

References

- Adger, W. Neil, Jon Barnett, Katrina Brown, Nadine Marshall, and Karen O'Brien. 2013. "Cultural Dimensions of Climate Change Impacts and Adaptation." *Nature Climate Change* 3 (2): 112–117. doi:10.1038/nclimate1666.
- Aebli, H. 1983. *Zwölf Grundformen des Lehrens: Eine Allgemeine Didaktik auf Psychologischer Grundlage* [Twelve Basic Methods of Teaching: General Didactics Based on Psychology]. Stuttgart: Klett.
- Alexandar, R., and G. Poyyamoli. 2012. "Activity-based Water Resources and Climate Change Education among School Students in Puducherry." In *Climate Change and the Sustainable Use of Water Resources*, edited by Walter Leal Filho, 557–578. Climate Change Management series. New York: Springer.
- Anderson, Alison. 2012. "Climate Change Education for Mitigation and Adaptation." *Journal of Education for Sustainable Development* 6 (2): 191–206.
- Ardoin, Nicole M., Alison W. Bowers, Noelle Wyman Roth, and Nicole Holthuis. forthcoming. "Environmental Education and K–12 Student Outcomes: A Review and Analysis of Research." *Journal of Environmental Education*.
- Baker, Jillian, Jason Loxton, and Kate Sherren. 2013. "Using Art Elicitation to Deliver and Evaluate a Grade 4 Climate Change Instructional Module." *Applied Environmental Education & Communication* 12 (2): 130–142. doi:10.1080/1533015X.2013.824248.
- Bellard, Céline, Cleo Bertelsmeier, Paul Leadley, Wilfried Thuiller, and Franck Courchamp. 2012. "Impacts of Climate Change on the Future of Biodiversity." *Ecology Letters* 15 (4): 365–377. doi:10.1111/j.1461-0248.2011.01736.x.
- Bofferding, Laura, and Matthew Kloser. 2015. "Middle and High School Students' Conceptions of Climate Change Mitigation and Adaptation Strategies." *Environmental Education Research* 21 (2): 275–294. doi:10.1080/13504622.2014.888401.
- Bowers, Alison W., Martha C. Monroe, and Damian C. Adams. 2016. "Climate Change Communication Insights from Cooperative Extension Professionals in the US Southern States: Finding Common Ground." *Environmental Communication* 10 (5): 656–670. doi:10.1080/17524032.2016.1176947.
- Bozdoğan, Aykut Emre. 2011. "A Collection of Studies Conducted in Education about 'Global Warming' Problem." *Educational Sciences: Theory and Practice* 11 (3): 1618–1624.
- Brownlee, Matthew T. J., Robert B. Powell, and Jeffery C. Hallo. 2013. "A Review of the Foundational Processes That Influence Beliefs in Climate Change: Opportunities for Environmental Education Research." *Environmental Education Research* 19 (1): 1–20. doi:10.1080/13504622.2012.683389.
- Bybee, Roger W., Joseph A. Taylor, April Gardner, Pamela Van Scotter, Janet C. Powell, Anne Westbrook, and Nancy Landes. 2006. *The BSCS 5E Instructional Model: Origins and Effectiveness*. A report prepared for the Office of Science Education, National Institutes of Health. https://uteach.wiki.uml.edu/file/view/UTeach_5Es.pdf/355111234/UTeach_5Es.pdf
- Bybee, Roger W., and Nancy M. Landes. 1990. "Science for Life and Living: An Elementary School Science Program from the Biological Sciences Curriculum Study." *American Biology Teacher* 52 (2): 92–98. doi:10.2307/4449042.
- Chauhan, Sheila, Sita Rama Das, Natalia Rita, and Martin Haigh. 2009. "Promoting Education for Sustainability in a Vaishnava (Hindu) Community." *Applied Environmental Education & Communication* 8 (2): 114–125. doi:10.1080/15330150903133702.
- Chen, Xiang. 2011. "Why Do People Misunderstand Climate Change? Heuristics, Mental Models and Ontological Assumptions." *Climatic Change* 108 (1–2): 31–46. doi:10.1007/s10584-010-0013-5.
- Choi, Soyoung, Dev Niyogi, Daniel P. Shepardson, and Umarporn Charusombat. 2010. "Do Earth and Environmental Science Textbooks Promote Middle and High School Students' Conceptual Development about Climate Change? Textbooks' Consideration of Students' Misconceptions." *Bulletin of the American Meteorological Society* 91 (7): 889–898. doi:10.1175/2009BAMS2625.1.
- Cone, Joseph, Shawn Rowe, Jenna Borberg, and Briana Goodwin. 2012. "Community Planning for Climate Change: Visible Thinking Tools Facilitate Shared Understanding." *Journal of Community Engagement & Scholarship* 5 (2): 7–19.
- Cooper, Harris M. 2010. *Research Synthesis and Meta-analysis: A Step-by-step Approach*. Thousand Oaks, CA: Sage.
- Corbin, Juliet, and Anselm Strauss. 2015. *Basics of Qualitative Research*. 4th ed. Los Angeles, CA: Sage.
- Cordero, Eugene C., Anne Marie Todd, and Diana Abellera. 2008. "Climate Change Education and the Ecological Footprint." *Bulletin of the American Meteorological Society* 89 (6): 865–872. doi:10.1175/2007BAMS2432.2.
- Cox, Helen, Kimberle Kelly, and Laura Yetter. 2014. "Using Remote Sensing and Geospatial Technology for Climate Change Education." *Journal of Geoscience Education* 62 (4): 609–620. doi:10.5408/13-040.1.
- CRED (Center for Research on Environmental Decisions). 2009. *The Psychology of Climate Change Communication: A Guide for Scientists, Journalists, Educators, Political Aides, and the Interested Public*. New York. <https://guide.cred.columbia.edu>.
- Dilling, Lisa, and Susanne C. Moser. 2007. "Introduction." In *Creating a Climate for Change*, edited by Susanne C. Moser and Lisa Dilling, 1–28. Cambridge, NY: Cambridge University Press.

- Dillon, Justin. 2003. "On Learners and Learning in Environmental Education: Missing Theories, Ignored Communities." *Environmental Education Research* 9 (2): 215–226.
- Dresner, Marion. 1989. "Changing Energy End-use Patterns as a Means of Reducing Global-warming Trends." *Journal of Environmental Education* 21: 41–46. doi:10.1080/00958964.1990.9941930.
- Evans, Jennifer, and Pauline Benefield. 2001. "Systematic Reviews of Educational Research: Does the Medical Model Fit?" *British Educational Research Journal* 27 (5): 527–541. doi:10.1080/01411920120095717.
- Faria, Felipe, Kelly Klima, I. Daniel Posen, and Inês M. L. Azevedo. 2015. "A New Approach of Science, Technology, Engineering, and Mathematics Outreach in Climate Change, Energy, and Environmental Decision Making." *Sustainability: The Journal of Record* 8 (5): 261–271. doi:10.1089/SUS.2015.29023.
- Flora, June, Melissa Saphir, Matt Lappé, Connie Roser-Renouf, Edward Maibach, and Anthony Leiserowitz. 2014. "Evaluation of a National High School Entertainment Education Program: The Alliance for Climate Education." *Climatic Change* 127 (3–4): 419–434. doi:10.1007/s10584-014-1274-1.
- George, David, Jeff Clewett, Colin Birch, Anthony Wright, and Wendy Allen. 2009. "A Professional Development Climate Course for Sustainable Agriculture in Australia." *Environmental Education Research* 15 (4): 417–441. doi:10.1080/13504620902946978.
- Gold, Anne U., Karin Kirk, Deb Morrison, Susan Lynds, Susan Buhr Sullivan, Andrey Grachev, and Ola1 Persson. 2015. "Arctic Climate Connections Curriculum: A Model for Bringing Authentic Data into the Classroom." *Journal of Geoscience Education* 63 (3): 185–197. doi:10.5408/14-030.1.
- Gough, David, Sandy Oliver, and James Thomas. 2012. *An Introduction to Systematic Reviews*. Thousand Oaks, CA: Sage.
- Government of Alberta. 2017. *Community Environmental Action Grant*. <https://www.alberta.ca/alberta-community-environment-action-grant.aspx#toc-0>.
- Grady-Benson, Jessica, and Brinda Sarathy. 2015. "Fossil Fuel Divestment in US Higher Education: Student-led Organising for Climate Justice." *Local Environment* 21 (6): 661–681.
- Guy, Sophie, Yoshihisa Kashima, Iain Walker, and Saffron O'Neill. 2014. "Investigating the Effects of Knowledge and Ideology on Climate Change Beliefs." *European Journal of Social Psychology* 44 (5): 421–429. doi:10.1002/ejsp.2039.
- Haidt, Jonathan. 2012. *The Righteous Mind: Why Good People are Divided by Politics and Religion*. New York: First Vintage Books, Random House.
- Hallar, A. Gannet, Ian B. McCubbin, and Jennifer M. Wright. 2011. "CHANGE: A Place-based Curriculum for Understanding Climate Change at Storm Peak Laboratory, Colorado." *Bulletin of the American Meteorological Society* 92 (7): 909–918. doi:10.1175/2011BAMS3026.1.
- Harris, Paul G. 2009. *World Ethics and Climate Change: From International to Global Justice*. Edinburgh: Edinburgh University Press.
- Hestness, Emily, R. Christopher McDonald, Wayne Breslyn, J. Randy McGinnis, and Chrystalla Mouza. 2014. "Science Teacher Professional Development in Climate Change Education Informed by the Next Generation Science Standards." *Journal of Geoscience Education* 62 (3): 319–329. doi:10.5408/13-049.1.
- Holthuis, Nicole, Rachel Lotan, Jennifer Saltzman, Mike Mastrandrea, and Andrew Wild. 2014. "Supporting and Understanding Students' Epistemological Discourse about Climate Change." *Journal of Geoscience Education* 62 (3): 374–387. doi:10.5408/13-036.1.
- Hudson, Stewart J. 2001. "Challenges for Environmental Education: Issues and Ideas for the 21st Century." *BioScience* 51 (4): 283–288.
- Jacobson, Susan K., Mallory D. McDuff, and Martha C. Monroe. 2015. *Conservation Education and Outreach Techniques*. 2nd ed. Oxford: Oxford University Press.
- Jin, Hui, Li Zhan, and Charles W. Anderson. 2013. "Developing a Fine-grained Learning Progression Framework for Carbon-transforming Processes." *International Journal of Science Education* 35 (10): 1663–1697. doi:10.1080/09500693.2013.782453.
- Kagawa, Fumiyo, and David Selby. 2010. "Introduction." In *Education and Climate Change: Living and Learning in Interesting Times*, edited by Fumiyo Kagawa and David Selby, 1–11. London: Routledge.
- Kahan, Dan. 2009. "Ideology in" or "Cultural Cognition of" Judging: What Difference Does It Make? Faculty Scholarship Series. Paper 4689. https://digitalcommons.law.yale.edu/fss_papers/4689.
- Kahan, Dan. 2010. "Fixing the Communications Failure." *Nature* 463: 296–297. doi:10.1038/463296a.
- Kaplan, Stephen, and Rachel Kaplan. 1982. *Cognition and Environment: Functioning in an Uncertain World*. New York: Praeger.
- Karpudewan, Mageswary, Wolff-Michael Roth, and Mohd Nor Syahrir Bin Abdullah. 2015. "Enhancing Primary School Students' Knowledge about Global Warming and Environmental Attitude Using Climate Change Activities." *International Journal of Science Education* 37 (1): 31–54. doi:10.1080/09500693.2014.958600.
- Karpudewan, Mageswary, Wolff-Michael Roth, and Kasturi Chandrakesan. 2015. "Remediating Misconception on Climate Change among Secondary School Students in Malaysia." *Environmental Education Research* 21 (4): 631–648. doi:10.1080/13504622.2014.891004.
- Kinder, Donald R. 1998. "Opinion and Action in the Realm of Politics." In *Handbook of Social Psychology*, edited by Daniel Gilbert, Susan Fiske, and Gardner Lindzey, 778–867. New York: McGraw-Hill.

- Klosterman, Michelle L., and Troy D. Sadler. 2010. "Multi-level Assessment of Scientific Content Knowledge Gains Associated with Socioscientific Issues-based Instruction." *International Journal of Science Education* 32 (8): 1017–1043. doi:10.1080/09500690902894512.
- Kolb, David A. 1984. *Experiential Learning: Experience as the Source of Learning and Development*. Vol. 1. Englewood Cliffs, NJ: Prentice-Hall.
- Lambert, Julie Lee, and Robert E. Bleicher. 2014. "Improving Climate Change Communication Starting with Environmental Educators." *Journal of Geoscience Education* 62 (3): 388–401. doi:10.5408/13-062.1.
- Lambert, Julie L., Joan Lindgren, and Robert Bleicher. 2012. "Assessing Elementary Science Methods Students' Understanding about Global Climate Change." *International Journal of Science Education* 34 (8): 1167–1187. doi:10.1080/09500693.2011.633938.
- Lee, Joey J., Pinar Ceyhan, William Jordan-Cooley, and Woonhee Sung. 2013. "GREENIFY." *Simulation & Gaming* 44 (2–3): 349–365. doi:10.1177/1046878112470539.
- Leigh, Kathryn. 2009. "ENERGY BUSTERS Norfolk Schools Fight Climate Change." *Environmental Education* 91: 13–14.
- Leiserowitz, Anthony, Edward Maibach, Connie Roser-Renouf, Geoff Feinberg, and Peter Howe. 2013. *Global Warming's Six Americas, September 2012*. New Haven, CT: Yale University and George Mason University, Yale Project on Climate Change Communication. <https://environment.yale.edu/climate/publications/Six-Americas-September-2012>.
- Leiserowitz, Anthony, Nicholas Smith, Jennifer R. Marlon. 2011. *American Teens' Knowledge of Climate Change*. New Haven, CT: Yale Project on Climate Change Communication. https://climatecommunication.yale.edu/wp-content/uploads/2016/02/2011_04_American-Teens'-Knowledge-of-Climate-Change.pdf.
- Lester, Benjamin T., Li Ma, and Okhee Lee. 2006. "Social Activism in Elementary Science Education: A Science, Technology, and Society Approach to Teach Global Warming." *International Journal of Science Education* 28 (4): 315–339. doi:10.1080/09500690500240100.
- Li, Christine, and Martha C. Monroe. forthcoming. "Development and Validation of the Climate Change Hope Scale for High School Students." *Environment and Behavior*.
- Linn, Marcia C., and Sherry Hsi. 2000. *Computers, Teachers, Peers: Science Learning Partners*. Mahwah, NJ: Erlbaum.
- Liu, Shiyu, Gillian Roehrig, Devarati Bhattacharya, and Keisha Varma. 2015. "In-service Teachers' Attitudes, Knowledge and Classroom Teaching of Global Climate Change." *Science Educator* 24 (1): 12–22.
- Maibach, Edward, Connie Roser-Renouf, and Anthony Leiserowitz. 2009. *Global Warming's Six Americas 2009: An Audience Segmentation Analysis*. New Haven, CT: Yale University and George Mason University, Yale Project on Climate Change Communication.
- Mappin, Michael J., and Edward A. Johnson. 2005. "Changing Perspectives of Ecology and Education in Environmental Education." In *Environmental Education and Advocacy*, edited by Edward Johnson and Michael Mappin, 1–27. Cambridge: Cambridge University Press.
- Mason, Lucia, and Marina Santi. 1998. "Discussing the Greenhouse Effect: Children's Collaborative Discourse Reasoning and Conceptual Change." *Environmental Education Research* 4 (1): 67–85.
- Mathews, David. 2014. *The Ecology of Democracy*. Dayton, OH: Kettering Foundation Press.
- McCright, Aaron M., and Riley E. Dunlap. 2011. "Cool Dudes: The Denial of Climate Change among Conservative White Males in the United States." *Global Environmental Change* 21: 1163–1172.
- McNeal, Karen, James Hammerman, Jonathan Christiansen, and F. Julian Carroll. 2014. "Climate Change Education in the Southeastern U.S. through Public Dialogue: Not Just Preaching to the Choir." *Journal of Geoscience Education* 62 (4): 631–644. doi:10.5408/13-061.1.
- McNeal, Karen S., Julie C. Libarkin, Tamara Shapiro Ledley, Erin Bardar, Nick Haddad, Kathy Ellins, and Saranee Dutta. 2014. "The Role of Research in Online Curriculum Development: The Case of EarthLabs Climate Change and Earth System Modules." *Journal of Geoscience Education* 62 (4): 560–577. doi:10.5408/13-060.1.
- McNeal, Peggy, Heather Petcovic, and Patricia Reeves. 2017. "What is Motivating Middle-school Science Teachers to Teach Climate Change?" *International Journal of Science Education* 39 (8): 1069–1088. doi:10.1080/09500693.2017.1315466.
- Monroe, Martha C., Annie Oxarart, and Richard R. Plate. 2013. "A Role for Environmental Education in Climate Change for Secondary Science Educators." *Applied Environmental Education & Communication* 12 (1): 4–18. doi:10.1080/1533015X.2013.795827.
- Monroe, Martha C., Richard R. Plate, Damian C. Adams, and Deborah J. Wojcik. 2015. "Harnessing Homophily to Improve Climate Change Education." *Environmental Education Research* 21 (2): 221–238. doi:10.1080/13504622.2014.910497.
- Moorhead, A. 2009. *Climate Change, Agriculture and Food Security: A Strategy for Change*. Alliance of the CGIAR Centers. <https://cgspace.cgiar.org/handle/10568/33395>
- Morris, Hilary L. C., Mark A. Megalos, Aaron J. Vuola, Damian C. Adams, and Martha C. Monroe. 2014. "Cooperative Extension and Climate Change: Successful Program Delivery." *Journal of Extension* 52 (2). <https://www.joe.org/joe/2014april/comm3.php>.
- Mutlu, Mehmet, and Halil Tokcan. 2013. "Success Effect of Documentary Use in Teaching of Global Warming Subject." *International Journal of Academic Research* 5 (5): 263–268. doi:10.7813/2075-4124.2013/5-5/B.40.
- NAAEE (North American Association for Environmental Education). 2004. *Guidelines for Excellence: Environmental Education Materials*. Washington, DC: NAAEE. https://naaee.org/sites/default/files/gl_ee_materials_complete.pdf.

- NAAEE (North American Association for Environmental Education). 2010. *Excellence in Environmental Education: Guidelines for Learning (K-12)*. Washington, DC: NAAEE. https://naaee.org/sites/default/files/learnerguidelines_new.pdf.
- NAAEE (North American Association for Environmental Education). 2017. *Professional Development of Environmental Educators: Guidelines for Excellence*. Washington, DC: NAAEE. https://naaee.org/sites/default/files/professional_development_of_environmental_educators_-_guidelines_for_excellence_2017.pdf
- Nam, Y., and E. Ito. 2011. "A Climate Change Course for Undergraduate Students." *Journal of Geoscience Education* 59 (4): 229–241. doi:10.5408/1.3651405.
- Nickerson, Raymond S. 1998. "Confirmation Bias: A Ubiquitous Phenomenon in Many Guises." *Review of General Psychology* 2 (2): 175–220.
- Niebert, Kai, and Harald Gropengiesser. 2013. "Understanding and Communicating Climate Change in Metaphors." *Environmental Education Research* 19 (3): 282–302. doi:10.1080/13504622.2012.690855.
- NRC (National Research Council). 2001. *Climate Change Science: An Analysis of Some Key Questions*. Washington, DC: The National Academies Press. doi:10.17226/10139.
- NRC (National Research Council). 2012. *A Framework for K-12 Science Education: Practices, Crosscutting Concepts, and Core Ideas*. Washington, DC: The National Academies Press. doi:10.17226/13165.
- Öhman, Johan, and Marie Öhman. 2013. "Participatory Approach in Practice: An Analysis of Student Discussions about Climate Change." *Environmental Education Research* 19 (3): 324–341. doi:10.1080/13504622.2012.695012.
- Oluk, Sami, and Işıl Özalp. 2007. "The Teaching of Global Environmental Problems according to the Constructivist Approach: As a Focal Point of the Problem and the Availability of Concept Cartoons." *Educational Sciences: Theory & Practice* 7 (2): 881–896.
- Otieno, Christine, Hans Spada, Katharina Liebler, Thomas Ludemann, Ulrich Deil, and Alexander Renkl. 2014. "Informing about Climate Change and Invasive Species: How the Presentation of Information Affects Perception of Risk, Emotions, and Learning." *Environmental Education Research* 20 (5): 612–638. doi:10.1080/13504622.2013.833589.
- Plutzer, Eric, Mark McCaffrey, A. Lee Hannah, Joshua Rosenau, Minda Berbeco, and Ann H. Reid. 2016. "Climate Confusion among U.S. Teachers." *Science* 351: 664–665.
- Porter, Dianna, Andrew J. Weaver, and Helen Raptis. 2012. "Assessing Students' Learning about Fundamental Concepts of Climate Change under Two Different Conditions." *Environmental Education Research* 18 (5): 665–686. doi:10.1080/13504622.2011.640750.
- Powell, Katherine C., and Cody J. Kalina. 2009. "Cognitive and Social Constructivism: Developing Tools for an Effective Classroom." *Education* 130 (2): 241–250.
- Prokopy, Linda Stalker, J. Stuart Carlton, J. Gordon Arbuckle, Tonya Haigh, Maria Carmen Lemos, Amber Saylor Mase, Nicholas Babin, et al. 2015. "Extension's Role in Disseminating Information about Climate Change to Agricultural Stakeholders in the United States." *Climatic Change* 130 (2): 261–272. doi:10.1007/s10584-015-1339-9.
- Pruneau, Diane, André Doyon, Joanne Langis, Liette Vasseur, Gilles Martin, Eileen Ouellet, and Gaston Boudreau. 2006. "The Process of Change Experimented by Teachers and Students When Voluntarily Trying Environmental Behaviors." *Applied Environmental Education & Communication* 5 (1): 33–40. doi:10.1080/15330150500452349.
- Pruneau, Diane, André Doyon, Liette Vasseur, Joanne Langis, Eileen Ouellet, Elizabeth McLaughlin, Gilles Martin, and Gaston Boudreau. 2006. "When Teachers Adopt Environmental Behaviors in the Aim of Protecting the Climate." *The Journal of Environmental Education* 37 (3): 3–12.
- Pruneau, Diane, Helene Gravel, Wendy Bourque, and Joanne Langis. 2003. "Experimentation with a Socio-constructivist Process for Climate Change Education." *Environmental Education Research* 9 (4): 429–446.
- Reinfried, Sibylle, Urs Aeschbacher, and Benno Rottermann. 2012. "Improving Students' Conceptual Understanding of the Greenhouse Effect Using Theory-based Learning Materials That Promote Deep Learning." *International Research in Geographical & Environmental Education* 21 (2): 155–178. doi:10.1080/10382046.2012.672685.
- Robelia, Beth A., Christine Greenhow, and Lisa Burton. 2011. "Environmental Learning in Online Social Networks: Adopting Environmentally Responsible Behaviors." *Environmental Education Research* 17 (4): 553–575. doi:10.1080/13504622.2011.565118.
- Rooney-Varga, Juliette N., Angelica Allende Brisk, Elizabeth Adams, Mitchell Shuldman, and Kenneth Rath. 2014. "Student Media Production to Meet Challenges in Climate Change Science Education." *Journal of Geoscience Education* 62 (4): 598–608. doi:10.5408/13-050.1.
- Sadler, Tony D. 2011. "Situating Socio-scientific Issues in Classrooms as a Means of Achieving Goals of Science Education." In *Socio-scientific Issues in the Classroom: Teaching, Learning, and Research*, edited by Tony D. Sadler, 1–9. Vol. 39 of *Contemporary Trends and Issues in Science Education*. Dordrecht: Springer.
- Sellmann, Daniela, and Franz Bogner. 2013a. "Effects of a 1-day Environmental Education Intervention on Environmental Attitudes and Connectedness with Nature." *European Journal of Psychology of Education* 28 (3): 1077–1086. doi:10.1007/s10212-012-0155-0.
- Sellmann, Daniela, and Franz X. Bogner. 2013b. "Climate Change Education: Quantitatively Assessing the Impact of a Botanical Garden as an Informal Learning Environment." *Environmental Education Research* 19 (4): 415–429. doi:10.1080/13504622.2012.700696.

- Shepardson, Daniel P., Dev Niyogi, Soyoung Choi, and Umarporn Charusombat. 2009. "Seventh Grade Students' Conceptions of Global Warming and Climate Change." *Environmental Education Research* 15 (5): 549–570. doi:10.1080/13504622.2012.696859.
- Sommers, Eleanor K. 2014. *Agriculture and Climate Change: Perceptions of Reticent Extension Agents in the Southeast USA*. Unpublished thesis. Gainesville: University of Florida.
- Stapleton, Sarah Riggs. 2015. "Environmental Identity Development through Social Interactions, Action, and Recognition." *The Journal of Environmental Education* 46 (2): 94–113. doi:10.1080/00958964.2014.1000813.
- Sterman, John D. 2011. "Communicating Climate Change Risks in a Skeptical World." *Climatic Change* 108 (4): 811. doi:10.1007/s10584-011-0189-3.
- Stevenson, Robert B. 2007. "Schooling and Environmental Education: Contradictions in Purpose and Practice." *Environmental Education Research* 13 (2): 139–153.
- Stevenson, Kathryn T., M. Nils Peterson, Howard D. Bondell, Susan E. Moore, and Sarah J. Carrier. 2014. "Overcoming Skepticism with Education: Interacting Influences of Worldview and Climate Change Knowledge on Perceived Climate Change Risk among Adolescents." *Climatic Change* 126 (3–4): 293–304. doi:10.1007/s10584-014-1228-7.
- Svihla, Vanessa, and Marcia C. Linn. 2012. "A Design-based Approach to Fostering Understanding of Global Climate Change." *International Journal of Science Education* 34 (5): 651–676. doi:10.1080/09500693.2011.597453.
- Taber, Fiona, and Neil Taylor. 2009. "Climate of Concern—A Search for Effective Strategies for Teaching Children about Global Warming." *International Journal of Environmental and Science Education* 4 (2): 97–116.
- Theobald, Elinore J., Alison Crowe, Janneke HilleRisLambers, Mary P. Wenderoth, and Scott Freeman. 2015. "Women Learn More from Local than Global Examples of the Biological Impacts of Climate Change." *Frontiers in Ecology & the Environment* 13 (3): 132–137. doi:10.1890/140261.
- Trenberth, Kevin E., John T. Fasullo, and Theodore G. Shepherd. 2015. "Attribution of Climate Extreme Events." *Nature Climate Change* 5 (8): 725–730. doi:10.1038/nclimate2657.
- Tyson, Richard. 2014. "The Merits of Separating Global Warming from Extension Education Sustainability Programs." *The Journal of Extension (JOE)*. <https://joe.org/joe/2014february/comm3.php>.
- U.S. Department of State. 2014. *United States Climate Action Report 2014*. <https://www.state.gov/e/oes/rls/rpts/car6/index.htm>.
- U.S. Global Change Research Program. 2009. *Climate Literacy Guidelines: The Essential Principles of Climate Science*. www.globalchange.gov/resources/educators/climate-literacy.
- UNESCO (United Nations Educational, Scientific, and Cultural Organization). 1978. *Final report. Intergovernmental Conference on Environmental Education*. ED/MD/49, United Nations Educational, Scientific, and Cultural Organization with United Nations Environment Program in Tbilisi, USSR, October 14–16, 1977 Paris, France: UNESCO.
- UNESCO (United Nations Educational, Scientific, and Cultural Organization). 2009. *Report of the UNESCO International Seminar on Climate Change Education, 27–29 July, Paris: UNESCO*. https://www.unesco.org/science/doc/cc/CC_seminar_report_071209.pdf.
- UNESCO (United Nations Educational, Scientific, and Cultural Organization). 2010. *The UNESCO Climate Change Initiative: Climate Change Education for Sustainable Development*. Paris: UNESCO. <https://unesdoc.unesco.org/images/0019/001901/190101E.pdf>.
- Varma, Keisha, and Marcia C. Linn. 2012. "Using Interactive Technology to Support Students' Understanding of the Greenhouse Effect and Global Warming." *Journal of Science Education and Technology* 21 (4): 453–464. doi:10.1007/s10956-011-9337-9.
- Vethanayagam, Anand Lenin, and F. S. R. Hemalatha. 2010. "Effect of Environmental Education to School Children through Animation Based Educational Video." *Language in India* 10 (5): 10–16.
- Wheeler, Tim, and Joachim von Braun. 2013. "Climate Change Impacts on Global Food Security." *Science* 341 (6145): 508–513. doi:10.1126/science.1239402.
- Wibeck, Victoria. 2014. "Enhancing Learning, Communication and Public Engagement about Climate Change – Some Lessons from Recent Literature." *Environmental Education Research* 20 (3): 387–411. doi:10.1080/13504622.2013.812720.
- Wise, Sarah B. 2010. "Climate Change in the Classroom: Patterns, Motivations, and Barriers to Instruction among Colorado Science Teachers." *Journal of Geoscience Education* 58 (5): 297–309. doi:10.5408/1.3559695.
- Wojcik, Deborah J., Martha C. Monroe, Damian C. Adams, and Richard R. Plate. 2014. "Message in a Bottleneck? Attitudes and Perceptions of Climate Change in the Cooperative Extension Service in the Southeastern United States." *Journal of Human Sciences and Extension* 2 (1): 51–70. https://media.wix.com/ugd/c8fe6e_c3c4c31acce49afaf8349c181812a94.pdf.
- Zhao, Xiaoquan, Edward Maibach, Jim Gandy, Joe Witte, Heidi Cullen, Barry A. Klinger, Katherine E. Rowan, James Witte, and Andrew Pyle. 2014. "Climate Change Education through TV Weathercasts: Results of a Field Experiment." *Bulletin of the American Meteorological Society* 95 (1): 117–130. doi:10.1175/BAMS-D-12-00144.1.
- Zografakis, Nikolaos, Angeliki N. Menegaki, and Konstantinos P. Tsagarakis. 2008. "Effective Education for Energy Efficiency." *Energy Policy* 36 (8): 3216–3222. doi:10.1016/j.enpol.2008.04.021.