outdoor pedagogy across the YMCA national network and curriculum through a train-the-trainer model. A participatory evaluation will document changes in attitudes and practice, policies and procedures, and inform understanding of systems change across ELCC networks.	2021	YMCA	Outdoor Play	YMCA & Lawson Foundation	Canada	<a href="https://bit.ly/3Algbkv">https://bit.ly/3Algbkv</a>	Project
PROMoting Early Childhood Outside (PRO-ECO): An Outdoor Play Intervention for Children Aged 3 to 5 Years in Early Learning and Child Care Programs	PRO-ECO intervention integrates four core components: development of policies and procedures, early childhood educator training and mentorship, outdoor space modifications, and parent/caregiver engagement. Findings can enhance outdoor play practice and policy in ELCC settings.	2021	Brussoni Lab	Outdoor Play	Brussoni Lab & Lawson Foundation	Canada	<a href="https://bit.ly/3OF1FoR">https://bit.ly/3OF1FoR</a>	Project
Creating Optimal Outdoor Spaces for Infants and Toddlers in Early Learning and Child Care	The RCPEM project aims to strengthen the outdoor play-based educational practices of their early learning and child care staff, and raise awareness among parents on the importance of time spent outdoors for their child's development.	2020	Regroupement des Centres de la Petite Enfance de la Monteregie	Outdoor Play	Regroupement des Centres de la Petite Enfance de la Monteregie & Lawson Foundation	Canada	EN: <a href="https://bit.ly/3ykHgCF">https://bit.ly/3ykHgCF</a> FR: <a href="https://bit.ly/3byAXCQ">https://bit.ly/3byAXCQ</a>	Project
O'Brien Farm Foundation	Their project aims to demonstrate the Cloudberry Forest School as a learning lab. They will identify best practices, risk management procedures, appropriate ratios, health and safety practices, and other quality assurances within their outdoor program, all with the goal of exploring the potential for Forest and Nature Schools to be licensed in Newfoundland and Labrador.	2020	O'Brien Farm Foundation	Outdoor Play	O'Brien Farm Foundation & Lawson Foundation	Canada	<a href="https://bit.ly/3ODmFik">https://bit.ly/3ODmFik</a>	Website Project
Energy retrofit for a climate resilient child care centre	In this paper, a deep energy retrofit of a child care centre located in Milan (Italy) is analysed on the basis of future weather scenarios; the analysis aims to identify to what extent choices that are made nowadays on the basis of a typical meteorological year may succeed to provide acceptable energy and indoor environmental performance throughout the future decades.	2016	Lorenzo Pagliano, Salvatore Carlucci, Francesco Causone, et al.	Childcare Design	Energy and Buildings	Italy	<a href="https://bit.ly/3urnJlh">https://bit.ly/3urnJlh</a>	Journal Article

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The design of landscapes at child-care centres: Seven Cs	The criteria were derived from a comparison of 12 sample outdoor play spaces at child-care centres in Vancouver, Canada, with findings from a review of the literature concerning landscapes designed for children. It earmark important physical dimensions of designed landscapes for children that can potentially enrich future designs at child-care centres	2007	Susan Herrington & Chandra Lesmeister	Childcare Design	Landscape Research	Canada	<a href="https://bit.ly/3P3lby2">https://bit.ly/3P3lby2</a>	Journal Article
The Childcare Environment and Children's Physical Activity	Children in centers with supportive environments achieved more moderate-to-vigorous physical activity. The current findings extend this evidence by identifying aspects of the childcare environment that relate to the physical activity behavior of children.	2008	Julie K. Bower, Derek P.Hales, Deborah F.Tate et al.	Outdoor Play Childcare Design	American Journal of Preventive Medicine	United States	<a href="https://bit.ly/3alcvEA">https://bit.ly/3alcvEA</a>	Journal Article
Toronto Green Standard	In Dec 2021 City Council adopted the Net Zero by 2040 Climate Strategy and accelerated the Toronto Green Standard (TGS) implementation dates for the Greenhouse Gas Emission limits to 2025 and 2028 so that buildings constructed on or after 2030 are near zero emissions.	2021	City of Toronto	Climate Change Childcare Design	City of Toronto	Canada	<a href="https://bit.ly/3yGnBfF">https://bit.ly/3yGnBfF</a>	Document
Net Zero by 2040: City Council adopts ambitious climate strategy	City Council adopted an ambitious strategy to reduce community-wide greenhouse gas (GHG) emissions in Toronto to net zero by 2040. Toronto's net zero by 2040 target is one of the most ambitious in North America.	2021	City of Toronto	Climate Change	City of Toronto	Canada	<a href="https://bit.ly/3o5K3K0">https://bit.ly/3o5K3K0</a>	News
Canada Green Building Council (CAGBC)	The Canada Green Building Council champions green buildings because they are healthier for people and the planet. We believe green buildings are a cost-effective solution for carbon reduction, job creation, and innovation. By transforming our communities with zero-carbon green buildings, we can put Canada on a path to a more sustainable future.	2002 to Present	Canada Green Building Council	Climate Change Childcare Design	Canada Green Building Council	Canada	<a href="https://bit.ly/3c3JFsK">https://bit.ly/3c3JFsK</a>	Website Organization
Leadership in Energy and Environmental Design (LEED) / LEED Canada	LEED is an international symbol of sustainability excellence and green building leadership. LEED's proven and holistic approach helps virtually all building types lower carbon emissions, conserve resources, and reduce operating costs by prioritizing sustainable practices. LEED Canada has developed a separate rating system adapted to the Canadian climate and regulations.	1993 to Present	Canada Green Building Council	Climate Change Childcare Design	Canada Green Building Council	Canada & US	<a href="https://bit.ly/3cjbBJ">https://bit.ly/3cjbBJ</a>	Introduction
Net-Zero Emissions by 2050 (Government Of Canada)	To avert the worst impacts of climate change, the Government of Canada is committed to achieving net-zero emissions by 2050. This goal will require support and engagement from all parts of society, including provinces and territories, cities, Indigenous Peoples, youth, and businesses.	2022	Government Of Canada	Climate Change	Government Of Canada	Canada	<a href="https://bit.ly/3yJqOee">https://bit.ly/3yJqOee</a>	News

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CAGBC Awards celebrate Canadian green building innovators	The national competition features award, Green Building Excellence for Canada's most efficient, effective, and impactful buildings and Green Building Leadership, for individuals or teams contributing to the success of Canada's green building industry.	2016 to Present	Canada Green Building Council	Climate Change Childcare Design	Canada Green Building Council	Canada	<a href="https://bit.ly/3aDgTiv">https://bit.ly/3aDgTiv</a>	Awards
New Mount Dennis daycare will be first city-owned net zero energy building	The new Mount Dennis Early Learning and Child Care Centre will be the first of its kind in the City of Toronto. With 98 spaces, the daycare will not only be the largest, but also the first city-owned net zero energy building.	2018	Lisa Rainford	Climate Change Childcare Design	<a href="https://toronto.com">Toronto.com</a>	Canada	<a href="https://bit.ly/3uO0gaD">https://bit.ly/3uO0gaD</a>	News
Climate Change and Health	The Canadian Medical Association has joined the Canadian Public Health Association and others in highlighting the links between climate change and health and calling on federal, provincial and territorial governments to take action to help prepare for and mitigate the impacts of climate change on Canadians.	2010 to Present	Canadian Medical Association	Climate Change Well-being	Canadian Medical Association	Canada	<a href="https://bit.ly/3AVwzs2">https://bit.ly/3AVwzs2</a>	Organization Website
UniverCity Childcare Centre	The UniverCity Childcare facility will provide unique opportunities both indoors and out for the children to explore water, light, air, gravity, vegetation, and seasonal change. The UniverCity Childcare Centre is the first building in western Canada to meet the Living Building Challenge, which means it will have to generate as much energy as it uses.	2012 to Present	UniverCity Childcare Centre	Childcare Design	UniverCity Childcare Centre	Canada	<a href="https://bit.ly/3RDVMgn">https://bit.ly/3RDVMgn</a>	Childcare Website
Living Building Challenge - International Living Future Institute	The International Living Future Institute is premised on the belief that providing a compelling vision for the future is a fundamental requirement for reconciling humanity's relationship with the natural world.	2012 to Present	Living Building Challenge	Climate Change Childcare Design	Living Building Challenge	United States	<a href="https://bit.ly/3aKHx98">https://bit.ly/3aKHx98</a>	Institute Website
Bernts Have Daycare Center	The building with its large green roof wedges into the hill while it opens up towards the landscape, the sun and playground to the south. The simple, minimalistic building is made of glass and wood. In the 'climate zone', a plant and herb bed for the children and large flowerpots for the nursery have been planted.	2009 to Present	Henning Larsen Architects	Childcare Design	Bernts Have Daycare Center	Denmark	<a href="https://bit.ly/3yMkmOS">https://bit.ly/3yMkmOS</a>	Design Description
Passive House Institute	The Passive House Institute (PHI) is an independent research institute that has played an especially crucial role in the development of the Passive House concept - the only internationally recognised, performance-based energy standard in construction.	1996 to Present	Passive House Institute	Climate Change Childcare Design	Passive House Institute	Germany & Austria	<a href="https://bit.ly/3RDxkXJ">https://bit.ly/3RDxkXJ</a>	Institute Website

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U.S. Green Building Council	USGBC's vision is that buildings and communities will regenerate and sustain the health and vitality of all life within a generation. Our mission is to transform the way buildings and communities are designed, built and operated, enabling an environmentally and socially responsible, healthy, and prosperous environment that improves the quality of life.	1993 to Present	U.S. Green Building Council	Climate Change Childcare Design	U.S. Green Building Council	United States	<a href="https://bit.ly/3uR00rc">https://bit.ly/3uR00rc</a>	Institute Website
Office of Energy Efficiency and Renewable Energy (EERE)	Eleven technology offices within EERE work toward the organization's mission: Advanced Manufacturing, Bioenergy, Buildings, Hydrogen and Fuel Cells, Geothermal, Solar Energy, Vehicles, Water Power, Wind Energy, and the Federal Energy Management and Weatherization and Intergovernmental programs.	1981 to Present	Office of Energy Efficiency and Renewable Energy	Climate Change	Office of Energy Efficiency and Renewable Energy	United States	<a href="https://bit.ly/3zePgqs">https://bit.ly/3zePgqs</a>	Official Website
Targeted change making for a healthy recovery	An unprecedented global mobilisation of health workers has called upon G20 leaders to focus on a healthy recovery from COVID-19 that centres on equity, climate change, biodiversity, and other planetary health considerations necessary to prevent the next crisis. Having been disrupted, global societies are being reimagined and generationally significant funds are being spent to bring new systems to life.	2020	Courtney Howard	Climate Change Well-being	The Lancet	United States	<a href="https://bit.ly/3aMgLO1">https://bit.ly/3aMgLO1</a>	Journal Article
Greening Daycare: Where to start?	William Gagnon, a building engineer who advocates and campaigners for climate, shared his point of view in his presentation at the '22 Summer Insitute regarding how to create a green daycare center.	2022	William Gagnon	Climate Change Childcare Design	Atkinson Centre	Canada	<a href="https://bit.ly/3cn2ffQ">https://bit.ly/3cn2ffQ</a>	Presentation Video Clip
Fostering children's ecocultural identities within ecoresiliency	Traditional stories and books shared with children in the United States often include negative or misleading messages about environmental identities and behaviors, such as the importance of individualism or natural resource abundance. Provide children with the building blocks for developing Earth regenerative ecocultural identities.	2020	Shannon Audley, Ninian R. Stein, Julia L. Ginsburg	Climate Change Nature-based Learning	Routledge Handbook of Ecocultural Identity	United States	<a href="https://bit.ly/3AVOBKP">https://bit.ly/3AVOBKP</a>	Journal Article
Canadian nature-based early childhood education and the UN 2030 Agenda for Sustainable Development: A Partial Alignment	In 2015, Canada adopted the UN 2030 agenda for sustainable development and committed to its 17 sustainable development goals aiming to address issues of social, economic and environmental nature. The authors contend that further studies are needed to examine how and to what extent outdoor nature-based programs can help equip future generations with a sustainable ethos.	2021	Elizabeth Y. S. Boileau, Ziad F. Dabaja and Debra Harwood	Climate Change Nature-based Learning	International Journal of Early Childhood Environmental Education	Canada	<a href="https://bit.ly/3PAdeqL">https://bit.ly/3PAdeqL</a>	Journal Article



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Exploring Nature With Children	Getting back to nature and incorporating elements of our natural world is an emerging topic in early childhood education. Outdoor play is an essential component of children's lives. The adults who surround them have a huge influence on how children connect to nature and express their desire to engage in active outdoor play.	2022	Canadian Child Care Federation	Nature-based Learning	Canadian Child Care Federation	Canada	<a href="https://bit.ly/3oInT6T">https://bit.ly/3oInT6T</a>	Institute Website
How is respecting the Environment addressed in Early Years settings?	Creating activities and spaces for children that addresses respect for their environment are some of the most fun and engaging activities for children. Having the opportunity to go outdoors or just learning about the way their world works intrigues children and they want to be involved and take part in any way they can.	2022	Play Within Early Years Classrooms	Nature-based Learning	Play Within Early Years Classrooms	Australia	<a href="https://bit.ly/3PrZSXX">https://bit.ly/3PrZSXX</a>	Website
Benefits of Connecting Children with Nature	Childcare center naturalized outdoor learning environments stimulate the diversity of children's play experience and contribute to their healthy development.	2012	Natural Learning Initiative	Nature-based Learning	Natural Learning Initiative	United States	<a href="https://bit.ly/3B8AO3y">https://bit.ly/3B8AO3y</a>	Document
Green Design As A Model For Healthy Daycare Centers In Lesotho: "an Enhancing And Nurturing Environment For Children"	This study therefore explores the green design alternative since it is an approach to building that minimizes negative impacts on human health and the natural environment by choosing eco-friendly building materials and building practices.	2021	Mapallo Monoko Tlaitlai, Tawanda Makurunge, Takura Bhila	Climate Change Childcare Design	International Journal Of All Research Writings	Lesotho & Malaysia	<a href="https://bit.ly/3z3yb0c">https://bit.ly/3z3yb0c</a>	Journal Article
The Importance Of Green Architectural Design In Children's Education	The aim of this article, using all the psychological and architectural information, is to present the influence and the importance of applying green architectural principles in designing for children, focusing on children in need.	2013	Cristina-Maria Povian	Climate Change Childcare Design	Section Green Design and Sustainable Architecture	Romania	<a href="https://bit.ly/3v956iJ">https://bit.ly/3v956iJ</a>	Journal Article
Going 'green' In Child Care Services	Developing children's understanding of their impact on the environment is the first step towards providing them with the necessary skills to be part of the climate change solution.	2009	Georgia McKay	Climate Change Childcare Design	Putting Children First, the magazine of the National Childcare Accreditation Council	Australia	<a href="https://bit.ly/3lWtZUF">https://bit.ly/3lWtZUF</a>	Article
Deconstructing 'green' A Holistic Approach To Designing Sustainable Child Development Centers	New center to actually make the facility more sustainable. That is, build it for 20% less but more sustainable. For example, we use much more wood than necessary and we use the wrong insulation — insulation that is not recycled, is chock-full of known carcinogens, and does not save much energy.	2009	Charles Durrett, Louis Torelli	Climate Change Childcare Design	Exchange: The Early Childhood Leaders' Magazine	United States	<a href="https://bit.ly/3Pyu0R9">https://bit.ly/3Pyu0R9</a>	Journal Article

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Investigation of the Relationship between Green Design and Project Delivery Methods	The selection of the project delivery method (PDM) for any project is critical--it establishes communication, coordination, and contractual issues between the owner, contractor, and designer. With an increase in the number of green design projects, understanding the relationship between the PDM and green design is paramount to project and contract management.	2008	Bilec, Melissa M; Ries, Robert J	Climate Change Childcare Design	Environmental Energy Technologies Division	United States	<a href="https://bit.ly/3zp0R5o">https://bit.ly/3zp0R5o</a>	Journal Article
The Built Environment: How City Design Impacts Child Health	This article briefly examines how a few key components of the built environment contribute to child health. Providing children and their families with recreational infrastructure promotes physical activity.	2012	Chris Foster, Sophia Lane	Urban Planning Well-being	Vol. 81 No. 2 (2012): Gastroenterology	Canada	<a href="https://bit.ly/3yXVJUj">https://bit.ly/3yXVJUj</a>	Journal Article
The built environment and children's health	The built environment embraces a wide range of concepts, from the design and integrity of housing, to land-use urban planning. A high-quality environment is essential for children to achieve optimal health and development.	2001	S K Cummins, R J Jackson	Urban Planning Well-being	Pediatric Clinics of North America	United States	<a href="https://bit.ly/3J2GDSe">https://bit.ly/3J2GDSe</a>	Journal Article
What We Know About How Urban Design Affects Children and Young People: The Interaction Between Health Outcomes and the Built Environment	To undertake a literature review focusing on what is known about the impact of urban design on children's health. To consider the responsibilities of Local Government to consult with children in its planning processes. To reflect on some of the requirements for planning a child friendly city	2007	Anna Stevenson	Urban Planning Well-being	Public Health Registrar, Christchurch City Council, Canterbury District Health Board	New Zealand	<a href="https://bit.ly/3oofHTl">https://bit.ly/3oofHTl</a>	Discussion Paper
Urban environment and cognitive and motor function in children from four European birth cohorts	This study provides further scientific evidence of the health benefits of well-designed urban planning. The study suggests that the built environment, green space and air pollution can affect cognitive and motor function in children.	2022	Anne-Claire Binter, Jonathan Y. Bernard, Mark Mon-Williams, et al.	Urban Planning Well-being	Environment International	United States	<a href="https://bit.ly/3v8sNYF">https://bit.ly/3v8sNYF</a>	Journal Article
Location Matters: Tips for Choosing a Safe Child Care Site	Child care providers have a lot to consider when choosing a site for their program. There's cost, location, suitable indoor and outdoor space, and so on. Child care providers must make sure their facilities are free of environmental hazards.	2019	Jessica Rose-Malm	Childcare Design Well-being	Child Care Aware of America	United States	<a href="https://bit.ly/3v8Qccz">https://bit.ly/3v8Qccz</a>	Online Article
Nature-based early childhood education for child health, wellbeing and development: a mixed-methods systematic review protocol	The main objective is to systematically review and synthesise the evidence to determine if nature-based ECE enhances children's health, wellbeing and development.	2020	Avril Johnstone, Paul McCrorie, Rita Cordovil, et al.	Nature-based Learning	Systematic Reviews	United States	<a href="https://bit.ly/3ooXcOw">https://bit.ly/3ooXcOw</a>	Journal Article
Evidence-Based Landscape Architecture for Human Health and Well-Being	Examples range from school-yard design that provides safe levels of solar radiation for children, to neighborhood parks and sidewalks that encourage people to walk and enjoy nearby nature.	2020	Robert D. Brow, Robert C. Corry	Childcare Design Urban Planning Well-being	Sustainability 2020	United States	<a href="https://bit.ly/3zrHqsv">https://bit.ly/3zrHqsv</a>	Journal Article

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Environmental Concerns at Child Care Facilities	An act prohibits buildings being renovated or constructed on contaminated sites to be used as a child care center or for educational purposes. The state may also require an indoor environmental assessment depending on the facility's prior use.	2019	Doug Farquhar	Childcare Design Well-being	National Conference of State Legislatures	United States	<a href="https://bit.ly/3Bblr9E">https://bit.ly/3Bblr9E</a>	Online Article
The Necessity of Urban Green Space for Children's Optimal Development	The authors state that all urban children should live within walking distance of a safe and welcoming public green space. They also shared many benefits of outdoor natural spaces for children's health and development as well as benefits for urban spaces including improved climate change resiliency.	2021	Suchitra Sugar	Urban Planning Well-being	UNICEF	United States	<a href="https://uni.cf/3oXlPIF">https://uni.cf/3oXlPIF</a>	Discussion Paper
Cities Alive: Designing for Urban Childhoods	A child-friendly approach to urban planning is a vital part of creating inclusive cities that work better for everyone. The report shows how we can create healthier and more inclusive, resilient and competitive cities for us to live, work and grow up in.	2017	Hannah Wright, Felicitas zu Dohna, et al.	Urban Planning Environments Well-being	ARUP	United Kingdom	<a href="https://bit.ly/3RYP4ll">https://bit.ly/3RYP4ll</a>	Report Case Studies
How can schools adapt to build climate resilience?	Climate change is already impacting people. In the coming decades, climate change will cause more frequent and widespread flooding, scarcity of water resources, and increased heat risk. How can schools adapt to safeguard the learning and wellbeing of students and staff?	2020	Annette Figueiredo, Ben Connor, Ruth Knight, et al.	Climate Change Urban Planning Environments Well-being	Greater London Authority	United Kingdom	<a href="https://bit.ly/3z3KVUL">https://bit.ly/3z3KVUL</a>	Report
Child-Centred Urban Resilience Framework	This framework guides efforts to build urban resilience that support children, youth, girls and boys. It integrates child and human rights into resilient urban development, enabling children to become agents of resilience.	2016	Suresh Pokharel, Kirsten McDonald, Anna Saxby	"Climate Change Urban Planning Environments Well-being	Australian Government and the Swedish Government	Australia & Sweden	<a href="https://bit.ly/3OwTzTo">https://bit.ly/3OwTzTo</a>	Framework
How do you design an infant school in an industrial area, to make it a sustainable learning hub?	The project includes advanced design features and high quality standards in terms of comfort and energy saving, low energy consumption, reduced emissions, exclusive use of renewable energy, and certified building materials.	2022	Ray Quinn	Childcare Design	ARUP	Italy	<a href="https://bit.ly/3RXGSLi">https://bit.ly/3RXGSLi</a>	Project Introduction
Shaping urbanization for children - A handbook on child-responsive urban planning	This publication calls all urban stakeholders to invest in child-responsive urban planning, recognizing that cities are not only drivers of prosperity, but also of inequity.	2018	UNICEF	Urban Planning Environments Outdoor Play	UNICEF	United States	<a href="https://uni.cf/3RXH8AY">https://uni.cf/3RXH8AY</a>	Handbook
In London, children are helping to design the streets	The urban environment shapes the lives of hundreds of millions of young lives. But children have rarely been considered, let alone consulted, by those who plan and build our cities.	2020	Alex Thornton	Urban Planning Environments	World Economic Forum	United Kingdom	<a href="https://bit.ly/3Px0eMN">https://bit.ly/3Px0eMN</a>	Online Article
Children's Green Infrastructure: Children and Their Rights to Nature and the City	Understanding children's needs and integrating their voices in urban planning and design processes are necessary conditions to moving forward to a fairer, more inclusive and truly collective urban project.	2022	Diogo Guedes Vidal, Eunice Castro Seixas	Urban Planning Environments	Urban Ecosystem Ecology Section	United States	<a href="https://bit.ly/3b1yeSp">https://bit.ly/3b1yeSp</a>	Journal Article

## Climate change and early childhood - Resources

Title	Topic	Year	Author	Category	Source	Source Country	Link	Source Type
Children's Participation in Urban Planning and Design: A Systematic Review	Urban planning and design play a central role in determining the quality of the built environment and the ways families with children can access and use public space. However, there remains an ongoing need to clarify children's involvement in planning.	2019	Özlemnur Ataol, P.J. V. van Wesemael	Urban Planning Environments	Child, Youth Environment	Netherlands	<a href="https://bit.ly/3OpWBqW">https://bit.ly/3OpWBqW</a>	Journal Article
The importance of outdoor play for young children's healthy development	In this paper, we present the main dimensions related to outdoor play that emerged during the project (contact with natural elements, importance of risk, socialization opportunities) and highlight the role of professionals and families in creating quality outdoor play opportunities.	2017	Gabriela Bento, Gisela Dias	Outdoor Play Nature-based Learning	Porto Biomedical Journal	Portugal	<a href="https://bit.ly/3BaK6fI">https://bit.ly/3BaK6fI</a>	Journal Article
Special issue: child-friendly cities	The authors see the focus on child-friendly cities as a valuable entry point for integrated healthy city commitment, policy and action, as set out at the foundation of the WHO Healthy Cities initiative	2019	Caroline Brown	Urban Planning Nature-based Learning Well-being	Cities & Health	United Kingdom	<a href="https://bit.ly/3zsjlSy">https://bit.ly/3zsjlSy</a>	Journal Article
Effect of frequency and mode of contact with nature on children's self-reported ecological behaviors	The relationship between spending time in nature and behaving in an ecological manner seems to be contingent on various factors. This cross-sectional study evaluates the association of Frequency of Contact with Nature (FCN) on children's Environmental Attitudes (EA) and self-reported Ecological Behaviors (EB).	2015	Silvia Collado, José A. Corraliza, Henk Staats, Miguel Ruiz	Nature-based Learning Outdoor Play	Journal of Environmental Psychology	United States	<a href="https://bit.ly/3osrlqJ">https://bit.ly/3osrlqJ</a>	Journal Article
Just Green Enough, Urban Development and Environmental Gentrification	Just Green Enough is a theoretically rigorous, practical, global, and accessible volume exploring, through varied case studies, the complexities of environmental improvement in an era of gentrification as global urban policy.	2017	Winifred Curran, Trina Hamilton	Urban Planning Environments	Routledge	United States	<a href="https://bit.ly/3vgfoxF">https://bit.ly/3vgfoxF</a>	Book
Green Spaces and Child Health and Development	The ongoing urbanisation worldwide has led to an increasing number of children living in urban areas. The paper aims to present a synopsis of the current state-of-the-art of research linking green space and child health and development.	2019	Payam Davvand, Mireia Gascon, Iana Markevych	Well-being Urban Planning	Biodiversity and Health in the Face of Climate Change	Spain & Germany	<a href="https://bit.ly/3PNCpQs">https://bit.ly/3PNCpQs</a>	Journal Article
Urban Biodiversity and Ecological Design for Sustainable Cities	Green playgrounds must be considered as an essential quality of cities and urban planning should provide public open spaces capable to perform ecosystem services as functions for children (Pages 125-141).	2021	Keitaro Ito	Urban Planning Childcare Design Well-being	Springer	Norway	<a href="https://bit.ly/3S2ljAq">https://bit.ly/3S2ljAq</a>	Book
Making Cities More Child- and Nature-Friendly: A Child-Focused Study of Nature Connectedness in New Zealand Cities	The authors explore how planners and other urban professionals can better understand and support children's connectivity with locally available biodiverse environments.	2015	Claire Freeman, Yolanda van Heezik, Kathryn Hand and Aviva Stein	Urban Planning Well-being	Child-Friendly Cities: Critical Approaches	New Zealand	<a href="https://bit.ly/3PQsoBX">https://bit.ly/3PQsoBX</a>	Journal Article

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Title	Topic	Year	Author	Category	Source	Source Country	Link	Source Type
The Social Sustainable City: How to Involve Children in Designing and Planning for Urban Childhoods?	In many countries, cities are expected to stimulate compact city development by the government, while at the same time develop healthier and more social sustainable cities. In Norway, national policy and planning regulation aim at stimulating a development that ensures active urban childhoods.	2019	Gro Sandkjaer Hanssen	Urban Planning Environments	The Transformative Power of Urban Planning through Social Innovation	Norway	<a href="https://bit.ly/3ospnwg">https://bit.ly/3ospnwg</a>	Journal Article
Reclaiming spaces: child inclusive urban design	The quality of outside play in urban and suburban spaces is crucial for the physical, social and cognitive development of young children. This paper points out the wider significance of spatial transformation of the city's needs to accommodate various demographics and requirements.	2019	Sukanya Krishnamurthy	Urban Planning Childcare Design Environments	Cities & Health	Netherlands	<a href="https://bit.ly/3RTkA4t">https://bit.ly/3RTkA4t</a>	Journal Article
Last Child in the Woods: Saving Our Children From Nature-Deficit Disorder	In this influential work about the staggering divide between children and the outdoors. This book has spurred a national dialogue among educators, health professionals, parents, developers and conservationists.	2010	Richard Louv	Outdoor Play Nature-based Learning Well-being	Atlantic Books	United States	<a href="https://bit.ly/3PRgfNf">https://bit.ly/3PRgfNf</a>	Book
The Relationship Between Green Space and Prosocial Behaviour Among Children and Adolescents: A Systematic Review	The plausible role of nearby green space in influencing prosocial behaviour among children and adolescents has been studied recently. However, no review has been conducted of the evidence testing the association between green space and prosocial behaviour. This systematic review addresses this gap among children and adolescents.	2020	I Gusti Ngurah Edi Putra, Thomas Astell-Bur, Dylan P. Cliff, et al.	Well-being Nature-based Learning Environments	Environmental Psychology, a section of the journal	United States	<a href="https://bit.ly/3cDPOMt">https://bit.ly/3cDPOMt</a>	Journal Article
Improving energy performance of school buildings while ensuring indoor air quality ventilation	Energy conscious design of school buildings, as well as deemed-to-satisfy provisions in a Performance Based Energy Code, should address the problem known as the energy efficiency—thermal comfort—indoor air quality dilemma.	2007	Rachel Becker, Itamar Goldberger, Monica Paciuk	Childcare Design Climate Change Well-being	Building and Environment	Israel	<a href="https://bit.ly/3S0Monx">https://bit.ly/3S0Monx</a>	Journal Article
Net-zero energy building schools	In the Netherlands with respect to sustainable educational building the main focus has been on energy saving. Recently some schools were built as rather environmental friendly schools with more attention to comfort and health aspects.	2013	Wim Zeiler, Gert Boxem	Childcare Design Climate Change Well-being	Renewable Energy	Netherlands	<a href="https://bit.ly/3PO7OST">https://bit.ly/3PO7OST</a>	Journal Article
A new procedure of energy audit and cost analysis for the transformation of a school into a nearly zero-energy building	The article presents the fundamental steps of building refurbishment toward the Nearly zero-energy buildings target; it is based on a detailed energy audit and on a financial analysis.	2017	Vincenzo Corrado, Ilaria Ballarinia, Simona Paduosa, Lidia Tulipano	Childcare Design Climate Change	Energy Procedia	Italy	<a href="https://bit.ly/3b3zF2E">https://bit.ly/3b3zF2E</a>	Journal Article
Developing two benchmark models for nearly zero energy schools	The paper provides a timely opportunity to evaluate the real performance of the Nearly zero-energy buildings, in relation to design assumptions and how schools' professionals can turn the energy performance gap challenge to their advantage.	2020	Shady Attiaa, Niloufar Shadmanfara, Federico Riccia	Childcare Design Climate Change	Applied Energy	Belgium & Italy	<a href="https://bit.ly/3BvCO6n">https://bit.ly/3BvCO6n</a>	Journal Article

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Title	Topic	Year	Author	Category	Source	Source Country	Link	Source Type
School Managers Perceptions towards Energy Efficiency and Renewable Energy Sources	This paper highlighted the need to intensify environmental education programs in the school environment concerning renewable energy sources in schools. This will lead to a higher level of environmental awareness of both teachers and students and therefore to a more dynamic behaviour towards the effort to "greenify" the school environment.	2021	Dimitrios Drosos, Grigorios L. Kyriakopoulos, Stamatios Ntanos, Androniki Parissi	Climate Change Environments	International Journal of Renewable Energy Development	Greece	<a href="https://bit.ly/3PPCp2d">https://bit.ly/3PPCp2d</a>	Journal Article
Schools: An Untapped Opportunity for a Carbon Neutral Future	This study demonstrates the abundant opportunities available for schools to reduce their consumption of resources, carbon emissions and utility costs with minimal to no cost outlay.	2021	Portia Odell, Vanessa Rauland, Karen Murcia	Childcare Design Climate Change Environments	Special Issue "Transforming Built Environments: Towards Carbon Neutral and Green-Blue Cities"	Australia	<a href="https://bit.ly/3ooj24S">https://bit.ly/3ooj24S</a>	Journal Article
Ventilation of sustainable schools: Better than traditional schools?	In the paper two of the first Dutch sustainable elementary schools are compared with 9 more traditional schools of the Netherlands to conclude whether the sustainable schools perform better than traditional schools.		Wim Zeiler	Childcare Design Climate Change Environments	ASHRAE Transactions	Netherlands	<a href="https://bit.ly/3PTaUVO">https://bit.ly/3PTaUVO</a>	Journal Article

## Climate change and early childhood - Resources

Merchant/Vendor/Company/Small Business						
Name	Description	Owner	Category	Country	Link	Notes
Kreative KITCHENZ	The carpenter's intention was to create an area which cultivated a deep sense of nature and an everlasting curiosity of it. The only thing missing was a Mud Kitchen - a space where nature could provide abundant concoctions and be embraced within imaginative play.	Michelle	Outdoor play	Canada	<a href="https://bit.ly/3aJBuB6">https://bit.ly/3aJBuB6</a>	Mud Kitchen
Earthscape Play	The purpose of this bussiness is to design and build inspiring custom playgrounds that stimulate children's imaginations, offer physical challenge and beneficial risk, foster social interaction and creative play. Design exceptional play value into playground sculptures and structures that provide ideal environments for healthy physical, social and cognitive development.	Unknown	Outdoor play	Canada	<a href="https://bit.ly/3xzZS1p">https://bit.ly/3xzZS1p</a>	Playground Equipment
Outdoor Learning Store	The purpose of The Outdoor Learning Store is to provide easy access to excellent outdoor learning equipment and resources to schools and organizations. This initiative is run as a social enterprise which allows us to provide a return for outdoor learning non-profit organizations from across the country, and beyond.	Unknown	Outdoor play Land-based Learning	Canada	<a href="https://bit.ly/3tulQ2c">https://bit.ly/3tulQ2c</a>	Equipment Books
Native Reflections	Native Reflections is working hard to preserve First Nations culture, language and traditions. We are looking to educate our youth through new and innovative ways, while keeping a connection to our past. We work with different First Nations across Canada to create new materials that promote our values and our traditional way of life.	Unknown	Land-based Learning Nature-based Learning Outdoor play	Canada	<a href="https://bit.ly/3xqKovn">https://bit.ly/3xqKovn</a>	Supplies Equipment Books
Good Minds	Good Minds is a First Nations family owned business, who is passionate about Indigenous education. You find First Nations, Metis, Inuit and Native American educational resources and products in the store.	Unknown	Land-based Learning Nature-based Learning Outdoor play	Canada	<a href="https://bit.ly/3zrxvvs">https://bit.ly/3zrxvvs</a>	Books
Bushkids	The Bushkids Program is an on-the-Land learning initiative based in Yellowknife, NT. Developing healthy relationships with ourselves, each other, and the Land is one of the primary principles of Bushkids. To support this, children learn in their natural environment using an inquiry-based and play-based approach.	Chloe Dragon Smith	Land-based Learning Ethical Space Outdoor Play	Canada	<a href="https://bit.ly/3zz817p">https://bit.ly/3zz817p</a>	Learning Program
Beb(a)ski	Beb(a)ski is an Indigenous business. Our strength is our deep connection with the Land. Our practices are holistic and circular, and we participate in each step of our processes - from harvesting, to handling, to selling, to sharing.	Robert Grandjambe and Chloe Dragon Smith	Land-based Learning	Canada	<a href="https://bit.ly/3NTLkz4">https://bit.ly/3NTLkz4</a>	Materials

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Future Ancestors Services	Future Ancestors Services is an Indigenous and Black-owned, youth-led professional services social enterprise that advances climate justice and systemic barrier removal with lenses of anti-racism and ancestral accountability.	Chúk Odenigbo	Land-based Learning Climate Change Decolonization Sustainability Race and Ethnicity	Canada	<a href="https://bit.ly/3b1iA9k">https://bit.ly/3b1iA9k</a>	Speaking Training Consulting
Vivo for Healthier Generations	Vivo for Healthier Generations implemented its Play Ambassadors pilot outdoor play program in north-central Calgary. The goals of this program were to: Increase unstructured, outdoor play through the creation of enriching environments for play. Increase the quality of unstructured, outdoor play by training community members as Play Ambassadors in an evidence-based curriculum for play facilitation. Evaluate the effectiveness of the above.	Unknown	Outdoor Play Nature-Based Learning	Canada	<a href="https://bit.ly/3NF9YU7">https://bit.ly/3NF9YU7</a>	Training Program & Service
Ecosource   Dig into play!	Ecosource's Dig into play! program increased opportunities for over 1,000 children 0-12 years old to re-discover outdoor, unstructured play in six community gardens across Ontario's Peel Region. They also developed design considerations and best practices for other organizations to create nature experiences that incorporate gardening.	Unknown	Outdoor Play Nature-Based Learning	Canada	<a href="https://bit.ly/3A2W4XQ">https://bit.ly/3A2W4XQ</a>	Play Sessions