

Suggested Reading List

General Overview

Balbus JM, Boxall AB, Fenske RA, McKone TE, Zeise L. Implications of global climate change for the assessment and management of human health risks of chemicals in the natural environment. *Environ Toxicol Chem.* 2013 Jan;32(1):62-78.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3601433/?tool=myncbi> [Full-Text]

Ebi KL, Rocklöv J. Climate change and health modeling: horses for courses. *Glob Health Action.* 2014 May 23;7:24154.

<http://www.ncbi.nlm.nih.gov/pubmed/24861341> [Full-Text]

Federal Register: Request for Public Engagement in the Interagency Special Report on the Impacts of Climate Change on Human Health in the United States

<https://www.federalregister.gov/articles/2014/02/07/2014-02304/request-for-public-engagement-in-the-interagency-special-report-on-the-impacts-of-climate-change-on> [Full-Text]

Final Prospectus for the Impacts of Climate Change on Human Health in the United States

<http://www.globalchange.gov/sites/globalchange/files/Final-Prospectus-for-USGCRP-Climate-Health-Assessment.pdf> [Full-Text]

Session 1

Hess JJ, McDowell JZ, Luber G. Integrating climate change adaptation into public health practice: using adaptive management to increase adaptive capacity and build resilience. *Environ Health Perspect.* 2012 Feb;120(2):171-9.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3279431/?tool=myncbi> [Full-Text]

Semenza JC. Climate change and human health. *Int J Environ Res Public Health.* 2014 Jul 18;11(7):7347-53.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4113880/?tool=myncbi> [Full-Text]

Urquhart EA, Zaitchik BF, Waugh DW, Guikema SD, Del Castillo CE (2014) Uncertainty in Model Predictions of *Vibrio vulnificus* Response to Climate Variability and Change: A Chesapeake Bay Case Study.

<http://www.plosone.org/article/info:doi/10.1371/journal.pone.0098256> [Full-Text]

Session 2

Bobb JF, Peng RD, Bell ML, Dominici F. Heat-related mortality and adaptation to heat in the United States. *Environ Health Perspect.* 2014 Aug;122(8):811-6. doi: 10.1289/ehp.1307392. Epub 2014 Apr 25

<http://ehp.niehs.nih.gov/1307392/> [Full-Text]

Ogden NH, Radojević M, Wu X, Duvvuri VR, Leighton PA, Wu J. 2014. Estimated effects of projected climate change on the basic reproductive number of the Lyme disease vector *Ixodes scapularis*. *Environ Health Perspect* 122:631–638.

<http://ehp.niehs.nih.gov/1307799/> [Full-Text]

Post ES, Grambsch A, Weaver C, Morefield P, Huang J, Leung LY, Nolte CG, Adams P, Liang XZ, Zhu JH, Mahoney H. Variation in estimated ozone-related health impacts of climate change due to modeling choices and assumptions. *Environ Health Perspect*. 2012 Nov;120(11):1559-64.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3556604/?tool=myncbi> [Full-Text]

Quantitative risk assessment of the effects of climate change on selected causes of death, 2030s and 2050s
Authors: WHO

<http://www.who.int/globalchange/publications/quantitative-risk-assessment/en/> [Full-Text]

Sandifer, Paul, Juli Trtanj, and Tracy Collier. "A Perspective on the History and Evolution of an Oceans and Human Health " Metadiscipline " in the USA." *Microbial Ecology* 65 (2013): 850-888. Print.

<http://link.springer.com/article/10.1007%2Fs00248-013-0181-8> [Full-Text]

Wilbanks, T. J., & Fernandez, S. J. (2014). *Climate change and infrastructure, urban systems, and vulnerabilities*. Washington, DC: Island Press.

http://www.eenews.net/assets/2014/03/06/document_cw_01.pdf [Full-Text]

Wilbanks, T. J. (2014). *Climate Change and Energy Supply and Use: Technical Report for the U.S. Department of Energy in Support of the National Climate Assessment*. NCA Regional Input Reports.

<http://www.esd.ornl.gov/eess/EnergySupplyUse.pdf> [Full-Text]

Session 3

Balbus JM, Malina C. Identifying vulnerable subpopulations for climate change health effects in the United States. *J Occup Environ Med*. 2009 Jan;51(1):33-7.

<http://www.ncbi.nlm.nih.gov/pubmed/19136871> [Full-Text]

Ebi KL. Health in the new scenarios for climate change research. *Int J Environ Res Public Health*. 2013 Dec 19;11(1):30-46.

<http://www.mdpi.com/1660-4601/11/1/30> [Full-Text]

Moss RH, Edmonds JA, Hibbard KA, Manning MR, Rose SK, van Vuuren DP, Carter TR, Emori S, Kainuma M, Kram T, Meehl GA, Mitchell JF, Nakicenovic N, Riahi K, Smith SJ, Stouffer RJ, Thomson AM, Weyant JP, Wilbanks TJ. The next generation of scenarios for climate change research and assessment. *Nature*. 2010 Feb 11;463(7282):747-56.

<http://www.ncbi.nlm.nih.gov/pubmed/16382921> [Abstract]

Rosenzweig C, Elliott J, Deryng D, Ruane AC, Müller C, Arneth A, Boote KJ, Folberth C, Glotter M, Khabarov N, Neumann K, Piontek F, Pugh TA, Schmid E, Stehfest E, Yang H, Jones JW. Assessing agricultural risks of climate change in the 21st century in a global gridded crop model intercomparison. *Proc Natl Acad Sci USA*. 2014 Mar 4; 111(9):3268-73.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3948251/?tool=myncbi> [Full-Text]

Session 4

Brown H, Spickett J. Health consequence scales for use in health impact assessments of climate change. *Int J Environ Res Public Health*. 2014 Sep 16;11(9):9607-20.

<http://www.mdpi.com/1660-4601/11/9/9607> [Full-Text]

Ebi, K. L., Balbus, J., Kinney, P. L., Lipp, E., Mills, D., O'Neill, M. S., et al. (2009). U.S. Funding Is Insufficient To Address The Human Health Impacts Of And Public Health Responses To Climate Variability And Change. *Environmental Health Perspectives*, 117(6), 857-862.

<http://ehp.niehs.nih.gov/wp-content/uploads/117/6/ehp.0800088.pdf> [Full-Text]

Hosking, J., & Campbell-Lendrum, D. (2012). How Well Does Climate Change and Human Health Research Match the Demands of Policymakers? A Scoping Review. *Environmental Health Perspectives*, 120(8), 1076-1082.

<http://ehp.niehs.nih.gov/1104093/> [Full-Text]

Additional Reading

Anderson GB, Bell ML, Peng RD. Methods to calculate the heat index as an exposure metric in environmental health research. *Environ Health Perspect*. 2013 Oct;121(10):1111-9.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3801457/?tool=myncbi> [Full-Text]

Caminade C, Kovats S, Rocklöv J, Tompkins AM, Morse AP, Colón-González FJ, Stenlund H, Martens P, Lloyd SJ. Impact of climate change on global malaria distribution. *Proc Natl Acad Sci U S A*. 2014 Mar 4;111(9):3286-91.

<http://www.ncbi.nlm.nih.gov/pubmed/24596427> [Full-Text]

Ebi KL. Climate change and health risks: assessing and responding to them through 'adaptive management'. *Health Aff (Millwood)*. 2011 May;30(5):924-30.

<http://content.healthaffairs.org/content/30/5/924.long> [Full-Text]

Ebi KL, Mills DM, Smith JB, Grambsch A. Climate change and human health impacts in the United States: an update on the results of the U.S. national assessment. *Environ Health Perspect*. 2006 Sep;114(9):1318-24.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1570072/?tool=myncbi> [Full-Text]

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Lindgren E, Andersson Y, Suk JE, Sudre B, Semenza JC. Public health. Monitoring EU emerging infectious disease risk due to climate change. *Science*. 2012 Apr 27;336(6080):418-9.

http://www.oecd.org/sti/biotech/Science_Monitoring%20EID%20due%20to%20CC_Lindgren%202012SM3.pdf [Full-Text]

Luber G, Prudent N. Climate change and human health. *Trans Am Clin Climatol Assoc.* 2009;120:113-7.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2744549/?tool=myncbi> [Full-Text]

Morgan MG, Cantor R, Clark WC, Fisher A, Jacoby HD, Janetos AC, Kinzig AP, Melillo J, Street RB, Wilbanks TJ. Learning from the U.S. National Assessment of Climate Change Impacts. *Environ Sci Technol.* 2005 Dec 1;39(23):9023-32.

<http://www.ncbi.nlm.nih.gov/pubmed/16382921> [Abstract]

Nelson GC, Valin H, Sands RD, Havlík P, Ahammad H, Deryng D, Elliott J, Fujimori S, Hasegawa T, Heyhoe E, Kyle P, Von Lampe M, Lotze-Campen H, Mason d'Croze D, van Meijl H, van der Mensbrugghe D, Müller C, Popp A, Robertson R, Robinson S, Schmid E, Schmitz C, Tabeau A, Willenbockel D. Climate change effects on agriculture: economic responses to biophysical shocks. *Proc Natl Acad Sci U S A.* 2014 Mar 4;111(9):3274-9.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3948295/?tool=myncbi> [Full-Text]

Suk JE, Semenza JC. Future infectious disease threats to Europe. *Am J Public Health.* 2011 Nov;101(11):2068-79.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3222407/?tool=myncbi> [Full-Text]