



ISSOP

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SOCIAL PEDIATRICS and CHILD HEALTH

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Declaration

Responding to the Impact of the Climate Crisis on Children and Youth

The Role of Child Health Professionals and Organizations In Achieving Climate Justice

The Climate Crisis is a Child Rights Crisis

Introduction

Children worldwide are demanding their views on climate change be heard, a right guaranteed by the United Nations Convention on the Rights of the Child (CRC) and Sustainable Development Goals (SDGs). They have reason to be concerned—the 2019 Lancet Countdown and multiple other publications document the profound vulnerability of infants and children to the direct and indirect impact of climate change on their own health and well-being, and that of future generations.

The climate crisis is a child rights crisis. As such, it is critically important that a child rights-based approach be utilized to advance all elements of the response to the climate crisis on children. The CRC and SDGs are fundamental to this response. The principles, standards and norms of child rights, social justice and equity provide a blueprint, tools and metrics to frame the response to the effects of climate change on children.

Child health professionals must follow the lead of the world's youth and develop long-term relationships with them as we collaboratively respond to the existential threats of the climate crisis on children and childhood. No profession will bear witness to the effects of climate change on children to the extent of child health professionals. As the only global child health organization focused on social pediatrics and child rights, ISSOP is uniquely positioned to engage multidisciplinary child health professionals and child advocates in developing comprehensive, transdisciplinary strategies to prevent and mitigate the impact of the global climate crisis on children and youth.

In recognition of the ancestral wisdom and knowledge of Indigenous Peoples that honors the environment through careful stewardship and concern for the rights of all people to live in harmony with the biosphere, we firmly resolve to take the necessary actions to achieve an equitable and just transition to a sustainable planet for all children.

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Toward these ends:

Whereas, the Intergovernmental Panel on Climate Change’s fourth assessment report concluded the Earth is undergoing adverse global climate change and that man-made contributions are significant; and

Whereas, climate changes have created conditions that affect public health, with disproportionate effects on certain life stages and circumstances, in particular children and those living in poverty and low income countries; and

Whereas, children are particularly vulnerable because their bodies are growing and developing, they have unique behaviors and interactions with their environment, and they must rely on parents and caregivers to provide for their basic needs; and

Whereas, climate change will affect children’s health as a result of their exposure to elevated temperatures; more frequent, severe, or longer-lasting extreme weather events; increasing transmission rates of food, water, and vector-borne diseases; increasing rates of mycotoxin-related illnesses; increases in air pollution from molds, pollens, and the burning of fossil fuels; and mental health stressors; and

Whereas, displacement, destruction of infrastructure, and conflicts arising from competition for water, food and other resources will increasingly impact children’s health, mental health, and well-being; and

Whereas, conflict is not only a consequence of climate change (competing for dwindling resources), but is also a primary driver of the exploitation of natural resources to produce military hardware and transport it; and

Whereas, the digitization of our world consumes vast amounts of energy; and

Whereas, children experience different mental health effects than adults during and after disasters—that vary based on their developmental stage and level of cognitive and emotional maturity; and

Whereas, the effects of climate change on mental health among children have been reviewed, and researchers have called for identification of “...ways to fortify the societal structures necessary for mental health that climate change threatens to erode;”

Therefore be it resolved, that regional, national, and international pediatric and child health organizations—together with multidisciplinary child health professionals, child advocates, youth, and families—commit to work individually and collectively to minimize the use of fossil fuels, decrease global carbon emissions, mitigate the impact of climate change on children, and achieve climate justice in an ecologically-grounded and sustainable world, such that, in unison they/we:

As national and international child health professionals and professional organizations:

- Use the framework of anticipatory guidance at office visits for discussing climate change with families. Serve as personal role models for practices that promote environmental sustainability.

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- Develop and disseminate strategies and tools to ensure child health professionals have the capacity to translate the ecological elements of Whole Child health, which include the need for clean air and water, nutritious food, access to parks and green spaces, etc. into practice.
- Reduce the carbon footprint associated with professional meetings, including reducing flying; contracting with “Green” facilities and organizations; offering primarily vegetarian, climate-conscious, and locally-sourced meals, etc.
- End sponsorship of pediatric and child health meetings by formula and baby food industries and promote breast feeding, which is more environmentally friendly than the production of formula and processed foods.
- Stop the commercial exploitation of children and mitigate its impact on consumerism across the life course.
- Refuse sponsorship of pediatric meetings by the fossil fuel industry.
- Collaborate with health departments, academic institutions, research facilities, and activist groups to enhance surveillance, analysis, and reporting of climate-sensitive health effects on children.
- Address the harm and manage the damage currently occurring secondary to the impact of climate change, including support for families displaced due to climate change, better health services and access to treatment of vector-borne illnesses and heat stroke, expanded vaccine access, better housing structures, etc.
- Participate in and advance research on effects of climate change on child health inequities, and catalyze transformative actions that translate this research into practice.
- Strengthen disaster preparedness, in particular as it relates to children and youth.
- Purchase local and recycled goods, and avoid disposable products.
- Advance reproductive rights of individuals and families.
- Build coalitions to address climate change through education, advocacy and civil action.

Promote education:

- Of child health professionals at all levels of training and in all venues of practice, on all aspects of the climate crisis, including: a) the science of climate change, b) the direct and indirect impact of climate change on child health and well-being, c) strategies for mitigating carbon emissions, d) approaches to preventing and responding to the impact of climate change on children’s physical and mental health, and e) how to be an effective child advocate.
- Of all on the importance of education on child rights (UN CRC Art. 42), which empowers the child and supports the child’s voice on the issue of climate change.
- Of children and families on climate change and its impact on child health and well-being, in clinical practice and health venues (offices, clinics, hospitals), schools, civil society, and other places where children and adults live and learn.
- Of elected officials on the risks climate change pose to child health; speak at public hearings; and provide expert testimony. Help educate the public through letters to the editor and community engagement. Advance and fulfill targets for CO₂ reduction by pediatric societies.
- Of communities, including professionals and non-professionals of all ages, about how to advocate individually and collectively and work with children to raise awareness and respond to the climate crisis.
- Of parents and children about commercialism, the right of children to be protected from exploitation by the media and harmful marketing practices, and the impact of commercialism on climate change.

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- About integrative and collaborative movements, such as One Health, Planetary Health, and Traditional Ecological Knowledge, which identify the root civil-political, social, economic, cultural, ecological, and philosophical causes of climate change. And, with this knowledge, provide strategies to maintain resilient ecosystems, protect biodiversity, cultivate inter-species justice, and advance human rights, equity, and social justice.

Advocate for:

- Local, national, and international policies and strategies that rapidly reduce greenhouse gas emissions and ensure preparedness for climate-associated extreme weather events.
- Sustainable and renewable electricity-generating systems, accessible transportation, plant-based and regeneratively-produced food, and equitable access to green spaces that improve the lives of children and families.
- Sustainable, carbon neutral housing, and upgrading of existing housing stock as a means of reducing childhood respiratory conditions.
- Basic energy-saving strategies in homes, schools, hospitals, the workplace, etc.
- Alternate and healthier forms of transportation for all (foot, bicycles, electric vehicles including public transportation) to reduce air pollution and dependency on carbon producing vehicles.
- Implementation of the principles of sustainable development.
- Advancing and supporting children’s own advocacy and mitigation endeavours on the climate crisis.
- Engaging clinical and non-clinical staff in clinical practices, hospitals, and health systems; and children, youth, and patients’ families, as advocates.
- Working to reduce the carbon and environmental footprint of health facilities—including strategies to increase energy efficiency, incorporate renewable energy sources, and reduce waste.

As human-induced climate changes impact children and youth, child health professionals, societies, and organizations must acknowledge the global climate crisis as an existential and universal threat to children’s health and well-being. We must proceed forcefully as individuals and jointly as organizations and societies to prevent, mitigate, and decisively correct this impact and fulfil the rights of children to optimal survival and development.

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Resources

- Ahdoot S, Pacheco SE; Council on Environmental Health. Global climate change and children's health. *Pediatrics*. 2015;136(5):e1468-84.
- American Academy of Pediatrics Council on Environmental Health. Global climate change and children's health. *Pediatrics*. 2015;136(5):992-997
- <https://www.borderstep.org/digitisation-climate-protection/>
- Bhutta ZA, Aimone A, Akhtar S. Climate change and global child health: what can paediatricians do? *Arch Dis Child*. 2019;104(5):417-418.
- Burke SEL, Sanson AV, Van Hoorn J. The psychological effects of climate change on children. *Curr Psychiatry Rep*. 2018;20(5):35. doi: 10.1007/s11920-018-0896-9.
- Helldén D, Andersson C, Nilsson M, Ebi KL, Friberg P, Alfvén T. Climate change and child health: a scoping review and an expanded conceptual framework. *Lancet Planet Health* 2021; 5: e164–75
- Kar N. Psychological impact of disasters on children: review of assessment and interventions. *World J Pediatr* 2009;5(1):5-11.
- Kiang K, Graham S, Farrant B. Climate change, child health and the role of the paediatric profession in under-resourced settings. *Trop Med Int Health*. 2013;18(9):1053-1056.
- Lancet Countdown, 2019: 2019 Lancet Countdown on Health and Climate Change Policy Brief for the United States of America. Salas RN, Knappenberger P, Hess JJ. Lancet Countdown U.S. Policy Brief, London, United Kingdom. Available at: <https://www.lancetcountdownus.org/>
- Lloyd SJ, Bangalore M, Chalabi Z, Kovats RS, Hallegatte S, Rozenberg J, Valin H, Havlík P. A Global-Level Model of the Potential Impacts of Climate Change on Child Stunting via Income and Food Price in 2030. *Environ Health Perspect*. 2018;126(9):97007.
- Madrid PA, Grant R, Reilly MJ, Redlener NB. Short-term impact of a major disaster on children's mental health: building resiliency in the aftermath of Hurricane Katrina. *Pediatr* 2006;117(5): S448S453.
- Majeed H, Lee J. The impact of climate change on youth depression and mental health. *Lancet Planet Health*. 2017;1(3):e94-e95. doi: 10.1016/S2542-5196(17)30045-1.
- OHCHR. Understanding Human Rights and Climate Change. Available at: <https://www.ohchr.org/Documents/Issues/ClimateChange/COP21.pdf>
- OHCHR. The impacts of climate change on the rights of the child. Available at: <https://www.ohchr.org/EN/Issues/HRAndClimateChange/Pages/RightsChild.aspx>
- Perera F, Ashrafi A, Kinney P, Mills D. Towards a fuller assessment of benefits to children's health of reducing air pollution and mitigating climate change due to fossil fuel combustion. *Environ Res*. 2019;172:55-72.
- Philipsborn RP, Chan K. Climate Change and Global Child Health. *Pediatrics*. 2018;141(6).
- Salas RN, Jacobs W, Perera F. The Case of *Juliana v. U.S.* - Children and the Health Burdens of Climate Change. *N Engl J Med*. 2019;380(22):2085-2087.
- Sheffield PE, Landrigan PJ. Global climate change and children's health: Threats and strategies for prevention. *Environ Health Perspect*. 2011;119(3):291–298
- Stanberry LR, Thomson MC, James W. Prioritizing the needs of children in a changing climate. *PLoS Med*. 2018;15(7):e1002627.
- Swaminathan A, Lucas RM, Harley D, McMichael AJ. Will global climate change alter fundamental human immune reactivity: Implications for child health? *Children (Basel)*. 2014;1(3):403-23.

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- United Nations. 1989. Convention on the Rights of the Child. Available at: https://treaties.un.org/doc/Treaties/1990/09/19900902%2003-14%20AM/Ch_IV_11p.pdf
- United Nations Children’s Fund. Unless we act now: The impact of climate change on children. UNICEF, New York, NY. 2015. Available at: https://www.unicef.org/publications/files/Unless_we_act_now_The_impact_of_climate_change_on_children.pdf
- Waterston T, Lenton S. Sustainable development, human induced global climate change, and the health of children. Arch Dis Child. 2000;82:95-7.
- Watts, et al. The 2019 report of the Lancet Commission <https://www.thelancet.com/action/showPdf?pii=S0140-6736%2819%2932596-6>
- Wynes S & Nicholas KA. The climate mitigation gap: education and government recommendations miss the most effective individual actions. Environ Res Lett 2017; 12: 074024
- Xu Z, Etzel RA, Su H, Huang C, Guo Y, Tong S. Impact of ambient temperature on children’s health: a systematic review. Environ Res. 2012;117:120–131, <https://www.MyGreenDoctor.org>
- Sustainable Development Goals. <https://sustainabledevelopment.un.org/sdgs>