

Climate Change Vulnerability Index

Publication List – May 2015

Peer-reviewed publications

- Anacker, B., M. Gogol-Prokurat, K. Leidholm, and S. Schoenig. 2013. Climate change vulnerability assessment of rare plants in California. *Modroño* 60:193–210.
- Association of Fish and Wildlife Agencies [AFWA]. 2009. *Voluntary guidance for states to incorporate climate change into State Wildlife Action Plans and other management plans*. Association of Fish and Wildlife Agencies, Washington, D.C., USA.
- Berteaux, D., et al. 2010. The CC-Bio Project: Studying the Effects of Climate Change on Quebec Biodiversity. *Diversity* 2:1181-1204
- Gardali T, Seavy NE, DiGaudio RT, Comrack LA (2012) A Climate Change Vulnerability Assessment of California's At-Risk Birds. *PLoS ONE* 7(3): e29507. doi:10.1371/journal.pone.0029507
- Hameed, S.O., K. A. Holzer, A. N. Doerr, J. H. Baty, and M. W. Schwartz. 2013. The value of a multi-faceted climate change vulnerability assessment to managing protected lands: Lessons from a case study in Point Reyes National Seashore. *Journal of Environmental Management* 121:37-47.
- Lankford, A. J., L. K. Svancara, J. J. Lawler, and K. Vierling. 2013. Comparison of climate change vulnerability assessments for wildlife. *Wildlife Society Bulletin* DOI: 10.1002/wsb.399.
- Lee, J. R., R. Maggini, M. F. J. Taylor, and R. A. Fuller. 2015. Mapping the drivers of climate change vulnerability for Australia's threatened species. *PLOS ONE* DOI:10.1371/journal.pone.0124766.
- Pacifici, M., W. B. Foden, P. Visconti, J. E. M. Watson, S. H.M. Butchart, K. M. Kovacs, B. R. Scheffers, D. G. Hole, T. G. Martin, H. R. Akçakaya, R. T. Corlett, B. Huntley, D. Bickford, J. A. Carr, A. A. Hoffmann, G. F. Midgley, P. Pearce-Kelly, R. G. Pearson, S. E. Williams, S. G. Willis, B. E. Young, and C. Rondinini. 2015. Assessing species vulnerability to climate change. *Nature Climate Change* DOI: 10.1038/NCLIMATE2448
- Rowland, E. L., J. E. Davison, and L. J. Graumlich. 2011. Approaches to evaluating climate change impacts on species: a guide to initiating the adaptation planning process. *Environmental Management* 47:322–337.
- Siegel, R. B., P. Pyle, J. H. Thorne, A. J. Holguin, C. A. Howell, S. Stock and M. W. Tingley. 2014. Vulnerability of birds to climate change in California's Sierra Nevada. *Avian Conservation and Ecology* 9(1): 7. <http://dx.doi.org/10.5751/ACE-00658-090107>
- Small-Lorenz, S. L., L. A. Culp, T. B. Ryder, T. C. Will, and P. P. Marra. 2013. A blind spot in climate change vulnerability assessments. *Nature Climate Change* 3:91–93.
- Still, S. M., A. L. Frances, A. C. Treher, and L. Oliver. 2015. Using two climate change vulnerability assessment methods to prioritize and manage rare plants: a case study. *Natural Areas Journal* 35:106-121.
- Young, B. E., J. Newmark, and K. Szabo. 2011. NatureServe's climate change vulnerability index for species in Nevada. Pages 85–90 in *Scanning the Conservation Horizon: A Guide to Climate Change Vulnerability Assessment*, edited by P. Glick, B. A. Stein, and N. A. Edelson. National Wildlife Federation, Washington, DC.
- Young, B. E., K. R. Hall, E. Byers, K. Gravuer, G. Hammerson, A. Redder, and K. Szabo. 2012. Rapid assessment of plant and animal vulnerability to climate change. Pages 129–150 in J. Brodie, E. Post, and D. Doak, editors. *Wildlife conservation in a changing climate*. University of Chicago Press, Chicago, Illinois, USA.
- Young, B. E., J. Newmark, and K. Szabo. 2011. NatureServe's climate change vulnerability index for species in Nevada. Pages 85–90 in P. Glick, B. E. Stein, and N. A. Edelson, editors. *Scanning the conservation horizon: a guide to climate change vulnerability assessment*. National Wildlife Federation, Washington, DC, USA.
- Young, B. E., N. S. Dubois, and E. L. Rowland. 2014. Using the Climate Change Vulnerability Index to inform adaptation planning: lessons, innovations, and next steps. *Wildlife Society Bulletin* DOI: 10.1002/wsb.478.

Other reports

- Anacker, B., K. Leidholm, M. Gogol-Prokurat, and S. Schoenig. 2011. *Climate change vulnerability assessment of rare plants in California*. California Department of Fish and Game, Sacramento, USA.

- Association of Fish and Wildlife Agencies [AFWA]. 2012. *The state of state fish and wildlife climate adaptation: summary report of the 2012 AFWA State Adaptation Activity Survey*. Association of Fish and Wildlife Agencies, Washington, D.C., USA.
- Brinker, S. R., and C. Jones. 2012. *The vulnerability of provincially rare species (species at risk) to climate change in the Lake Simcoe Watershed, Ontario, Canada*. Natural Heritage Information Centre, Science and Information Branch, Ontario Ministry of Natural Resources, Peterborough, Canada.
- Byers, E., and S. Norris. 2011. *Climate change vulnerability assessment of species of concern in West Virginia*. West Virginia Division of Natural Resources, Elkins, USA.
- Comer, P. J., B. Young, K. Schulz, G. Kittel, B. Unnasch, D. Braun, G. Hammerson, L. Smart, H. Hamilton, S. Auer, R. Smyth, and J. Hak. 2012. *Climate Change Vulnerability and Adaptation Strategies for Natural Communities: Piloting methods in the Mojave and Sonoran deserts*. Report to the U.S. Fish and Wildlife Service. NatureServe, Arlington, Virginia, USA.
- Delach, A., N. Matson, and K. Theoharides. 2011. *No refuge from warming: climate change vulnerability of the mammals of the Arctic National Wildlife Refuge*. Defenders of Wildlife, Washington, D.C., USA.
- Dubois, N., A. Caldas, J. Boshoven, and A. Delach. 2011. *Integrating climate change vulnerability assessments into adaptation planning: a case study using the NatureServe Climate Change Vulnerability Index to inform conservation planning*. Defenders of Wildlife, Washington, D.C., USA.
- Furedi, M., B. Leppo, M. Kowalski, T. Davis, and B. Eichelberger. 2011. *Identifying species in Pennsylvania potentially vulnerable to climate change*. Pennsylvania Natural Heritage Program, Western Pennsylvania Conservancy, Pittsburg, USA.
- Hoving, C. L., Y. M. Lee, P. J. Badra, and B. J. Klatt. 2013. *Changing climate, changing wildlife: a vulnerability assessment of 400 species of greatest conservation need and game species in Michigan*. Michigan Department of Natural Resources Wildlife Division Report no. 3564, Lansing, USA.
- Johnson, K. A. 2013. *Climate change vulnerability assessment for natural resources management: toolbox of methods with case studies*. U.S. Fish and Wildlife Service, Arlington, Virginia, USA.
- Kaye, T. N., I. Pflugsten, T. Taylor, and E. Steel. 2012. *Climate change vulnerability assessment for West Eugene wetland species*. Institute for Applied Ecology, Corvallis, Oregon, USA.
- Liebezeit, J., E. Rowland, M. Cross, and S. Zack. 2012. *Assessing climate change vulnerability of breeding birds in Arctic Alaska. A report prepared for the Arctic Landscape Conservation Cooperative*. Wildlife Conservation Society, North America Program, Bozeman, Montana, USA.
- Morton, C., and L. Speedy. 2012. *Vulnerability of at-risk species to climate change in Pennsylvania*. Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, USA.
- Neely, B., R. Rondeau, J. Sanderson, C. Pague, B. Kuhn, J. Siemers, L. Grunau, J. Robertson, P. McCarthy, J. Barsugli, T. Schulz, and C. Knapp, editors. 2011. *Gunnison Basin: vulnerability assessment for the Gunnison Climate Working Group*. Southwest Climate Change Initiative, Tucson, Arizona, USA.
- Schlesinger, M. D., J. D. Corser, K. A. Perkins, and E. L. White. 2011. *Vulnerability of at-risk species to climate change in New York*. New York Natural Heritage Program, Albany, USA.
- Sperry, J. H., and T. J. Hayden. 2011. *Use of a climate change vulnerability index for assessing species at risk on military lands*. U.S. Army Corps of Engineers, Washington, D.C., USA.
- Steel, Z. L., M. Wilkerson, P. Grof-Tisza, and K. Sulzner. 2011. *Assessing species and area vulnerability to climate change for the Oregon Conservation Strategy: Willamette Valley Ecoregion*. Conservation Management Program, University of California, Davis, USA.
- Treher, A., A. Frances, L. Oliver, and B. E. Young. 2012. *Vulnerability of plants on BLM lands to climate change*. Technical Report prepared by NatureServe, Arlington, Virginia, USA.
- Walk, J., S. Hagan, and A. Lange. 2011. *Adapting conservation to a changing climate: an update to the Illinois Wildlife Action Plan. Report to the Illinois Department of Natural Resources*. Illinois Chapter of the Nature Conservancy, Peoria, USA.

Young, B. E., E. Byers, K. Gravuer, G. Hammerson, and A. Redder. 2011. *Guidelines for using the NatureServe Climate Change Vulnerability Index Release 2.1*. NatureServe, Arlington, Virginia, USA.

Young, B. E., E. Byers, G. Hammerson, A. Frances, L. Oliver, and A. Treher. 2015. *Guidelines for using the NatureServe Climate Change Vulnerability Index Release 3.0*. NatureServe, Arlington, Virginia, USA.