



Welche Auswirkung hat die Klimakrise auf die Logopädie?

Josephine Schomaker
Logopädin
HAWK Hildesheim

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Das sagt die Wissenschaft



PERSPECTIVES 

SIG 17

Tutorial

Communication and Swallowing Disorders: The Effects of Climate Change

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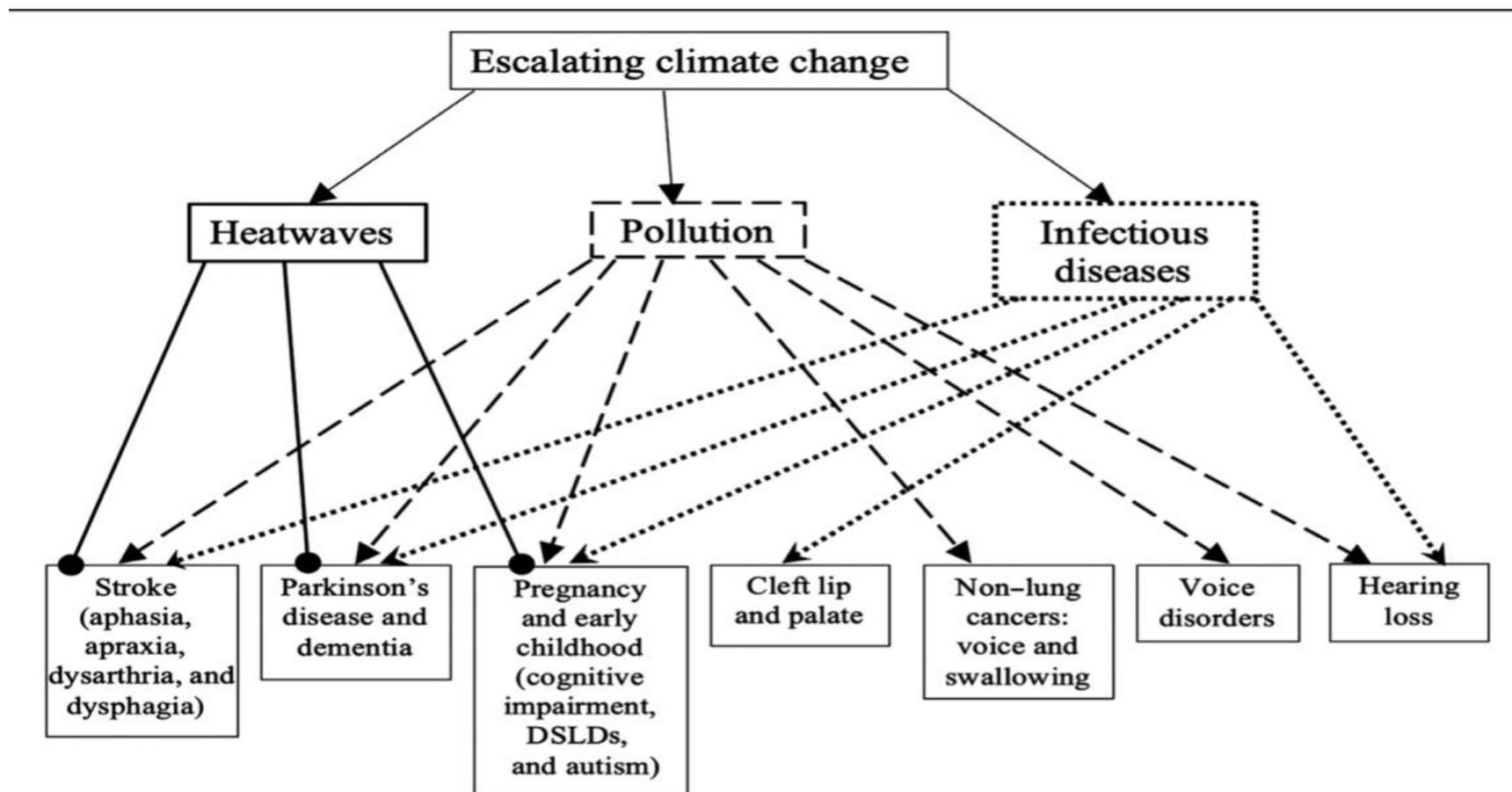
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ABSTRACT

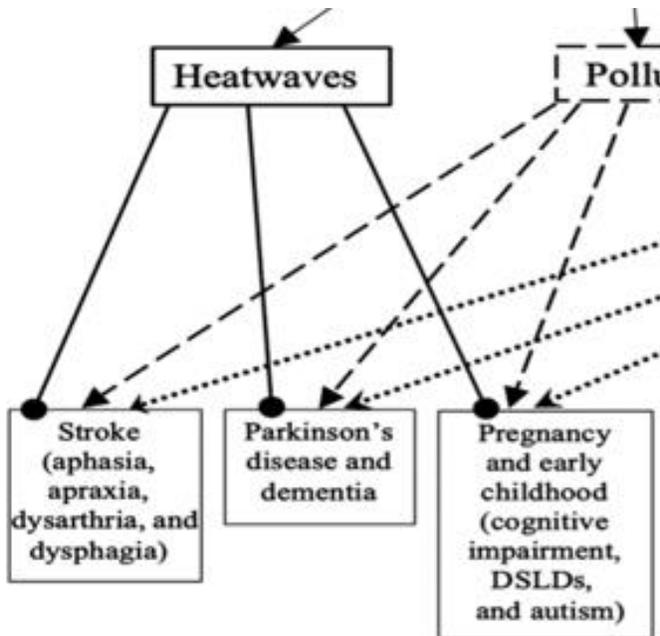
Purpose: The environment plays a key role in determining the health of populations, and climate change is considered to be the greatest threat to human health in the 21st century. However, despite extensive research on its increasing effects on health in general, extremely limited attention has been paid to its impact on communication and swallowing disorders (CSDs). This is surprising considering the substantial effect that the environment and climate change (air pollution, infectious diseases, and extreme weather events) have on these disorders.

Method: This tutorial is written by a speech-language pathologist and audiol-

Sherratt, 2021

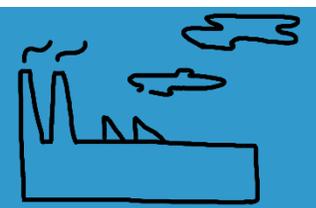


Sherratt, 2021



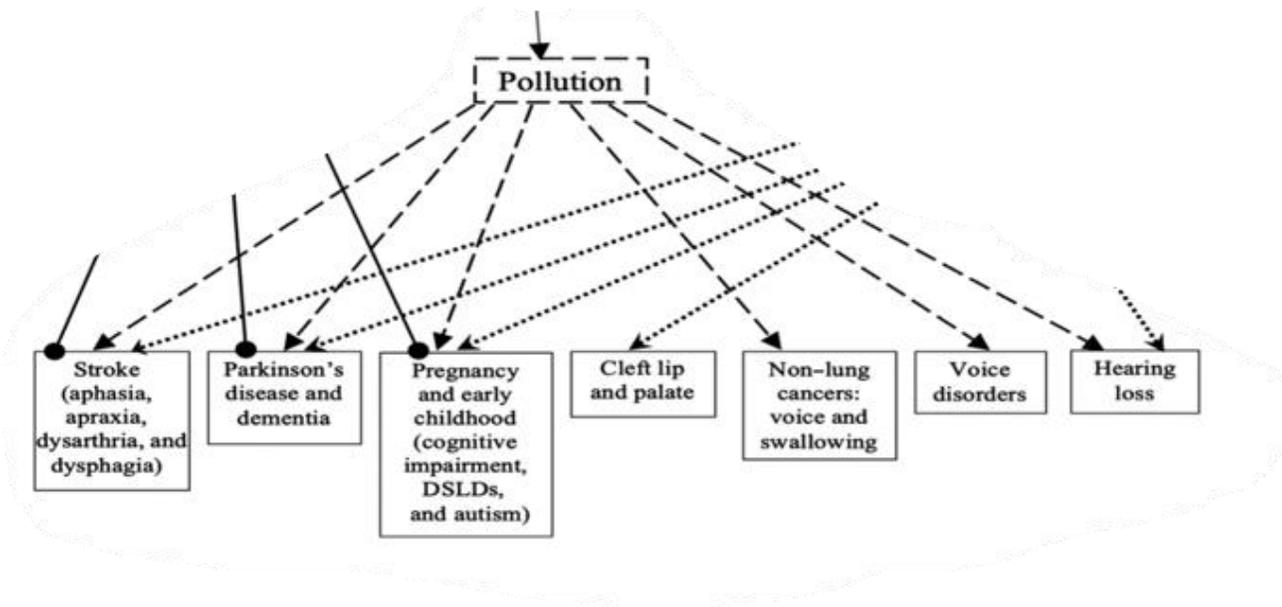
- Schlaganfälle
- Parkinson und Demenz
- Schwangerschaft und frühe Kindheit
 - Hitze beeinflusst die entsprechenden Risikogruppen sehr viel stärker, als nicht betroffene Personengruppen

„effects of heat on the human body can lead to new respiratory and cardiovascular events and also worsen already-existing conditions with an associated increase in hospital admissions.“



*Klimakrise und Luftverschmutzung
→ starke Schnittmengen in den Ursachen*

- Höhere Schlaganfall-Prävalenz
- Parkinson¹
- 2-4x erhöhte Wahrscheinlichkeit an Demenz zu erkranken²
- Krebs
- Stimmstörungen
- Hörverlust
- Allergien & Asthma
- Aggressiveres Verhalten
- Schwangerschaft und frühe Kindheit



Sherratt, 2021

¹Watts et al., 2021

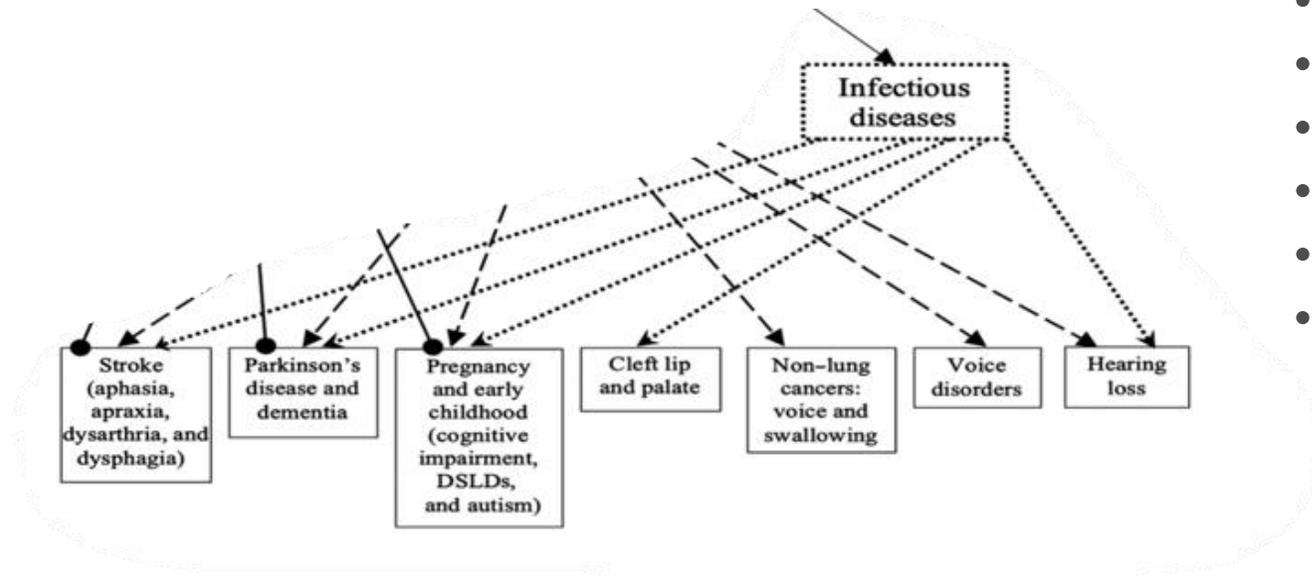
²Romm, 2016



Auswirkungen von Infektionskrankheiten



“Changing climatic conditions are a key determinant for the spread and impact of many infectious diseases.”



- Schlaganfälle
- Parkinson und Demenz
- Schwangerschaft und frühe Kindheit
- LKGS
- Krebs
- Hörstörungen

¹ Carter et al., 2006

² Schmutzhard et al., 2015
Sherratt, 2021



Also? Ein neues Rollenverständnis?

Projektgruppe „Planetary Health“ im dbl

Welche Rolle spielen wir also?

- Veränderungen im eigenen Spielraum:
 - Wählen, Demonstrieren, Konsum, Ausdrucke/ Laminieren
- Veränderungen in der Therapie:
 - Beratung; Umgang im Alltag; ressourcenschonendes Therapieren
- Veränderungen im politischen Sinne:
 - Vermehrte Teletherapie um Bedarf zu decken
 - Fachkräftemangel entgegenwirken
 - Verbandsarbeit
- Fortbilden:
 - Was braucht es für eine Integrierung dieses Rollenverständnisses in der Logopädie? Braucht es ein neues Rollenverständnis?



Klima, Umwelt und Logopädie zusammen denken?

- Wo seht ihr Handlungsfelder in der Logopädie?
- Habt ihr das Gefühl, das Thema beeinflusst euch im Arbeitsalltag?

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Quellen

- Schmutzhard, J., Lackner, P., Helbok, R., Hurth, H. V., Aregger, F. C., Muigg, V., Kegele, J., Bunk, S., Oberhammer, L., Fischer, N., Pinggera, L., Otieno, A., Ogutu, B., Agbenyega, T., Ansong, D., Adegnik, A. A., Issifou, S., Zorowka, P., Krishna, S., . . . Kremsner, P. (2015). Severe malaria in children leads to a significant impairment of transitory otoacoustic emissions—A prospective multicenter cohort study. *BMC Medicine*, 13(1), 125. <https://doi.org/10.1186/s12916-015-0366-8>
- Sherrat, S. (2021). Communication and Swallowing Disorders: The Effects of Climate Change. *Perspectives of the ASHA Special Interest Groups*, 7, 245–258. https://doi.org/10.1044/2021_PERSP-21-00186
- Global trust in professions August 2019 | Version 1 | Public <https://www.ipsos.com/sites/default/files/ct/news/documents/2019-09/global-trust-in-professions-trust-worthiness-index2019.pdf>
- Carter, J. A., Lees, J. A., Gona, J. K., Murira, G., Rimba, K., Neville, B. G., & Newton, C. R. (2006). Severe falciparum malaria and acquired childhood language disorder. *Developmental Medicine & Child Neurology*, 48(1), 51–57. <https://doi.org/10.1017/S0012162206000107>
- Watts N., Amann M., Arnell N., et al. (2021). The 2020 report of the *Lancet* Countdown on health and climate change: responding to converging crises. *Lancet*; 397: 129-170
- Romm, J. J. (2016). *Climate Change: What Everyone Needs to Know*. Oxford University Press.