



# THE WILDLIFE SOCIETY

Leaders in Wildlife Science, Management and Conservation

## Policy Priority Reference List Climate Change and Adaptation

Wildlife and wildlife habitats will continue to be affected by climate change. The implementation of strategies to mitigate these impacts and enable wildlife and their habitat adapt to climate change is important for sustaining diversity.

### ASSESSMENT AND MANAGEMENT

- Ciuti, S., W. F. Jensen, S. E. Nielsen, and M. S. Boyce.** 2015. Predicting mule deer recruitment from climate oscillations for harvest management on the northern Great Plains. *The Journal of Wildlife Management* 79:1226–1238.
- Hagell, S., and C. A. Ribic.** 2014. Barriers to climate-adaptive management: A survey of wildlife researchers and managers in Wisconsin. *Wildlife Society Bulletin* 38:672–681.
- Johnson, F. A., D. J. Case, and D. D. Humburg.** 2016. Learning and adaptation in waterfowl conservation: By chance or by design? *Wildlife Society Bulletin* 40:423–427.
- Lankford, A. J., L. K. Svancara, J. J. Lawler, and K. Vierling.** 2014. Comparison of climate change vulnerability assessments for wildlife. *Wildlife Society Bulletin* 38:386–394.
- Ledee, O. E., W. H. Karasov, K. J. Martin, M. W. Meyer, C. A. Ribic, and T. R. Van Deelen.** 2011. Envisioning the future of wildlife in a changing climate: Collaborative learning for adaptation planning. *Wildlife Society Bulletin* 35:508–513.
- Magness, D. R., A. L. Lovcraft, and J. M. Morton.** 2012. Factors influencing individual management preferences for facilitating adaptation to climate change within the National Wildlife Refuge System. *Wildlife Society Bulletin* 36:457–468.
- Martin, S. A., R. M. Rautsaw, R. Bolt, C. L. Parkinson, and R. A. Seigel.** 2017. Adapting coastal management to climate change: Mitigating our shrinking shorelines. *The Journal of Wildlife Management* 81:982–989.
- Nichols, J. D., M. D. Koneff, P. J. Heglund, M. G. Knutson, M. E. Seamans, J. E. Lyons, J. M. Morton, M. T. Jones, G. S. Boomer, and B. K. Williams.** 2011. Climate change, uncertainty, and natural resource management. *The Journal of Wildlife Management* 75:6–18.
- Young, B. E., N. S. Dubois, and E. L. Rowland.** 2015. Using the climate change vulnerability index to inform adaptation planning: Lessons, innovations, and next steps. *Wildlife Society Bulletin* 39:174–181.
- environmental change. *The Journal of Wildlife Management* 80:452–464.
- Inkley, D. B., M. G. Anderson, A. R. Blaustein, V. R. Burkett, B. Felzer, B. Griffith, J. Price, and T. L. Root.** 2004. *Global Climate Change and Wildlife in North America*. K. E. M. Galley, editor. Technical Review 04-2. The Wildlife Society, Bethesda, Maryland.
- Kenamer, R. A.** 2001. Relating climatological patterns to wetland conditions and wood duck production in the Southeastern Atlantic Coastal Plain. *Wildlife Society Bulletin* 29:1193–1205.
- Larivière, S.** 2004. Range expansion of raccoons in the Canadian prairies: Review of hypotheses. *Wildlife Society Bulletin* 32:955–963.
- Lenarz, M. S., J. Fieberg, M. W. Schrage, and A. J. Edwards.** 2010. Living on the edge: Viability of moose in northeastern Minnesota. *The Journal of Wildlife Management* 74:1013–1023.
- Lenarz, M. S., M. E. Nelson, M. W. Schrage, and A. J. Edwards.** 2009. Temperature mediated moose survival in northeastern Minnesota. *The Journal of Wildlife Management* 73:503–510.
- Murray, D. L., E. W. Cox, W. B. Ballard, H. A. Whitlaw, M. S. Lenarz, T. W. Custer, T. Barnett, and T. K. Fuller.** 2006. Pathogens, nutritional deficiency, and climate influences on a declining moose population. *Wildlife Monographs* 166:1–30.
- Osnas, E. E., Q. Zhao, M. C. Runge, and G. S. Boomer.** 2016. Cross-seasonal effects on waterfowl productivity: Implications under climate change. *The Journal of Wildlife Management* 80:1227–1241.
- Regehr, E. V., N. J. Lunn, S. C. Amstrup, and I. Stirling.** 2007. Effects of earlier sea ice breakup on survival and population size of polar bears in western Hudson Bay. *The Journal of Wildlife Management* 71:2673–2683.
- Smith, B. D., K. R. Hagmeier, W. S. Boyd, N. K. Dawe, T. D. Martin, and G. L. Monty.** 2012. Trends in volume migration chronology in spring staging Pacific black brant. *The Journal of Wildlife Management* 76:593–599.
- Viterbi, R., S. Imperio, D. Alpe, V. Bosser-peverelli, and A. Provenzale.** 2015. Climatic control and population dynamics of black grouse (*Tetrao tetrix*) in the Western Italian Alps. *The Journal of Wildlife Management* 79:156–166.
- White, K. S., G. W. Pendleton, D. Crowley, H. J. Griese, K. J. Hundertmark, T. McDonough, L. Nichols, M. Robus, C. A. Smith, and J. W. Schoen.** 2011. Mountain goat survival in coastal Alaska: Effects of age, sex, and climate. *The Journal of Wildlife Management* 75:1731–1744.