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Effects of Agricultural Conservation Practices on Fish and Wildlife

A Conservation Effects Assessment Project (CEAP) Bibliography



7a

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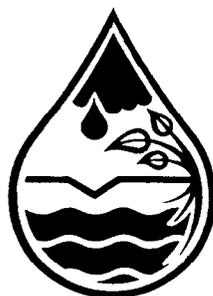
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Water Quality Information Center
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2,285 citations (in two volumes)



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Abstract

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This bibliography, in two volumes, is part of a multi-volume set developed by the Water Quality Information Center at the National Agricultural Library in support of the U.S. Department of Agriculture's Conservation Effects Assessment Project (CEAP). The bibliography is a guide to recent scientific literature covering effects of agricultural conservation practices on fish and wildlife. The citations listed here provide information on how conservation programs and practices designed to improve fish and wildlife habitat, as well as those intended for other purposes, e.g., water quality improvement, affect various aquatic and terrestrial fauna.

Keywords: aquatic habitat, aquatic organisms, biodiversity, conservation buffers, conservation practices, conservation programs, ecology, ecosystem management, fish, habitat conservation, habitat fragmentation, natural resource management, wild animals, wildlife, wildlife habitats, wildlife management.

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Copies of this publication may be purchased in various formats (microfiche, photocopy, CD, print on demand) from the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161, (800) 553-6847, www.ntis.gov.

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Preface

This bibliography, in two volumes, is part of a series of bibliographies developed by the Water Quality Information Center at the National Agricultural Library (NAL) in support of the U.S. Department of Agriculture's Conservation Effects Assessment Project (CEAP).

The purpose of CEAP is to study the environmental effects of conservation practices implemented through various U.S. Department of Agriculture conservation programs. A national assessment covers cropland, wetlands, wildlife and grazing lands. Conservation practices being assessed include conservation buffers; erosion control; wetlands conservation and restoration; establishment of wildlife habitat; and management of grazing land, tillage, irrigation water, nutrients, and pests. More information about this and other components of CEAP is available at www.nrcs.usda.gov/technical/nri/ceap/.

The current titles in this series are

- *Environmental Effects of U.S. Department of Agriculture Conservation Programs*
Special Reference Brief 2004-01
- *Implementing Agricultural Conservation Practices: Barriers and Incentives*
Special Reference Brief 2004-02
- *Data and Modeling for Environmental Credit Trading*
Special Reference Brief 2004-03
- *Agricultural Conservation Practices and Related Issues: Reviews of the State of the Art and Research Needs*
Special Reference Brief 2004-04
- *Wetlands in Agricultural Landscapes*
Special Reference Brief 2006-01
- *Environmental Effects of Conservation Practices on Grazing Lands*
Special Reference Brief 2006-02
- *Effects of Agricultural Conservation Practices on Fish and Wildlife*
Special Reference Brief 2008-01 (in two volumes)

Each of the documents, as well as bibliographies on similar topics, is accessible online from the NAL Water Quality Information Center at www.nal.usda.gov/wqic/.

Acknowledgments

The center gratefully acknowledges these organizations who granted permission to use their citations and abstracts.

- American Geological Institute
www.agiweb.org
- CABI
www.cabi.org
- Cambridge Information Group/ProQuest
www.csa.com
- Elsevier/Scopus
www.scopus.com
- National Information Services Corporation (NISC)
www.nisc.com
- Thomson Reuters Scientific
scientific.thomson.com

The following databases were used to develop this bibliography:

- **AGRICOLA** (National Agricultural Library)
- **Aquatic Science and Fisheries Abstracts** (ProQuest)
- **BioOne** (ProQuest)
- **Biological Sciences** (ProQuest)
- **BIOSIS Previews** (Thomson Reuters Scientific)
- **CAB Abstracts** (CABI)
- **Current Contents** (Thomson Reuters Scientific)
- **Conference Papers Index** (ProQuest)
- **Entomology Abstracts** (ProQuest)
- **Fish and Fisheries Worldwide** (NISC)
- **GeoRef** (American Geological Institute)
- **NTIS** (National Technical Information Service)
- **Scopus** (Elsevier)
- **Treesearch** (USDA Forest Service)
- **Water Resources Abstracts** (ProQuest)
- **Web of Science** (Thomson Reuters Scientific)
- **Wildlife and Ecology Studies Worldwide** (NISC)
- **Zoological Record** (Thomson Reuters Scientific)

In addition, support from the Natural Resources Conservation Service (NRCS) for the development of this bibliography is greatly appreciated. Special thanks to Charles Rewa, NRCS, for his valuable assistance.

About This Bibliography

This bibliography is a guide to recent scientific literature covering effects of agricultural conservation practices on fish and wildlife. The citations listed here provide information on how conservation programs and practices designed to improve fish and wildlife habitat, as well as those intended for other purposes, e.g., water quality improvement, affect various aquatic and terrestrial fauna.

Citations are broadly grouped into two volumes of the bibliography, 7a and 7b. Volume 7a covers the terrestrial habitats of cropland (including set-aside lands, buffers, strip habitats), grazing lands (including some riparian areas) and forests. Volume 7b covers aquatic habitats in sections focused on lotic habitats (streams, rivers) and lentic habitats (estuaries, lakes, ponds, wetlands). This volume also contains a third grouping of citations covering mixed habitats, which may be mixed terrestrial and/or aquatic habitats.

There are 2,285 citations with abstracts (when available) in this bibliography. Citations were found through literature searches of the AGRICOLA database, produced by the National Agricultural Library, and several commercial bibliographic databases listed on page two. The literature searches focused on documents published during the years 2000 through 2007. Relevant citations from the previous six CEAP bibliographies are also included. Many of these citations are from documents published before 2000. The geographical coverage is North America.

In addition, Water Quality Information Center staff created citations for documents that were located by other means. If they were readily available to the compilers, URLs are provided for online documents. The inclusion or omission of a particular citation does not imply endorsement or disapproval.

Within sections, citations are arranged alphabetically by title. To locate information on a specific topic, for example, "ring-necked pheasant," use the subject index beginning on page 273 of volume 7b. To ensure that you see all the relevant citations for a particular topic, be sure to also look up related terms in the subject index, such as "*Phasianus colchicus*" or "gamebird" from this example. An author index is also available beginning on page 341.

To obtain a specific document, please contact your local library. Information on how to obtain documents from the National Agricultural Library can be found at www.nal.usda.gov/services/request.shtml.