



THE WILDLIFE SOCIETY

Leaders in Wildlife Science, Management and Conservation

Policy Priority Reference List Wetlands Conservation

Wetlands have distinct biotic communities with unique and diverse flora and fauna. Wetlands provide an array of important ecological services that include groundwater recharge, water quality, storm surge protection, nutrient and pollutant processing, retaining sediment, and reducing downstream pollution. Wildlife managers understand the key role that these services provide to wildlife species as well as human communities.

EFFECT OF WETLAND LOSS OR DEGRADATION ON WILDLIFE

- Banning, A. E., and J. L. Bowman.** 2009. Effects of long piers on birds in tidal wetlands. *The Journal of Wildlife Management* 73:1362–1367.
- Burton, E. C., M. J. Gray, A. C. Schmutzer, and D. L. Miller.** 2009. Differential responses of postmetamorphic amphibians to cattle grazing in wetlands. *The Journal of Wildlife Management* 73:269–277.
- Cunningham, J. M., A. J. K. Calhoun, and W. E. Glanz.** 2007. Pond-breeding amphibian species richness and habitat selection in a beaver-modified landscape. *The Journal of Wildlife Management* 71:2517–2526.
- Knapton, R. W., S. A. Petrie, and G. Herring.** 2000. Human disturbance of diving ducks on Long Point Bay, Lake Erie. *Wildlife Society Bulletin* 28:923–930.
- Meyer, S. W., S. S. Badzinski, S. A. Petrie, and C. D. Ankney.** 2010. Seasonal abundance and species richness of birds in common reed habitats in Lake Erie. *The Journal of Wildlife Management* 74:1559–1566.
- Senzaki, M., Y. Yamaura, and F. Nakamura.** 2017. Predicting off-site impacts on breeding success of the marsh harrier. *The Journal of Wildlife Management* 81:973–981.
- Varner, D. M., G. R. Hepp, and R. R. Bielefeld.** 2014. Movements and seasonal use of habitats by rural and urban female mottled ducks in southeast Florida. *The Journal of Wildlife Management* 78:840–847.

EFFECT OF WETLAND RESTORATION AND MANAGEMENT ON WILDLIFE

- Gabrey, S. W., A. D. Afton, and B. C. Wilson.** 2001. Effects of structural marsh management and winter burning on plant and bird communities during summer in the Gulf Coast Chenier Plain. *Wildlife Society Bulletin* 29:218–231.
- Hagy, H. M., and R. M. Kaminski.** 2012. Winter waterbird and food dynamics in autumn-managed moist-soil wetlands in the Mississippi Alluvial Valley. *Wildlife Society Bulletin* 36:512–523.
- Howerter, D. W., M. G. Anderson, J. H. Devries, B. L. Joynt, L. M. Armstrong, R. B. Emery, and T. W. Arnold.** 2014. Variation in mallard vital rates in Canadian Aspen Parklands: The Prairie Habitat Joint Venture assessment. *Wildlife Monographs* 188:1–37.

- Kaminski, M. R., G. A. Baldassarre, and A. T. Pearse.** 2006. Waterbird responses to hydrological management of Wetlands Reserve Program habitats in New York. *Wildlife Society Bulletin* 34:921–926.
- King, S. L., D. J. Twedt, and R. R. Wilson.** 2006. The role of the Wetland Reserve Program in conservation efforts in the Mississippi River Alluvial Valley. *Wildlife Society Bulletin* 34:914–920.
- Klaus, J. M., and R. F. Noss.** 2016. Specialist and generalist amphibians respond to wetland restoration treatments. *The Journal of Wildlife Management* 80:1106–1119.
- Kuczynski, E. C., C. A. Paszkowski, and B. A. Gingras.** 2012. Horned grebe habitat use of constructed wetlands in Alberta, Canada. *The Journal of Wildlife Management* 76:1694–1702.
- Reynolds, R. E., T. L. Shaffer, C. R. Loesch, and R. R. Cox.** 2006. The Farm Bill and duck production in the prairie pothole region: Increasing the benefits. *Wildlife Society Bulletin* 34:963–974.
- Reynolds, R. E., T. L. Shaffer, R. W. Renner, W. E. Newton, and B. D. J. Batt.** 2001. Impact of the Conservation Reserve Program on duck recruitment in the U.S. prairie pothole region. *The Journal of Wildlife Management* 65:765–780.
- Taylor, J. P., and L. M. Smith.** 2005. Migratory bird use of belowground foods in moist-soil managed wetlands in the Middle Rio Grande Valley, New Mexico. *Wildlife Society Bulletin* 33:574–582.

IMPORTANCE OF WETLANDS AS MIGRATORY AND BREEDING HABITAT

- Conway, W. C., L. M. Smith, and J. D. Ray.** 2005. Shorebird habitat use and nest-site selection in the Playa Lakes region. *The Journal of Wildlife Management* 69:174–184.
- Devries, J. H., J. J. Citta, M. S. Lindberg, D. W. Howerter, and M. G. Anderson.** 2003. Breeding-season survival of mallard females in the prairie pothole region of Canada. *The Journal of Wildlife Management* 67:551–563.
- Eldridge, J. L., G. L. Krapu, and D. H. Johnson.** 2009. Feeding ecology of Arctic-nesting sandpipers during spring migration through the prairie pothole region. *The Journal of Wildlife Management* 73:248–252.
- Gillespie, C. R., and J. J. Fontaine.** 2017. Shorebird stopover habitat decisions in a changing landscape. *The Journal of Wildlife Management* 81:1051–1062.

- Hartman, C. A., J. T. Ackerman, and M. P. Herzog.** 2016. Island characteristics within wetlands influence waterbird nest success and abundance. *The Journal of Wildlife Management* 80:1177–1188.
- Kaminski, M. R., G. A. Baldassarre, J. B. Davis, E. R. Wengert, and R. M. Kaminski.** 2013. Mallard survival and nesting ecology in the Lower Great Lakes Region, New York. *Wildlife Society Bulletin* 37:778–786.
- Podrutzny, K. M., J. H. Devries, L. M. Armstrong, and J. J. Rotella.** 2002. Long-term response of northern pintails to changes in wetlands and agriculture in the Canadian prairie pothole region. *The Journal of Wildlife Management* 66:993–1010.
- Rice, M. B., D. A. Haukos, J. A. Dubovsky, and M. C. Runge.** 2010. Continental survival and recovery rates of northern pintails using band-recovery data. *The Journal of Wildlife Management* 74:778–787.
- Straub, J. N., R. J. Gates, R. D. Schultheis, T. Yerkes, J. M. Coluccy, and J. D. Stafford.** 2012. Wetland food resources for spring-migrating ducks in the Upper Mississippi River and Great Lakes Region. *The Journal of Wildlife Management* 76:768–777.
- Walker, J., J. J. Rotella, J. H. Schmidt, C. R. Loesch, R. E. Reynolds, M. S. Lindberg, J. K. Ringelman, and S. E. Stephens.** 2013. Distribution of duck broods relative to habitat characteristics in the Prairie Pothole Region. *The Journal of Wildlife Management* 77:392–404.
- Webb, E. B., L. M. Smith, M. P. Vrtiska, and T. G. Lagrange.** 2010. Effects of local and landscape variables on wetland bird habitat use during migration through the rainwater basin. *The Journal of Wildlife Management* 74:109–119.

CONSTRUCTED WETLANDS

- Denton, R. D., and S. C. Richter.** 2013. Amphibian communities in natural and constructed ridge top wetlands with implications for wetland construction. *The Journal of Wildlife Management* 77:886–896.
- Hartwig, T. S., and E. Kiviat.** 2007. Microhabitat association of Blanding’s turtles in natural and constructed wetlands in southeastern New York. *The Journal of Wildlife Management* 71:576–582.

MISCELLANEOUS

- Fleming, K. S., R. M. Kaminski, M. L. Schummer, K. D. Nelms, G. N. Ervin, and T. E. Tietjen.** 2015. Species richness and density of wintering ducks on wetlands reserve program easements in Mississippi. *Wildlife Society Bulletin* 39:310–318.
- Runge, M. C., F. A. Johnson, M. G. Anderson, M. D. Koneff, E. T. Reed, and S. E. Mott.** 2006. The need for coherence between waterfowl harvest and habitat management. *Wildlife Society Bulletin* 34:1231–1237.