



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

- Mitchell, B. J., C. V. Terry, K. M. Ringelman, K. M. Kemink, M. J. Anteau, and A. K. Janke.** 2023. Wetland occupancy by duck broods in cropland-dominated landscapes of the United States Prairie Pothole Region. *The Journal of Wildlife Management* 87:e22347.
- 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

- Essian, D. A., R. Paudel, and D.E. Gawlik.** 2022. Predicting effects of water management on breeding abundance of three wading bird species. *The Journal of Wildlife Management* 86:e22155.
- Glisson, W.J., R. S. Brady, A. T. Paulios, S. K. Jacobi, and D. J. Larkin.** 2015. Sensitivity of secretive marsh birds to vegetation condition in natural and restored wetlands in Wisconsin. *The Journal of Wildlife Management* 79: 1101–1116.
- 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.
- 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.
- Monfils, M.J., P. W. Brown, D. B. Hayes, G. J. Soulliere, and E. N. Kafcas.** 2014. Breeding bird use and wetland characteristics of diked and undiked coastal marshes in Michigan. *The Journal of Wildlife Management* 78: 79–92.
- Simpson, D.S., D.C. Forester, J.W. Snodgrass, and S.A. Smith.** 2021. Relationships among Amphibian Assemblage Structure, Wetland pH, and Forest Cover. *Journal of Wildlife Management* 85: 569–581.

Vanausdall, R. A., T. M. Harms, and S. J. Dinsmore. 2022.

Marsh bird response to restored shallow lakes: Implications for future management. *Wildlife Society Bulletin* 46:e1296.

IMPORTANCE OF WETLANDS AS MIGRATORY AND BREEDING HABITAT

- 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.
- 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.

CONSTRUCTED WETLANDS

- Davis, D. E., C. H. Hanson, and R. B. Hansen.** (2008). Constructed Wetland Habitat for American Avocet and Black-Necked Stilt Foraging and Nesting. *The Journal of Wildlife Management*, 72: 143–151.
- 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.

MISCELLANEOUS

- Ballard, D.C., O.E. Jones III, and A.K. Janke.** 2021. Factors Affecting Wetland Use by Spring Migrating Ducks in the Southern Prairie Pothole Region. *The Journal of Wildlife Management* 85: 1490–1506.
- 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.

Nichols, T. C. 2014. Ten years of resident Canada goose damage management in a New Jersey tidal freshwater wetland. Wildlife Society Bulletin 38: 221-228.

See our other Policy Priority Reference Lists at wildlife.org/policy

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