



United States  
Department of  
Agriculture

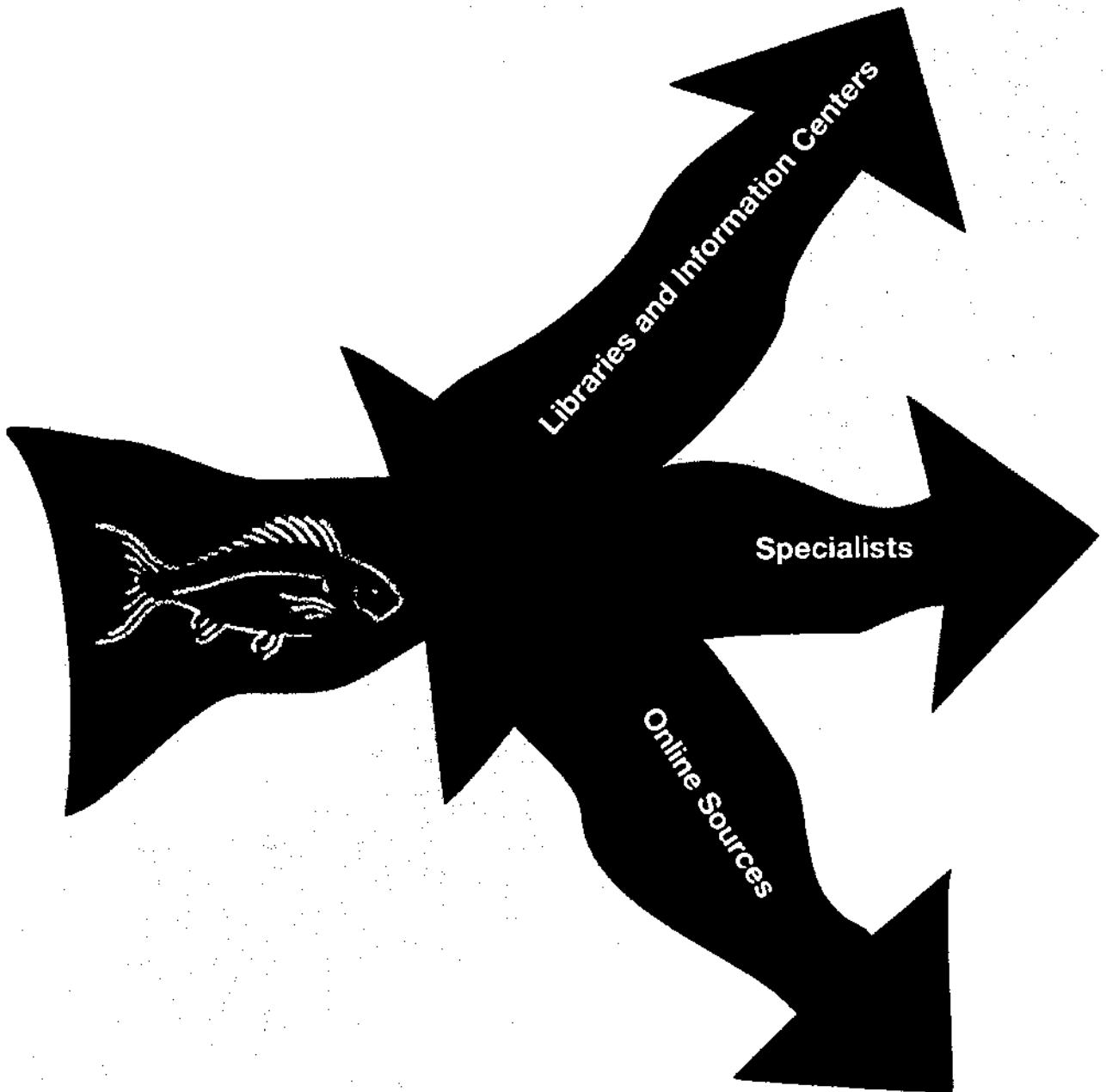


National  
Agricultural  
Library

# Resource Guide to Aquaculture Information

CIRCULATING COPY

LOAN COPY ONLY





United States  
Department of  
Agriculture



National  
Agricultural  
Library



Extension  
Service



U.S. Fish  
and Wildlife  
Service



NCRI  
National Coastal  
Resources  
Research &  
Development  
Institute



National Sea  
Grant College  
Program

# Resource Guide to Aquaculture Information

LOAN COPY ONLY

**Joint Subcommittee on Aquaculture,  
Aquaculture Information and Technology  
Transfer Task Force**

**Coordinated through:**

**Aquaculture Information Center  
National Agricultural Library  
U.S. Department of Agriculture**

CIRCULATING COPY

**National Agricultural Library  
Beltsville, Maryland  
August 1994**

## **National Agricultural Library Cataloging Record:**

Resource guide to aquaculture information.

1. Aquaculture – United States – Information services – Directories.

I. Aquaculture Information and Technology Task Force (U.S.)

II. Aquaculture Information Center (U.S.) III. Title.

aSH20.5

---

The United States Department of Agriculture (USDA) prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, and marital or familial status. (Not all prohibited bases apply to all programs). Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact the USDA Office of Communications at (202) 720-5881 (voice) or (202) 720-7808 (TDD).

To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call (202) 720-7327 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.

## Contents

|   |     |
|---|-----|
| Introduction .....  | v   |
| Acknowledgments .....   | vi  |
| Section I: Academic Libraries .....                                 | 1   |
| Section II: Federal and State Libraries .....                       | 17  |
| Section III: Journals and Newsletters .....                         | 35  |
| Section IV: Electronic and Online Resources .....                   | 59  |
| Section V: Trade and Professional Associations .....                | 73  |
| Section VI: Selected Extension Contacts .....                       | 97  |
| Section VII: State Aquaculture Coordinators and Contacts .....      | 111 |
| Section VIII: Federal Agencies--Regional Level .....                | 125 |
| Section IX: Federal Agencies and Administrative Offices .....       | 127 |
| Section X: Regional Aquaculture Center Administrative Offices ..... | 147 |
| Section XI: Equipment and Supply Sources .....                      | 149 |
| Index .....   | 151 |

## Introduction

The growth of the aquaculture industry, advances in new technologies, and concerns for the use of natural resources have resulted in an increased demand for all types of aquaculture information.

Frequently, the search for aquaculture information lacks a clear roadmap. Location of the closest, most appropriate resource, which is the first step, may be the most difficult. This directory was compiled for use by aquaculturists, researchers, students, educators, industry members, and others seeking initial contact points for further information and referral on multiple aspects of the aquaculture industry. The directory is divided into 11 sections, beginning with academic libraries. This library listing is followed by sections on Federal and State libraries and information centers, printed resources, electronic resources, trade and professional associations, specialists in the field, policymakers and government administrative offices, and selected initial sources for supplies and equipment. There are over 500 North American resources listed in this publication.

In the real world not all sources provide all answers to all people, and this is certainly true in aquaculture. Sources in this directory may be limited in access, scope, accuracy, and economy to the searcher. The first approach for the aquaculture client should be identification of the information sources that are available locally or regionally. Reading materials available at the local university library may be a good starting point followed by contacting the county agent or extension specialist in your state. The agent/specialist may refer you to another source to complete your information search. The Aquaculture Information Center under the National Agricultural Library in Maryland (Section II: Federal and State Libraries) is also a good starting point. It is recommended that the searcher frame a clear and specific picture of his/her information needs prior to contacting the sources provided in this guide.

Although every attempt was made to be as comprehensive and accurate as possible, this guide is at best a "snapshot" of resources at the time of printing. Addresses and phone numbers for certain resources may have changed since this document went to press, and certain resources may have inadvertently been omitted.

## Acknowledgments

This *Resource Guide to Aquaculture Information* was prepared by the Aquaculture Information and Technology Transfer Task Force under the Joint Subcommittee on Aquaculture (JSA).

Funding support was provided by the following agencies: Extension Service, U.S. Department of Agriculture; National Coastal Resources Research and Development Institute (Grant No. NA16RG0167), National Oceanic and Atmospheric Administration, U.S. Department of Commerce; National Sea Grant College Program, National Oceanic and Atmospheric Administration, U.S. Department of Commerce; U.S. Fish and Wildlife Service, U.S. Department of the Interior.

Special acknowledgment is given to Rebecca Thompson, National Agricultural Library, who provided substantial support in editing and desktop publishing.

Appreciation is also extended to the members of the Working Group for their extensive efforts in compiling and verifying the information.

Gary L. Jensen  
Eileen M. McVey  
Co-Chairs, JSA Aquaculture Information and Technology Transfer Task Force

## Section I: Academic Libraries

The following list of selected academic libraries was taken from a survey conducted by the Aquaculture Information Center in 1992. Academic libraries that did not respond to the survey, and therefore not listed here, may also have aquaculture information.

Other libraries such as museum and zoological libraries that are not listed here may also have aquaculture collections. Materials listed under the Scope field refer to aquaculture materials in the collection. Unless otherwise indicated, interlibrary loan services are provided only to affiliated clients.

**State:** Alabama  
**Contact:** Librarian  
**Name:** Ralph Brown Draughon Library  
**Address:** Science and Technology Department  
Auburn, AL 36849-5606  
**Phone:** (205) 844-1746  
**FAX:** (205) 844-1753  
**Scope:** Books, monographs, journals, magazines, newsletters, and extension publications; information services provided to affiliated and non-affiliated clients; aquaculture materials available for on-site use to general public.

**State:** Arizona  
**Contact:** Information Specialist  
**Name:** University of Arizona Environmental Research Laboratory  
**Address:** Library  
2601 E. Airport Dr.  
Tucson, AZ 85706  
**Phone:** (602) 741-1990  
**Scope:** Journals, published reports, magazines.

**State:** Alaska  
**Contact:** Librarian  
**Name:** BioSciences Library  
**Address:** University of Alaska  
Fairbanks, AK 99775-0300  
**Phone:** (907) 474-7481  
**FAX:** (907) 474-6841  
**Scope:** Books, monographs, journals, magazines; information services provided to affiliated and non-affiliated clients; aquaculture materials available for on-site use by affiliated clients and general public.

**State:** Alaska  
**Contact:** Librarian  
**Name:** Seward Marine Station Library  
**Address:** University of Alaska Institute of Marine Science  
Box 730  
Seward, AK 99664  
**Phone:** (907) 224-5261  
**FAX:** (907) 222-3392  
**Scope:** Books, monographs, journals, magazines; information services provided to affiliated and non-affiliated clients; aquaculture materials available for on-site use by affiliated clients and general public.

**State:** California  
**Contact:** Librarian  
**Name:** Bio-Agricultural Library  
**Address:** University of California  
Riverside, CA 92521-0140  
**Phone:** (909) 787-3238  
**Scope:** Books, monographs, journals, magazines, extension publications; information services provided to affiliated and non-affiliated clients; aquaculture materials available for on-site use by affiliated clients and general public.

**State:** California  
**Contact:** Librarian  
**Name:** Biosciences Library-UC Berkeley  
**Address:** University of California at Berkeley  
40 Giannini Hall  
Berkeley, CA 94720  
**Phone:** (510) 642-2531  
**Scope:** Books, monographs, journals, magazines; information services provided to affiliated and non-affiliated clients; aquaculture materials available for on-site use by affiliated clients and general public; some aquaculture materials can be borrowed by non-affiliated clients.



**State:** California  
**Contact:** Librarian  
**Name:** Hancock Library of Biology and Oceanography  
**Address:** University of Southern California  
University Park  
Los Angeles, CA 90089-0372  
**Phone:** (213) 740-7542  
**FAX:** (213) 740-5140  
**Scope:** Books, monographs, journals, magazines, newsletters; information services provided to affiliated clients and researchers; aquaculture materials available for on-site use by general public.

**State:** California  
**Contact:** Librarian  
**Name:** Humboldt State University  
**Address:** University Library  
Arcata, CA 95521  
**Phone:** (707) 826-3418  
**Scope:** Books, monographs, journals, magazines, audio-visual materials; information services provided to affiliated and non-affiliated clients; aquaculture materials available for on-site use by affiliated and non-affiliated clients with purchase of community card; aquaculture materials can be borrowed by non-affiliated clients with community card.

**State:** California  
**Contact:** Librarian  
**Name:** Scripps Institution of Oceanography Library  
**Address:** University of California, San Diego  
La Jolla, CA 92093  
**Phone:** (619) 534-3274  
**FAX:** (619) 534-5269  
**Scope:** Books, monographs, journals, magazines; information provided to primary clientele with services to general public as staff resources permit; aquaculture materials are available for on-site use by all.

**State:** California  
**Contact:** Librarian  
**Name:** Shields Library  
**Address:** University of California-Davis  
Davis, CA 95616  
**Phone:** (916) 752-6561  
**Scope:** Books, monographs, journals, magazines; information provided to primary clientele with services to general public as staff resources permit; aquaculture materials are available for on-site use by all.

**State:** California  
**Contact:** Librarian  
**Name:** Water Resources Center Archives  
**Address:** 410 O'Brien Hall  
University of California at Berkeley  
Berkeley, CA 94720  
**Phone:** (415) 642-2666  
**FAX:** (510) 642-9143  
**Scope:** Books, monographs, journals, videos, U.S. Government documents.

**State:** Delaware  
**Contact:** Aquaculture Specialist  
**Name:** Delaware Aquaculture Resource Center  
**Address:** College of Marine Studies  
University of Delaware  
Lewes, DE 19958  
**Phone:** (302) 645-4060  
**FAX:** (302) 645-4007  
**Scope:** Books, monographs, journals, magazines, newsletters, extension publications, audiovisual materials, in-house publications, computer applications; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Delaware  
**Contact:** Librarian  
**Name:** Delaware State College  
**Address:** William C. Jason Library-Learning Center  
Dover, DE 19901  
**Phone:** (302) 739-5111  
**Scope:** Books, monographs, journals, magazines, extension publications, computer applications; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated clients and general public.

**State:** Florida  
**Contact:** Coordinator Education Media/Communication  
**Name:** Aquatic Weed Program Information and Retrieval Center  
**Address:** University of Florida  
2183 McCarty Hall  
Gainesville, FL 32611  
**Phone:** (904) 392-1799  
**Scope:** Maintains a database of over 38,000 citations covering mostly Freshwater Macrophytes. Also have audio-visuals, drawings and posters; materials and services available free to the public.

**State:** Florida  
**Contact:** Librarian  
**Name:** Library-Florida Marine Research Institute  
**Address:** 100 Eighth Ave. S.E.  
St. Petersburg, FL 33701-5095  
**Phone:** (813) 896-8626  
**Scope:** Books, monographs, journals, magazines, newsletters, audiovisual materials, in-house publications, reprints; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Florida  
**Contact:** Librarian  
**Name:** Marston Science Library  
**Address:** University of Florida  
Gainesville, FL 32611-2020  
**Phone:** (904) 392-2836  
**Scope:** Books, monographs, journals, magazines, newsletters, extension publications, audiovisual materials, in-house publications; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Florida  
**Contact:** Librarian  
**Name:** Rosenthal School of Marine and Atmospheric Sciences Library  
**Address:** University of Miami  
4600 Rickenbacker Causeway  
Miami, FL 33149  
**Phone:** (305) 361-4007  
**Scope:** Books, monographs, journals, magazines; non-affiliated clients on-site use only.

**State:** Georgia  
**Contact:** Librarian  
**Name:** University of Georgia  
**Address:** Library-Skidaway Institute of Oceanography  
#10 Ocean Science Circle  
P.O. Box 13687  
Savannah, GA 31411  
**Phone:** (912) 598-2474  
**Scope:** Books, monographs, journals, magazines, newsletters; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Georgia  
**Contact:** Librarian  
**Name:** Science Library  
**Address:** Graduate Studies Bldg.  
University of Georgia  
Athens, GA 30602-7412  
**Phone:** (706) 542-0691  
**Scope:** Aquaculture information services provided to affiliated clients only; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Hawaii  
**Contact:** Librarian  
**Name:** Pacific Regional Aquaculture Information Service  
**Address:** University of Hawaii  
Hamilton Library  
Science and Technology Reference Department  
2550 the Mall  
Honolulu, HI 96822  
**Phone:** (808) 956-2540  
**Scope:** Books, monographs, journals, magazines, newsletters, extension publications, audiovisual materials, in-house publications, computer applications; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Idaho  
**Contact:** Librarian  
**Name:** University of Idaho Aquaculture Information Service (UIAIS)  
**Address:** Aquaculture Institute  
University of Idaho  
Moscow, ID 83843  
**Phone:** (208) 885-5992; (208) 885-5830  
**FAX:** (208) 885-5968  
**Scope:** (See Section IV: Electronic and Online Sources)

**State:** Illinois  
**Contact:** Librarian  
**Name:** Agriculture Library  
**Address:** University of Illinois  
1301 W. Gregory Dr.  
Urbana, IL 61801  
**Phone:** (217) 333-2416  
**Scope:** Books, monographs, journals, magazines, newsletters, extension publications, audiovisual materials, in-house publications, computer applications; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Iowa  
**Contact:** Librarian  
**Name:** Parks Library  
**Address:** Iowa State University  
Ames, IA 50011  
**Phone:** (515) 294-3642  
**Scope:** Books, monographs, journals, magazines, newsletters, extension publications, audiovisual materials, in-house publications, computer applications; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Kansas  
**Contact:** Librarian  
**Name:** Farrell Library  
**Address:** Kansas State University  
Manhattan, KS 66506  
**Phone:** (913) 532-7418  
**Scope:** Books, monographs, journals, magazines, newsletters, extension publications, audiovisual materials, in-house publications, computer applications; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Kentucky  
**Contact:** Librarian  
**Name:** Agriculture Library  
**Address:** University of Kentucky  
Agriculture Science Center-N  
Lexington, KY 40546-0091  
**Phone:** (606) 257-2758  
**Scope:** Limited aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Kentucky  
**Contact:** Librarian  
**Name:** Blazer Library  
**Address:** Kentucky State University  
Frankfort, KY 40601  
**Phone:** (502) 227-6852  
**Scope:** Books, monographs, journals, magazines, government documents; aquaculture information services; referrals by phone and in writing provided to affiliated clients; aquaculture materials available for on-site use by affiliated and non-affiliated clients.

**State:** Louisiana  
**Contact:** Librarian  
**Name:** Center for Wetland Resources Information Repository  
**Address:** Louisiana State University  
CWR Bldg., Rm. 103  
Baton Rouge, LA 70803  
**Phone:** (504) 388-8266

**State:** Louisiana  
**Contact:** Librarian  
**Name:** Louisiana State University  
**Address:** Baton Rouge, LA 70803  
**Phone:** (504) 338-4016  
**Scope:** Books, monographs, journals, magazines, extension publications, computer applications; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Maine  
**Contact:** Librarian  
**Name:** Fogler Library  
**Address:** Science and Engineering Center  
University of Maine  
Orono, ME 14469  
**Phone:** (207) 581-1691  
**Scope:** Books, monographs, journals, magazines; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Maine  
**Contact:** Librarian  
**Name:** Ira C. Darling Marine Center Library  
**Address:** University of Maine  
Walpole, ME 04573  
**Phone:** (207) 563-3146 Ext. 226

**State:** Maryland  
**Contact:** Librarian  
**Name:** Center for Environmental and Estuarine Studies Library  
**Address:** Horn Point Environmental Lab Library  
University of Maryland  
Box 775  
Cambridge, MD 21613  
**Phone:** (410) 228-8200  
**FAX:** (410) 476-5490  
**Scope:** Books, journals.

**State:** Maryland  
**Contact:** Librarian  
**Name:** Frederick Douglas Library  
**Address:** University of Maryland-Eastern Shore  
Princess Anne, MD 21853  
**Phone:** (410) 651-6621  
**Scope:** Books, monographs, journals, magazines, computer applications, dissertations; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Maryland  
**Contact:** Librarian  
**Name:** University of Maryland-Libraries  
**Address:** College Park, MD 20742-7011  
**Phone:** (301) 405-9274  
**Scope:** Books, monographs, journals, magazines, newsletters, extension publications, audiovisual materials, computer applications; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Massachusetts  
**Contact:** Librarian and Information Specialist  
**Name:** Sea Grant Program Information Center  
**Address:** Massachusetts Institute of Technology  
E38-302  
Cambridge, MA 02139  
**Phone:** (617) 253-5944  
**FAX:** (617) 258-5730  
**Scope:** Journals, audiovisuals, monographs.

**State:** Michigan  
**Contact:** Librarian  
**Name:** Science Library  
**Address:** Michigan State University  
East Lansing, MI 48824  
**Phone:** (517) 355-8494  
**Scope:** Books, monographs, journals, magazines, newsletters, extension publications; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.



**State:** Minnesota  
**Contact:** Librarian  
**Name:** Entomology, Fisheries and Wildlife Library  
**Address:** 375 Hodson Hall  
1980 Follwell Ave.  
St. Paul, MN 55108  
**Phone:** (612) 624-9288  
**Scope:** Aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Mississippi  
**Contact:** Librarian  
**Name:** Alcorn State University  
**Address:** J.D. Boyd Library  
P.O. Box 539  
Lorman, MS 39096  
**Phone:** (601) 877-6350  
**Scope:** Books, monographs, journals, magazines, extension publications, audiovisual materials; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Mississippi  
**Contact:** Librarian  
**Name:** The Gunter Library  
**Address:** Gulf Coast Research Laboratory  
P.O. Box 7000  
Ocean Springs, MS 39564-7000  
**Phone:** (601) 872-4253  
**Scope:** Books, monographs, journals, magazines, newsletters; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Missouri  
**Contact:** Librarian  
**Name:** Ellis Library  
**Address:** Columbia, MO 65201-5149  
**Phone:** (314) 882-1827  
**Scope:** Books, monographs, journals, magazines, FAO technical papers, other; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Missouri  
**Contact:** Librarian  
**Name:** Inman E. Page Library  
**Address:** 820 Chestnut St.  
Jefferson City, MO 65101  
**Phone:** (314) 681-5509  
**Scope:** Books, monographs, journals, magazines, government documents; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Montana  
**Contact:** Librarian  
**Name:** Libraries  
**Address:** Montana State University  
Bozeman, MT 59717  
**Phone:** (406) 994-5311  
**Scope:** Books, monographs, journals, magazines, extension publications, computer applications; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Nebraska  
**Contact:** Librarian  
**Name:** C.Y. Thompson Library  
**Address:** University of Nebraska-Lincoln  
38th and Holdrege Sts.  
Lincoln, NE 68583-0717  
**Phone:** (402) 472-2802  
**FAX:** (402) 472-7005  
**Scope:** Books, monographs, journals, magazines, extension publications; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Nevada  
**Contact:** Librarian  
**Name:** Life and Health Sciences Library  
**Address:** University of Nevada  
Reno, NV 89557  
**Phone:** (702) 784-6616  
**Scope:** Books, monographs, CD-ROMs; aquaculture information services provided to affiliated and non-affiliated clients.

**State:** New Jersey  
**Contact:** Librarian  
**Name:** Library of Science and Medicine-Rutgers University  
**Address:** P.O. Box 1029  
Piscataway, NJ 08855-1029  
**Phone:** (908) 932-3850  
**Scope:** Books, monographs, journals, magazines, in-house publications; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** New Mexico  
**Contact:** Librarian  
**Name:** University Library  
**Address:** New Mexico State University  
Box 30006  
Las Cruces, NM 88003-0006  
**Phone:** (505) 646-2932  
**Scope:** Books, monographs, journals, magazines, extension publications; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** New York  
**Contact:** Librarian  
**Name:** Albert R. Mann Library  
**Address:** Cornell University  
Ithaca, NY 14853  
**Phone:** (607) 255-2285  
**Scope:** Books, monographs, journals, magazines, newsletters; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** North Carolina  
**Contact:** Librarian  
**Name:** F.D. Bluford Library  
**Address:** North Carolina A&T State University  
Greensboro, NC 27411  
**Phone:** (919) 334-7782  
**Scope:** Books, monographs, government documents; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** North Carolina  
**Contact:** Librarian  
**Name:** North Carolina State University Libraries  
**Address:** Box 7111, NCSU  
Raleigh, NC 27695-7111  
**Phone:** (919) 515-2936  
**Scope:** Books, monographs, journals, magazines, extension publications; aquaculture information services provided to affiliated clients; aquaculture materials are available for on-site use by affiliated clients.

**State:** Oregon  
**Contact:** Librarian  
**Name:** Hatfield Marine Science Center  
**Address:** Oregon State University  
2030 S. Marine Science Dr.  
Newport, OR 97365  
**Phone:** (503) 867-0249  
**Scope:** Books, monographs, journals, magazines, newsletters, extension publications, audiovisuals; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Pennsylvania  
**Contact:** Librarian  
**Name:** Life Sciences Library  
**Address:** Pennsylvania State University  
E205 Pattee  
University Park, PA 16802  
**Phone:** (814) 865-3708  
**Scope:** Books, monographs, journals, magazines; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**Commonwealth:** Puerto Rico  
**Contact:** Librarian  
**Name:** Marine Sciences Collection  
**Address:** University of Puerto Rico  
Mayaguez Campus  
P.O. Box 5000  
Mayaguez, PR 00681-5000  
**Phone:** (809) 265-3838 Ext. 2513 or 3684  
**Scope:** Books, periodicals, U.S. Government documents.

**State:** Rhode Island  
**Contact:** Manager  
**Name:** National Sea Grant Depository  
**Address:** Pell Library Bldg.  
Narragansett Bay Campus  
University of Rhode Island  
Narragansett, RI 02882-1197  
**Phone:** (401) 792-6114  
**Scope:** Books, monographs, journals, audiovisuals, posters, maps, charts,  
government documents, State documents.

**State:** South Carolina  
**Contact:** Head, Reference  
**Name:** Robert Muldrow Cooper Library  
**Address:** Clemson University  
Clemson, SC 29634  
**Phone:** (803) 656-3026  
**FAX:** (803) 656-3025  
**E'mail:** CUREF@clemson.clemson.edu  
**Scope:** Books, journals, U.S. Government documents.

**State:** South Carolina  
**Contact:** Librarian  
**Name:** S.C. Sea Grant Consortium  
**Address:** 287 Meeting St.  
Charleston, SC 29401  
**Phone:** (803) 727-2078  
**Scope:** Books, monographs, journals, magazines, newsletters, extension  
publications, audiovisual materials, in-house publications; aquaculture  
information services provided to affiliated and non-affiliated clients;  
aquaculture materials are available for on-site use by affiliated and  
non-affiliated clients.

**State:** Texas  
**Contact:** Librarian  
**Name:** Sterling C. Evans Library  
**Address:** Texas A&M University (TAMU)  
College Station, TX 77843-5000  
**Phone:** (409) 845-5741  
**Scope:** Books, monographs, journals, magazines, newsletters, extension  
publications, audiovisuals, in-house publications, computer applications,  
indexes, abstracts; aquaculture information services provided to affiliated  
and non-affiliated clients; aquaculture materials are available for on-site use  
by affiliated clients.

**State:** Vermont  
**Contact:** Librarian  
**Name:** Bailey/Howe Library  
**Address:** University of Vermont  
Burlington, VT 05405  
**Phone:** (802) 656-1950  
**Scope:** Aquaculture information services provided to affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Virginia  
**Contact:** Librarian  
**Name:** Johnston Memorial Library  
**Address:** Virginia State University  
P.O. Box 9406  
Petersburg, VA 23806  
**Phone:** (804) 524-5582  
**Scope:** Aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Virginia  
**Contact:** Librarian  
**Name:** University Libraries  
**Address:** Virginia Polytechnic and State University  
P.O. Box 90001  
Blacksburg, VA 24061-9001  
**Phone:** (703) 231-9248  
**Scope:** Books, monographs, journals, magazines, newsletters, extension publications; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

**State:** Washington  
**Contact:** Librarian  
**Name:** Science and Engineering Library  
**Address:** Washington State University  
Pullman, WA 99164-3200  
**Phone:** (509) 335-4181  
**Scope:** Books, monographs, journals, magazines; aquaculture information services provided to affiliated and non-affiliated clients; aquaculture materials are available for on-site use by affiliated and non-affiliated clients.

## Section II: Federal and State Libraries

Please contact the library prior to your visit to determine the extent of services that are provided to non-affiliated clients. Many facilities are unstaffed. Some of the information provided was based on a survey completed by the Aquaculture Information Center in 1992.

- State:** Alabama
- Contact:** Secretary/Librarian  
**Name:** Gulf Coast Seafood Laboratory  
**Address:** Food and Drug Administration  
Box 158  
Dauphin Island, AL 36528  
**Phone:** (205) 694-4480
- State:** Alaska
- Contact:** Librarian  
**Name:** Alaska Fish and Game Library  
**Address:** P.O. Box 240020  
Douglas, AK 99824  
**Phone:** (907) 465-4119  
**FAX:** (907) 586-9522  
**Scope:** Books, U.S. Government documents, State documents, theses, periodicals.
- State:** Alaska
- Contact:** Director  
**Name:** National Marine Fisheries Service  
**Address:** W.F. Thompson Memorial Library  
P.O. Box 1638  
Kodiak, AK 99615  
**Phone:** (907) 487-4961  
**Scope:** Books, U.S. Government documents, State documents, periodicals; in-house use only.
- State:** Alaska
- Contact:** Librarian  
**Name:** National Marine Fisheries Service, Auke Bay Fisheries Laboratory Library  
**Address:** 11305 Glacier Hwy.  
Juneau, AK 99801-8626  
**Phone:** (907) 789-6009 or 789-6010  
**Scope:** Books, monographs, journals, magazines, newsletters, extension publications.

**State:** Arizona  
**Contact:** Librarian  
**Name:** Arizona Game and Fish Library  
**Address:** 2221 W. Greenway Rd.  
Phoenix, AZ 85023  
**Phone:** (602) 942-3000  
**FAX:** (602) 789-3920  
**Scope:** Books, periodicals, documents, theses, audiovisuals.

**State:** Arkansas  
**Contact:** Director  
**Name:** Fish Farming Experimental Station Library  
**Address:** U.S. Fish and Wildlife Service  
Box 860  
Stuttgart, AR 72160  
**Phone:** (501) 673-8761

**State:** California  
**Contact:** Librarian  
**Name:** California Resources Agency Library  
**Address:** 1416 9th St. Rm. 117  
Sacramento, CA 95814  
**Phone:** (916) 653-2225  
**Scope:** Books, periodicals, U.S. Government documents, State documents, theses, PhD dissertations; limited access, limited hours.

**State:** California  
**Contact:** Librarian  
**Name:** Southwest Fisheries Science Center Library  
**Address:** National Marine Fisheries Service  
P.O. Box 271  
8604 La Jolla Shores Dr.  
La Jolla, CA 92038-0271  
**Phone:** (619) 546-7038  
**FAX:** (619) 546-7003  
**E'mail:** (Omnet) nmfs.sw.library  
**Scope:** Books, monographs, journals, magazines, newsletters, technical reports, fiche, CD-ROMS, posters, maps.



**State:** California  
**Contact:** Librarian  
**Name:** Tiburon Laboratory Library  
**Address:** National Marine Fisheries Service  
S.W. Fisheries Center  
3150 Paradise Dr.  
Tiburon, CA 94920  
**Phone:** (415) 435-3149  
**Scope:** Books, monographs, journals, magazines, CD-ROMS; Restricted use, by appointment only.

**State:** Colorado  
**Contact:** Librarian  
**Name:** Colorado Division of Wildlife  
**Address:** Film Library  
6060 Broadway  
Denver, CO 80216  
**Phone:** (303) 291-7319  
**Scope:** Books, periodicals, U.S. Government documents, theses, audiovisuals.

**State:** Colorado  
**Contact:** Librarian  
**Name:** Colorado Division of Wildlife Library  
**Address:** 317 W. Prospect  
Fort Collins, CO 80526-2097  
**Phone:** (303) 484-2836 x370  
**FAX:** (303) 490-2621  
**Scope:** Books, State documents, theses, periodicals, U.S. Government documents, audiovisuals.

**State:** Connecticut  
**Contact:** Librarian  
**Name:** Milford Laboratory Library  
**Address:** National Marine Fisheries Service  
212 Rogers Ave.  
Milford, CT 06460  
**Phone:** (203) 783-4234  
**Scope:** Limited access.

**State:** Florida  
**Contact:** Librarian  
**Name:** Florida Geological Survey Library  
**Address:** 903 W. Tennessee St.  
Tallahassee, FL 32304  
**Phone:** (904) 488-9380  
**FAX:** (904) 488-8086  
**Scope:** Books, periodicals, U.S. Government documents, State documents, theses  
audiovisuals.

**State:** Florida  
**Contact:** Head Librarian  
**Name:** Miami Laboratory Library  
**Address:** Southeast Fisheries Center  
National Marine Fisheries Service  
75 Virginia Beach Dr.  
Miami, FL 33149  
**Phone:** (305) 361-4229

**State:** Florida  
**Contact:** Librarian  
**Name:** Panama City Laboratory Library  
**Address:** Southeast Fisheries Center  
National Marine Fisheries Service  
3500 Delwood Beach Rd.  
Panama City, FL 32407-7497  
**Phone:** (904) 234-6541

**State:** Florida  
**Contact:** Librarian  
**Name:** U.S. National Oceanic and Atmospheric Administration  
**Address:** Miami Library  
4301 Rickenbacker Causeway  
Miami, FL 33149  
**Phone:** (305) 361-4429  
**FAX:** (305) 361-4429  
**Scope:** Books, monographs, journals, magazines, newsletters, extension publica-  
tions, in-house publications.

**State:** Georgia  
**Contact:** Librarian  
**Name:** Gray's Reef National Marine Sanctuary  
**Address:** National Oceanic and Atmospheric Administration  
#30 Ocean Science Circle  
P.O. Box 13687  
Savannah, GA 31411  
**Phone:** (912) 598-2345

**State:** Georgia  
**Contact:** Librarian  
**Name:** Skidaway Institute of Oceanography Library  
**Address:** P.O. Box 13687  
Savannah, GA 31416  
**Phone:** (912) 356-2474

**State:** Hawaii  
**Contact:** Librarian  
**Name:** Hawaii Division of Aquatic Resources  
**Address:** Anuenue Fisheries Research Center Library  
Area 4, Sand Island  
Honolulu, HI 96819  
**Phone:** (808) 845-9561  
**FAX:** (808) 845-4334  
**Scope:** Books, periodicals, U.S. Government documents, State documents, theses, audiovisuals.

**State:** Hawaii  
**Contact:** Librarian  
**Name:** National Marine Fisheries Service, S.W. Fisheries Center  
**Address:** Honolulu Laboratory Library  
2570 Dole St.  
Honolulu, HI 96822-2396  
**Phone:** (808) 943-1221

**State:** Idaho  
**Contact:** Librarian  
**Name:** Idaho Fish and Game Library  
**Address:** P.O. Box 25  
600 South Walnut  
Boise, ID 83707  
**Phone:** (208) 334-4697  
**FAX:** (208) 334-2114  
**Scope:** Books, U.S. Government documents, State documents, theses, audiovisuals, periodicals.

**State:** Iowa  
**Contact:** Librarian  
**Name:** Iowa Department of Natural Resources  
**Address:** Wallace State Office Bldg.  
Des Moines, IA 50319-0034  
**Phone:** (515) 242-5818  
**FAX:** (515) 281-8895  
**Scope:** Books, periodicals, U.S. Government documents, State documents, theses, audiovisuals.

**State:** Kansas  
**Contact:** Librarian  
**Name:** Kansas Reference Center  
**Address:** 512 S.E. 25th Ave.  
Pratt, KS 67124-8174  
**Phone:** (316) 672-5911 x209  
**FAX:** (316) 672-6020  
**Scope:** Employee in-house use only.

**State:** Kentucky  
**Contact:** Biologist  
**Name:** Kentucky Department of Fish and Wildlife Resources  
**Address:** Fish Lab, #1 Game Farm Rd.  
Frankfort, KY 40601  
**Phone:** (502) 564-5448  
**Scope:** Books, periodicals, U.S. Government documents, State documents, theses, audiovisuals.

**State:** Louisiana  
**Contact:** Librarian  
**Name:** Louisiana Department of Wildlife and Fisheries Library  
**Address:** P.O. Box 98000  
Baton Rouge, LA 70898-9000  
**Phone:** (504) 765-2934  
**FAX:** (504) 765-2818  
**Scope:** Books, audiovisuals, periodicals, U.S. Government documents, State documents, theses.

**State:** Maine  
**Contact:** Librarian  
**Name:** Maine Department of Inland Fisheries and Wildlife  
**Address:** Wildlife Library  
650 State St.  
Bangor, ME 04401-5654  
**Phone:** (207) 941-4466  
**Scope:** Books, periodicals, U.S. Government documents, State documents, theses, audiovisuals.

**State:** Maryland  
**Contact:** Librarian/Technical Information Specialist  
**Name:** Aquaculture Information Center  
**Address:** National Agricultural Library (NAL)  
10301 Baltimore Blvd.  
Beltsville, MD 20705-2351  
**Phone:** (301) 504-5558  
**FAX:** (301) 504-6409  
**E'mail:** aic@nalusda.gov  
**Bul. Board:** Agricultural Library Forum (ALF)  
(2400 baud, 8 data bits, no parity, 1 stop bit)  
Modem: 301-504-5496 or 504-5497 or 504-5111 or 504-6510  
**Scope:** Books, periodicals, U.S. Government documents, USDA publications, State documents, audiovisuals all specifically on aquaculture. [See also Section IX: Federal Agencies and Administrative Offices; U.S. Department of Agriculture, National Agricultural Library]

**State:** Maryland  
**Contact:** Librarian  
**Name:** Fish and Wildlife Reference Service  
**Address:** 5430 Grosvenor Lane, Ste. 110  
Bethesda, MD 20814  
**Phone:** 1-800-582-3421, (301) 492-6403  
**FAX:** (301) 564-4059  
**Scope:** State reports under Fish and Wildlife Legislative Acts, AID program (unpublished), some Fish and Wildlife Service Reports.

**State:** Maryland  
**Contact:** Director  
**Name:** Medical Library, HFN-98  
**Address:** Center for Drugs and Biologics  
Food and Drug Administration  
5600 Fishers Lane, Rm 11B-07  
Rockville, MD 20857  
**Phone:** (301) 443-3180

**State:** Maryland  
**Contact:** Director  
**Name:** National Atmospheric and Oceanic Administration Central Library  
**Address:** 1315 East West Hwy.  
2nd Floor, SSMC3  
Silver Spring, MD 20910  
**Phone:** (301) 713-2607  
**FAX:** (301) 713-4598  
**Scope:** Books, periodicals, U.S. Government documents, National Atmospheric and Oceanic Administration documents.

**State:** Maryland  
**Contact:** Librarian  
**Name:** Office of Ocean and Coastal Resources  
**Address:** East West Hwy.  
SSMC4 Rm. 10202  
Silver Spring, MD 20910  
**Phone:** (301) 713-3094

**State:** Maryland  
**Contact:** Librarian  
**Name:** Oxford Laboratory Library  
**Address:** Northeast Fisheries Center  
National Marine Fisheries Service  
Oxford, MD 21654  
**Phone:** (410) 226-5193 Ext. 34

**State:** Massachusetts  
**Name:** Massachusetts Division of Fisheries and Wildlife Library  
**Address:** Field Headquarters  
1 Rabbit Hill Rd.  
Westborough, MA 01581  
**Phone:** (508) 792-7270  
**FAX:** (508) 792-7295

**State:** Massachusetts  
**Contact:** Librarian  
**Name:** Northeast Region  
**Address:** National Oceanic and Atmospheric Administration  
Fisheries Library  
One Blackburn Dr.  
Gloucester, MA 01930  
**Phone:** (508) 281-9300 Ext. 404  
**Scope:** Journals, magazines, newsletters, computer applications.

**State:** Massachusetts  
**Contact:** Librarian  
**Name:** Northeast Fisheries Center  
**Address:** Woods Hole Laboratory Library  
National Marine Fisheries Service  
166 Water St.  
Woods Hole, MA 02543  
**Phone:** (508) 548-5123

**State:** Michigan  
**Contact:** Librarian  
**Name:** Fisheries Division Library  
**Address:** Michigan Department of Natural Resources  
212 Museums Annex Bldg.  
Lansing, MI 48109-1084  
**Phone:** (313) 663-3554  
**Scope:** Library is for staff use only.

**State:** Minnesota  
**Contact:** Director or Reference Librarian  
**Name:** Minnesota Department of Natural Resources Library  
**Address:** 500 Lafayette Rd., Box 21  
St. Paul, MN 55155-4021  
**Phone:** (612) 296-1305  
**FAX:** (612) 296-3500  
**Scope:** Books, U.S. Government documents, State documents, theses, PhD dissertations, periodicals, audiovisuals.

**State:** Mississippi  
**Contact:** Librarian  
**Name:** Mississippi Museum of Natural Science  
**Address:** Library  
111 N. Jefferson St.  
Jackson, MS 39202  
**Phone:** (601) 354-7303  
**FAX:** (601) 354-7227  
**Scope:** Books, U.S. Government documents, State documents, theses, audiovisuals, periodicals.

**State:** Mississippi  
**Contact:** Librarian  
**Name:** Pascagoula Laboratory Library  
**Address:** National Marine Fisheries Service  
3209 Frederic St.  
Pascagoula, MS 39567  
**Phone:** (601) 762-4591 Ext. 64

**State:** Missouri  
**Contact:** Librarian  
**Name:** Missouri Department of Conservation  
**Address:** Media Library  
2901 W. Truman Blvd.  
Jefferson City, MO 65109  
**Phone:** (314) 751-4115 Ext. 205  
**Scope:** Books, periodicals, U.S. Government documents, State documents, theses, PhD dissertations, audiovisuals.



**State:** Montana  
**Contact:** Librarian  
**Name:** Fish Technology Center  
**Address:** U.S. Fish and Wildlife Service  
4050 Bridger Canyon Rd.  
Bozeman, MT 59715  
**Phone:** (406) 587-9265

**State:** Montana  
**Contact:** Librarian  
**Name:** Montana Department of Fish, Wildlife and Parks  
**Address:** 1420 6th Ave.  
P.O. Box 200701  
Helena, MT 59620-0701  
**Phone:** (406) 444-3187  
**FAX:** (406) 444-4952  
**Scope:** Library contains fisheries materials only.

**State:** Nebraska  
**Name:** Librarian  
**Name:** Nebraska Game and Parks Commission  
**Address:** P.O. Box 30370  
2200 N. 33rd  
Lincoln, NE 68503  
**Phone:** (402) 471-5587  
**FAX:** (402) 471-5528  
**Scope:** Books, U.S. Government documents, State documents, periodicals, theses, PhD dissertations.

**State:** New Hampshire  
**Contact:** Librarian  
**Name:** New Hampshire Fish and Game  
**Address:** 2 Hazen Dr.  
Concord, NH 03301  
**Phone:** (603) 271-2501  
**Scope:** New library in process.

**State:** New Jersey  
**Contact:** Librarian  
**Name:** National Marine Fisheries Service  
**Address:** Sandy Hook Laboratory  
Lionel A. Walford Library  
Bldg. 74  
Highlands, NJ 07732  
**Phone:** (908) 872-3000 Ext. 3045 or 3035

**State:** New York  
**Contact:** Librarian  
**Name:** New York Department of Environmental Conservation  
**Address:** Wildlife Library  
50 Wolf Rd., Rm. 526  
Albany, NY 12233-4754  
**Phone:** (518) 457-4480  
**Scope:** Library is principally for use by staff; loans made via special arrangement on a limited basis.

**State:** New York  
**Contact:** Library Director  
**Name:** Tunnison Laboratory of Fish Nutrition  
**Address:** U.S. Fish and Wildlife Service  
3075 Gracie Rd.  
Cortland, NY 13045  
**Phone:** (607) 753-9391

**State:** North Carolina  
**Contact:** Librarian  
**Name:** National Marine Fisheries Service  
**Address:** Southeast Fisheries Center  
Beaufort Laboratory Library  
Rice Library  
101 Pivers Island Rd.  
Beaufort, NC 28516-9722  
**Phone:** (919) 728-8713  
**FAX:** (919) 728-8784  
**Scope:** Books, monographs, journals, magazines.

---

**State:** Pennsylvania

**Contact:** Librarian

**Name:** Pennsylvania Game Commission

**Address:** Library  
2001 Elmerton Ave.  
Harrisburg, PA 17110-9797

**Phone:** (717) 787-9229

**FAX:** (717) 772-2411

**Scope:** Books, periodicals, U.S. Government documents, State documents, theses, audiovisuals.

**Common-wealth:** Puerto Rico

**Contact:** Librarian

**Name:** Puerto Rico Department of Natural Resources

**Address:** Library  
Box 5887  
Puerta de Tierra, PR 00906

**Phone:** (809) 724-8774

**Scope:** Books, U.S. Government documents, State documents, theses, periodicals, audiovisuals.

**State:** Rhode Island

**Contact:** Manager

**Name:** National Sea Grant Depository

**Address:** University of Rhode Island Bay Campus  
Pell Library Bldg.  
Narragansett, RI 02882

**Phone:** (401) 792-6114

**State:** South Carolina

**Contact:** Librarian

**Name:** National Atmospheric and Oceanic Administration

**Address:** Southeast Fisheries Center  
Charleston Laboratory Library  
P.O. Box 12607  
Charleston, SC 29422

**Phone:** (803) 762-1200 Ext. 1985

**State:** South Carolina  
**Contact:** Librarian  
**Name:** South Carolina Marine Resources Division Library  
**Address:** P.O. Box 12559  
Charleston, SC 29412  
**Phone:** (803) 762-5026  
**FAX:** (803) 762-5110

**State:** South Carolina  
**Contact:** Librarian  
**Name:** South Carolina State Wildlife and Marine  
Resources Department Library  
**Address:** Box 12559  
Charleston, SC 29412  
**Phone:** (803) 762-5026

**State:** South Dakota  
**Contact:** Librarian  
**Name:** South Dakota Department of Game, Fish and Parks  
**Address:** Joe Foss Bldg.  
523 E. Capitol  
Pierre, SD 57501-3185  
**Phone:** (605) 773-3718  
**Scope:** Library is for in-house use only.

**State:** Tennessee  
**Contact:** Librarian  
**Name:** Tennessee Valley Authority  
**Address:** Corporate Library  
400 W. Summit Hill Dr.  
WT 3C-K  
Knoxville, TN 37902  
**Phone:** (615) 632-3464

**State:** Texas  
**Contact:** Librarian  
**Name:** National Oceanic and Atmospheric Administration  
National Marine Fisheries Service  
**Address:** Galveston Laboratory  
4700 Ave. U  
Galveston, TX 77551-5997  
**Phone:** (409) 766-3509  
**Scope:** Books, periodicals, NOAA documents, Fish and Wildlife documents, microfiche. Library use by appointment only.

**State:** Texas  
**Contact:** Librarian  
**Name:** Texas Parks and Wildlife Department  
**Address:** Library  
4200 Smith School Rd.  
Austin, TX 78744  
**Phone:** (512) 389-4960  
**FAX:** (512) 389-4450  
**Scope:** Books, U.S. Government documents, State documents, theses, periodicals, audiovisuals.

**State:** Utah  
**Contact:** Librarian  
**Name:** Utah Division of Wildlife Resources  
**Address:** 1596 W North Temple  
Salt Lake City, UT 84116-3195  
**Phone:** (801) 538-4728  
**FAX:** (801) 538-4709  
**Scope:** Books, periodicals, U.S. Government documents, State documents, theses, audiovisuals. Library open only to State employees.

**Territory:** Virgin Islands  
**Contact:** Librarian  
**Name:** Virgin Islands Department of Planning and Natural Resources  
**Address:** Ste. 231 Nisky Center  
St. Thomas, VI 00803  
**Phone:** (809) 774-3407  
**Scope:** New library is in process.

**State:** Virginia  
**Contact:** Librarian  
**Name:** The Cousteau Society  
**Address:** 870 Greenbrier Circle  
Ste. 402  
Chesapeake, VA 23320  
**Phone:** (804) 523-9335  
**FAX:** (804) 523-2747  
**Scope:** Books, monographs, journals, magazines, extension publications, in-house publications.

**State:** Washington  
**Contact:** Librarian  
**Name:** National Oceanic and Atmospheric Administration  
**Address:** Library, E/OC43  
7600 Sand Point Way  
N.E. Bldg. 3  
Seattle, WA 98115  
**Phone:** (206) 526-6241

**State:** Washington  
**Contact:** Librarian  
**Name:** Natural Resources Building Library  
**Address:** 111 Washington St. S.E. MS 47000A  
P.O. Box 47000  
Olympia, WA 98504-7000  
**Phone:** (206) 902-2992  
**E'mail:** wsl-nrb@win.com  
**Scope:** Books, periodicals, U.S. Government documents, State documents, theses, audiovisuals.

**State:** Washington  
**Contact:** Director  
**Name:** Research and Information Center  
**Address:** Abernathy Salmon Culture Technology Center  
U.S. Fish and Wildlife Service  
1440 Abernathy Rd.  
Longview, WA 98632  
**Phone:** (206) 425-6072  
**FAX:** (206) 636-1855

**State:** West Virginia  
**Contact:** Technical Information Officer  
**Name:** National Fisheries Center  
**Address:** Technical Information Services  
U.S. Fish and Wildlife Service  
Box 700  
Kearneysville, WV 25430  
**Phone:** (304) 725-8461

**State:** Wisconsin  
**Contact:** Technical Information Officer  
**Name:** National Biological Survey Library  
**Address:** U.S. Fish and Wildlife Service  
Box 818  
La Crosse, WI 54602-0818  
**Phone:** (608) 783-6451  
**FAX:** (608) 783-6066  
**Scope:** Books, periodicals.

**State:** Wisconsin  
**Contact:** Librarian  
**Name:** Wisconsin Department of Natural Resources Library  
**Address:** 101 S. Webster  
P.O. Box 7921  
Madison, WI 53707  
**Phone:** (608) 266-8933  
**FAX:** (608) 264-6293  
**Scope:** Books, U.S. Government documents, State documents, theses, audiovisuals, periodicals.

**State:** Wisconsin  
**Contact:** Librarian  
**Name:** Wisconsin Department of Natural Resources  
**Address:** Research Library  
1350 Femrite Dr.  
Monona, WI 53716-3736  
**Phone:** (608) 221-6325  
**FAX:** (608) 221-6353  
**Scope:** Books, U.S. Government documents, State documents, theses, periodicals, audiovisuals.

**State:** Wyoming  
**Contact:** Librarian  
**Name:** Wyoming Game and Fish Library  
**Address:** 5400 Bishop Blvd.  
Cheyenne, WY 82006  
**Phone:** (307) 777-4541  
**FAX:** (307) 777-4610  
**Scope:** Books, periodicals, U.S. Government documents, State documents, these  
audiovisuals.



### Section III: Journals and Newsletters

The list which follows is selective and not meant to be comprehensive. Many other journals and newsletters exist which cover various topics on aquaculture. New journal titles are published annually. Many of these are also available at large public and university libraries. Unlike other listings in this guide, this section lists resources alphabetically by title rather than by geographic location.

**Name:** AFS Southern Division Newsletter

**Address:** Braven Beauty, Editor  
Department of Fisheries and Wildlife Sciences  
Virginia Tech  
Blacksburg, VA 24061

**Phone:** (703) 231-5320

**Frequency:** Biannually

**Name:** Agricultural Economic Notes

**Address:** U.S. Department of Agriculture  
Mississippi Cooperative Extension Service  
Mississippi State University, MS 39762

**Name:** Alabama Catfish Producer

**Address:** Alabama Farmers Federation  
Attn: Jimmy Carlisle  
Catfish Division  
P.O. Box 11000  
Montgomery, AL 36191

**Phone:** (205) 613-4217

**FAX:** (205) 284-3957

**Name:** Alabama Seafood Report

**Address:** U.S. Department of Agriculture  
Alabama Cooperative Extension Service  
Duncan Hall  
Auburn University, AL 36849  
OR  
Brian Perkins  
AUMERC  
4170 Commanders Dr.  
Mobile, AL 36615-1413

**Phone:** Brian Perkins, (205) 438-5690

**FAX:** Brian Perkins, (205) 438-5670

**Name:** Alaska Mariculture Report

**Address:** Alaska Mariculture Association  
130 Seward St., Ste. 201  
Juneau, AK 99801

**Phone:** (907) 463-3600

**Frequency:** Monthly

**Name:** Alaska Marine Resource Quarterly

**Address:** Marine Advisory Program  
University of Alaska  
2221 E. Northern Lights  
Carlton Trust Bldg., Ste. 110  
Anchorage, AK 99508-4140

**Phone:** (907) 274-9691

**Frequency:** Quarterly

**Name:** American Tilapia Association

**Address:** Curtis Stutzman, Editor  
4943 Cosgrove Rd., S.W.  
Kalona, IA 52247

**Name:** Aqua

**Address:** Blackwell Scientific Publications  
Journal Subscriptions Department  
Marston Book Services  
P.O. Box 87  
Oxford, OX20E1, UK

**Phone:** 44-865-791-927

**Name:** Aquaculture

**Address:** Elsevier Science Publishing Co., Inc.  
Journal Information Center  
655 Avenue of the Americas  
New York, NY 10010

**Phone:** (212) 633-3750

**Name:** Aquaculture and Fisheries

**Address:** Guam Cooperative Extension Service  
College of Agriculture and Life Sciences  
University of Guam  
UOG Station  
Mangilao, GU 96923

**Name: Aquaculture and Fisheries Management**

**Address:** Blackwell Scientific Publications  
Journal Subscriptions Department  
Marston Book Services  
P.O. Box 87  
Oxford, OX20E1, UK

**Phone:** 44-865-791-927

**Name: Aquacultural Engineering**

**Address:** Elsevier Science Publishing Co., Inc.  
Journal Information Center  
655 Avenue of the Americas  
New York, NY 10010

**Phone:** (212) 633-3750

**Name: Aquaculture in Hawaii**  
**See: Hawaii Aquaculture**

**Name: The Aquaculture Industry: An Analyst's Report**

**Address:** The Davlin Corporation  
P.O. Box 800  
Pauma Valley, CA 92061-0800

**Phone:** (619) 742-4200

**FAX:** (619) 742-4251

**Frequency:** Intermittent

**Name: Aquaculture Magazine**

**Address:** Subscription Department  
P.O. Box 2329  
Asheville, NC 28802

**Phone:** (704) 254-7334

**Frequency:** Bimonthly

**Name: Aquaculture Newsletter International**

**Address:** 3 Pinefield  
Weston, CT 06883

**Phone:** 1-800-NATURE2

**FAX:** (203) 221-8269

**Frequency:** Monthly

**Name:** Aquaculture Situation and Outlook Report

**Address:** U.S. Department of Agriculture  
Economic Research Service  
1301 New York Ave. N.W.  
Washington, DC 20005-4788

**Phone:** 1-800-999-6779

**FAX:** (703) 834-0110

**Frequency:** Biannually

**Name:** Aquaculture Today

**Address:** 831 Helmcken St.  
Vancouver, BC  
CANADA V6Z 1B1

**Phone:** (604) 689-4391

**Frequency:** Quarterly

**Name:** Aquafarm Letter

**Address:** Box 14260  
Benjamin Franklin Station  
Washington, DC 20044

**Frequency:** Biweekly

**Name:** Aquanotes

**Address:** Communications Office  
Louisiana Sea Grant College Program  
Louisiana State University  
Baton Rouge, LA 70803-7507

**Frequency:** Quarterly

**Name:** Aquaphyte

**Address:** University of Florida  
Center for Aquatic Plants  
Institute of Food and Agricultural Sciences  
7922 N.W. 71st St.  
Gainesville, FL 32606

**Phone:** (904) 392-9613

**Frequency:** Quarterly

---

**Name:** Aquatic Botany  
**Address:** Elsevier Science Publishing Co., Inc.  
Journal Information Center  
655 Avenue of the Americas  
New York, NY 10010  
**Phone:** (212) 633-3750

**Name:** Aquatic Plant Control Research Program  
**Address:** Department of the Army  
Corps of Engineers  
Waterways Experiment Station  
3309 Halls Ferry Rd.  
Vicksburg, MS 39180-6199  
**Frequency:** Intermittent

**Name:** Aquatic Toxicology  
**Address:** Elsevier Science Publishing Co., Inc.  
Journal Information Center  
655 Avenue of the Americas  
New York, NY 10010  
**Phone:** (212) 633-3750

**Name:** Aquatics  
**Address:** P.O. Box 24680  
West Palm Beach, FL 33416  
**Frequency:** Quarterly

**Name:** Arkansas Aquafarming  
**Address:** Cooperative Extension Service  
University of Arkansas  
1201 McAlmont, P.O. Box 391  
Little Rock, AR 72203  
**Frequency:** 6x/yr

**Name:** Atlantic Fish Farming  
**Address:** Island Press, Ltd.  
P.O. Box 790  
Montague, PEI  
CANADA C0A 1R0  
**Phone:** (902) 838-2515  
**FAX:** (902) 838-4392  
**Frequency:** Monthly

**Name:** Bioengineering Newsletter  
**Address:** American Fisheries Society  
5410 Grosvenor Lane, Ste. 110  
Bethesda, MD 20814

**Name:** CTAS Report  
**Address:** College of Tropical Agriculture and Science  
P.O. Box 1179  
Kolonias, Pohnpei, FSM 96941

**Name:** California Aquaculture  
**Address:** Aquaculture Extension  
University of California  
Davis, CA 95616  
**Phone:** (916) 752-7490

**Name:** California Aquatic Farming  
**Address:** California Aquaculture Association  
P.O. Box 1004  
Niland, CA 92257  
**Phone:** (619) 359-FISH  
**Frequency:** Quarterly

**Name:** Canadian Journal of Fisheries and Aquatic Sciences  
**Address:** Research Journals  
National Research Council of Canada  
Ottawa, ON, Canada K1A 0R6  
**Phone:** (613) 993-9084  
**FAX:** (613) 952-7656  
**Frequency:** Monthly

**Name:** Catfish Farmers of Arkansas Newsletter  
**Address:** 31 Linda Lane W.  
Vilonia, AR 72173  
**Phone:** (501) 796-2539  
**FAX:** (501) 796-2539  
**Frequency:** Quarterly

---

**Name:** **Catfish Journal (The)**

**Address:** P.O. Box 55648  
Jackson, MS 39296

**Phone:** (601) 956-6702

**FAX:** (601) 956-4047

**Frequency:** Monthly

**Name:** **Catfish Processing Report**

**Address:** Agricultural Statistics Board  
USDA-NASS ED LD&PB  
5906 South Building  
Washington, DC 20277-2585

**Phone:** 1-800-999-6779

(202) 720-3244

**Frequency:** Monthly

**Name:** **Catfish Production Report**

**Address:** Agricultural Statistics Board  
USDA-NASS ED LD&PB  
5906 South Building  
Washington, DC 20277-2585

**Phone:** 1-800-999-6779

(202) 720-6147

**Frequency:** Quarterly

**Name:** **Coast and Sea**

**Address:** Office of Communications  
Louisiana Sea Grant Program  
Louisiana State University  
Baton Rouge, LA 70803-4507

**Phone:** (508) 388-6448

**Frequency:** Quarterly

**Name:** **Coastal Educator News**

**Address:** New Sea Grant, Farm and Home Center  
21 S. Grove St.  
East Aurora, NY 14052-2398

**Frequency:** 6x/yr

**Name:** Coastal Heritage  
**Address:** South Carolina Sea Consortium  
287 Meeting St.  
Charleston, SC 29401  
**Phone:** (803) 727-2078  
**Frequency:** Quarterly

**Name:** Coastlines  
**Address:** New York Sea Grant  
117 Nassau Hall  
SUNY at Stony Brook  
Stony Brook, NY 11794-5001  
**Frequency:** Annually

**Name:** Commercial Fisheries News  
**Address:** P.O. Box 37  
Stonington, ME 04681  
**Phone:** (207) 367-2396  
**FAX:** (207) 367-2490

**Name:** Delaware Sea Grant Reporter  
**Address:** University of Delaware  
Sea Grant College Program  
Newark, DE 19716

**Name:** Ecological Modelling  
**Address:** Elsevier Science Publishing Co., Inc.  
Journal Information Center  
655 Avenue of the Americas  
New York, NY 10010  
**Phone:** (212) 633-3750  
**FAX:** (212) 633-3764  
**Frequency:** Monthly

**Name:** Environmental Biology of Fishes  
**Address:** Kluwer Academic Publishers  
101 Philip Dr.  
Norwell, MA 02061  
**Frequency:** Quarterly



**Name: Farm Pond Harvest**

**Address:** 1390 N 14500 E. Rd.  
Momence, IL 60954

**Phone:** (815) 472-2686

**Name: Fish Farm News (The)**

**Address:** RR4, Site 465 C-37  
Courtenay, B.C. V9N 7J3  
Canada

**Phone:** (604) 338-2455

**Name: Fish Farming International**

**Address:** Mead House  
21 John St.  
London WC1N 2BP  
ENGLAND

**Frequency:** Monthly

**Phone:** (813) 346-2290

**Name: Fish Farming News**

**Address:** P.O. Box 37  
Stonington, ME 04681

**Phone:** (207) 367-2396

**FAX:** (207) 367-2490

**Frequency:** Bimonthly

**Name: Fish Health Section Newsletter**

**Address:** American Fisheries Society  
5410 Grosvenor Lane, Ste. 110  
Bethesda, MD 20814

**Phone:** (301) 897-8616

**Frequency:** Quarterly

**Name: Fisheries**

**Address:** American Fisheries Society  
5410 Grosvenor Lane  
Ste. 110  
Bethesda, MD 20814

**Phone:** (301) 897-8616

**Frequency:** Monthly

**Name:** Fisheries and Aquaculture Newsletter

**Address:** Frank Dalziel  
Aquaculture and Fisheries Department  
Malaspina University College  
900 Fifth St.  
Nanaimo, BC V9R 5S5  
CANADA

**Phone:** (604) 741-8739

**Frequency:** Intermittent

**Name:** Fisheries and Oceanography

**Address:** Blackwell Scientific Publications  
Journal Subscriptions Department  
Marston Book Services  
P.O. Box 87  
Oxford, OX20E1, UK

**Phone:** 44-865-791-927

**Name:** Fisheries Product News

**Address:** P.O. Box 37  
Stonington, ME 04681-9988

**Phone:** (207) 367-2396

**FAX:** (207) 367-2490

**Frequency:** Bimonthly

**Name:** Fisheries Review

**Address:** USDI/USFWS  
The Government Printing Office  
Superintendent of Documents  
Washington, DC 20402

**Name:** Florida Aquaculture Association Newsletter

**Address:** P.O. Box 1519  
Winter Haven, FL 33882

**Phone:** (813) 293-5710

**Frequency:** Biannually

**Name:** Forestry-Wildlife and Fisheries

**Address:** Forestry-Wildlife-Fisheries Bldg.  
Louisiana State University  
Baton Rouge, LA 70803-6200

**Name:** **Fresh Tales**

**Address:** Washington Farm Salmon Commission  
P.O. Box 5305  
Bellingham, WA 98227

**Phone:** (206) 671-1997

**Frequency:** Bimonthly

**Name:** **Fresh Water Biology**

**Address:** Blackwell Scientific Publications  
Journal Subscriptions Department  
Marston Book Services  
P.O. Box 87  
Oxford, OX20E1, UK

**Phone:** 44-865-791-927

**Name:** **Gulf Coast Fisherman**

**Address:** Sea Grant Advisory Service  
4646 Beach Blvd., Ste. 1-E  
Biloxi, MS 39531

**Phone:** (601) 388-4710

**Name:** **Gulfwatch**

**Address:** NACD, P.O. Box 855  
League City, TX 77574-0855

**Phone:** (713) 332-3402

**Frequency:** 6x/yr

**Name:** **Hawaii Aquaculture**  
**Continues: Aquaculture in Hawaii**

**Address:** Aquaculture Development Program  
Department of Land and Natural Resources  
335 Merchant St., Ste. 348  
Honolulu, HI 96813

**Phone:** (808) 587-0030

**FAX:** (808) 587-0033

**Frequency:** Quarterly

**Name:** Hawaii's Pond to Plate  
**Address:** Aquaculture Development Program  
Department of Land and Natural Resources  
335 Merchant St., Ste. 348  
Honolulu, HI 96813

**Phone:** (808) 587-0030

**FAX:** (808) 587-0033

**Name:** ICAAE Communicae

**Address:** International Center for Aquaculture  
Department of Fisheries and Allied Aquaculture  
Agricultural Experiment Station  
Auburn University, AL 36849-5419

**Frequency:** Monthly

**Name:** ICMRD Newsletter

**Address:** The University of Rhode Island  
International Center for Marine Resource Division  
126 Woodward Hall  
Kingston, RI 02281-0804

**Phone:** (401) 792-2479

**Frequency:** [Publication temporarily suspended]

**Name:** IDRC Reports

**Address:** Distribution and Marketing Unit  
Communications Division, IDRC  
POB 1500  
Ottawa, CANADA K1G 3H9

**Phone:** (613) 236-6163

**FAX:** (613) 238-7230

**Frequency:** Quarterly

**Name:** Idaho Aquaculture News

**Address:** University of Idaho  
Aquaculture Research Institute  
Moscow, ID 83844-2260

**Phone:** (208) 885-5830

**FAX:** (208) 885-5968

**Frequency:** Quarterly

**Name: Journal of Applied Aquaculture**

**Address:** The Haworth Press, Inc.  
10 Alec St.  
Binhampton, NY 13904-9981

**Phone:** (800) 342-9678

**Name: Journal of Applied Food Product Technology**

**Address:** The Haworth Press, Inc.  
10 Alec St.  
Binhampton, NY 13904-9981

**Phone:** (800) 342-9678

**Name: Journal of Aquatic Animal Health**

**Address:** American Fisheries Society  
5410 Grosvenor Lane, Ste. 110  
Bethesda, MD 20814

**Phone:** (301) 897-8616

**Frequency:** Quarterly

**Name: Journal of Fish Biology**

**Address:** Blackwell Scientific Publications  
Journal Subscriptions Department  
Marston Book Services  
P.O. Box 87  
Oxford, OX20E1, UK

**Phone:** 44-865-791-927

**Name: Journal of The Fisheries Research Board of Canada**  
**Continued by: Canadian Journal of Fisheries and Aquatic Sciences**

**Name: Journal of Nutrition**

**Address:** American Institute of Nutrition  
9650 Rockville Pike  
Bethesda, MD 20814-3990

**Phone:** (301) 530-7027

**FAX:** (301) 571-1892

**Frequency:** Monthly

**Name:** **Journal of the World Aquaculture Society**

**Address:** WAS, 143 JM Parker Coliseum  
Louisiana State University  
Baton Rouge, LA 70803

**Name:** **Kentucky Fish Farming**

**Address:** Agriculture Research Center  
U.S. Department of Agriculture  
Kentucky State University  
Frankfort, KY 40601

**Frequency:** Quarterly

**Name:** **MIT Quarterly Report**

**Address:** MIT Sea Grant Program, E38-302  
292 Main St.  
Cambridge, MA 02139-9910

**Frequency:** Quarterly

**Name:** **Makai (newsletter)**

**Address:** Sea Grant Communications Office  
1000 Pope Rd.  
MSB 200  
Honolulu, HI 96822

**Phone:** (808) 956-7410

**Frequency:** Monthly

**Name:** **Marine Biology**

**Address:** Springer-Verlag New York Inc.  
Service Center Secaucus  
44 Hartz Way  
Secaucus, NJ 07094

**Phone:** (201) 348-4033

**FAX:** (201) 348-4505

**Frequency:** 16 issues per year

**Name:** **Marine Science Center News**

**Address:** Marine Science Center  
Northeastern University  
Nahant, MA 01908

**Phone:** (617) 581-7370

**Frequency:** Annually

**Name:** **Maryland Aquafarmer Information**  
**Address:** U.S. Department of Agriculture  
University of Maryland System  
Cooperative Extension  
Maryland Institute for Agriculture and Natural Resources  
3300 Metzert Rd.  
Adelphi, MD 20783  
**Phone:** (410) 827-8056  
**FAX:** (410) 827-9039  
**Frequency:** Quarterly

**Name:** **Maryland Sea Grant**  
**Address:** University of Maryland  
1222 J. J. Patterson Hall  
College Park, MD 20742  
**Frequency:** Quarterly

**Name:** **Molecular Marine Biology and Biotechnology**  
**Address:** Blackwell Scientific Publications  
Journal Subscriptions Department  
Marston Book Services  
P.O. Box 87  
Oxford, OX20E1, UK  
**Phone:** 44-865-791-927

**Name:** **NAA-National Aquaculture Association**  
**Address:** P.O. Drawer 1569  
Shepherdstown, WV 25445  
**Frequency:** Quarterly

**Name:** **NASAC Notes**  
**Address:** Delayne Holsapple, Editor  
c/o Illinois Department of Agriculture  
Division of Marketing and Promotion  
State Fair Grounds  
P.O. Box 19281  
Springfield, IL 62794-9281  
**Phone:** (217) 524-5960  
**Frequency:** Quarterly

**Name:** NCRAC Journal

**Address:** Office of the Editor, NCRAC Journal  
Department of Animal Ecology  
124 Sciences II  
Iowa State University  
Ames, IA 50011

**Phone:** (515) 294-5280

**Frequency:** Biannually

**Name:** NCRI News

**Address:** 528 S.W. Mill, Ste. 250  
P.O. Box 751  
Portland, OR 97207

**Phone:** (503) 725-5725

**Frequency:** Monthly

**Name:** National Shellfisheries Association Newsletter

**Address:** Stephen Tettlebach  
National Shellfisheries Association  
National Service Division  
Long Island University  
Southampton, NY 11968

**Phone:** (516) 287-8418

**Name:** Newsletter of the Washington Office of the  
Ecological Society of America

**Address:** Duncan T. Patten, Business Manager  
Center for Environmental Studies  
Arizona State University  
Tempe, AZ 85284

**Name:** Newsletter of the World Aquaculture Society

**Address:** USA Chapter of the World Aquaculture  
143 J.M. Parker Coliseum  
Louisiana State University  
Baton Rouge, LA 70803

**Phone:** (504) 388-3137



**Name:** New York State Aquaculture Association

**Address:** David Morehouse  
Seybolt Rd.  
Seneca Falls, NY 13148

**Phone:** (315) 568-8520

**Name:** Newsline

**Address:** Oceanic Institute  
Makapuu Point  
P.O. Box 25280  
Honolulu, HI 96825

**Phone:** (808) 259-7951

**FAX:** (808) 259-5971

**Name:** New Orleans Fishery Market News Report

**Address:** U.S. Department of Commerce, NOAA  
National Marine Fisheries Service  
World Trade Center  
2 Canal St., Ste. 400-H  
New Orleans, LA 70130-1206

**Name:** Nor'Easter

**Address:** University of Rhode Island  
Rhode Island Sea Grant  
Narragansett, RI 02882-1197

**Phone:** (401) 792-6842

**Frequency:** Biannually

**Name:** North Alabama Fish Farming News

**Address:** P.O. Box 1904  
Decatur, AL 35602

**Phone:** (205) 353-8702

**Frequency:** Bimonthly

**Name:** North American Journal of Fish Management

**Address:** American Fisheries Society  
5410 Grosvenor Lane, Ste. 110  
Bethesda, MD 20814

**Phone:** (301) 897-8616

**Frequency:** Quarterly

**Name:** **Northeastern Aquaculture (Newsletter of NRAC)**

**Address:** University of Massachusetts, Dartmouth  
North Dartmouth, MA 02747

**Phone:** (508) 999-8157

**Name:** **Northern Aquaculture Magazine**

**Address:** 4611 William Head Rd.  
Victoria, BC V9B 5T7

**Phone:** (604) 478-9209

**Frequency:** 6x/yr

**Name:** **Ocean Science News**

**Address:** Nautilus  
1201 National Press Bldg.  
Washington, DC 20045

**Phone:** (202) 347-6643

**Name:** **Oceanic Institute Newslite (The)**

**Address:** The Oceanic Institute  
Makapuu Point  
P.O. 25280  
Honolulu, HI 96825

**Phone:** (808) 259-7951

**FAX:** (808) 259-5971

**Name:** **Pacific Coast Aquaculture Journal (The)**

**Address:** RR4, Site 465 C-37  
Courtenay, B.C. V9N 7J3  
Canada

**Phone:** (604) 338-2455

**Name:** **Progressive Fish Culturist**

**Address:** American Fisheries Society  
5410 Grosvenor Lane, Ste. 110  
Bethesda, MD 20814

**Name:** **Regional Notes**  
**Address:** Center for Tropical and Subtropical Aquaculture  
The Oceanic Institute and the University of Hawaii  
Makapu'u Point  
Waimanalo, HI 96795  
**Phone:** (808) 259-7951  
**FAX:** (808) 259-9895  
**Frequency:** Quarterly

**Name:** **Reviews in Fisheries Science**  
**Address:** Lewis Publishers/CRC Press, Inc.  
2000 Corporate Blvd., N.W.  
Boca Raton, FL 23431  
**Phone:** (800) 272-7737

**Name:** **SFI Bulletin**  
**Address:** Sports Fishing Institute  
1033 N. Fairfax St., Ste. 200  
Alexandria, VA 22314  
**Phone:** (703) 519-9691  
**Frequency:** Monthly

**Name:** **Salmonid**  
**Address:** P.O. Box 220  
Harpers Ferry, WV 25425  
**Phone:** (304) 876-6666  
**Frequency:** Quarterly

**Name:** **Sanctuary Currents**  
**Address:** 1725 DeSales St. N.W.  
Washington, DC 20036  
**Phone:** (202) 429-5609  
**Frequency:** Quarterly

**Name:** **Sea Harvest News**  
**Address:** Auburn University Marine Extension and Research Center  
4170 Commanders Dr.  
Mobile, AL 36615  
**Phone:** (205) 438-5690  
**FAX:** (205) 438-5670

**Name:** Sea Scope  
**Address:** Thomas A. Frakes, Editor  
Aquarium Systems, Inc.  
8141 Tyler Blvd.  
Mentor, OH 44060  
**Phone:** 1-800-822-1100  
**Frequency:** Quarterly

**Name:** Seafare  
**Address:** Sea Grant Communications Office  
Kingman Farm  
University of New Hampshire  
Durham, NH 03824-3512  
**Frequency:** Quarterly

**Name:** Seafood Business  
**Address:** 21 Elm St.  
Camden, WA 98107

**Name:** Seafood Current  
**Address:** UNC Sea Grant  
Box 8605  
North Carolina State University  
Raleigh, NC 27695-8605  
**Phone:** (919) 726-7341  
**Frequency:** Quarterly

**Name:** Seafood Leader  
**Address:** Waterfront Press  
1115 N.W. 46th St.  
Seattle, WA 98107  
**Phone:** (206) 789-6506  
**FAX:** (206) 789-9193  
**Frequency:** 6x/yr

**Name:** Seiche (The)  
**Address:** University of Minnesota Sea Grant  
2305 E. 5th St.  
Duluth, MN 55812-1445  
**Phone:** (218) 726-8106  
**Frequency:** Quarterly

**Name:** Shrimp News International

**Address:** 9434 Kearny Mesa Rd.  
San Diego, CA 92126

**Phone:** (619) 271-6354

**Frequency:** Intermittent

**Name:** Splash

**Address:** Bureau of Seafood and Aquaculture  
2051 E. Dirac Dr.  
Tallahassee, FL 32315-3969

**Phone:** (904) 488-4033

**FAX:** (904) 488-1254

**Name:** Striper News

**Address:** Striped Bass Growers Association  
Marine Resources Research Institute  
P.O. Box 5452  
Raleigh, NC 27650-5452

**Phone:** (919) 515-2454

**FAX:** (919) 515-7095

**Frequency:** Irregular

**Name:** Superior Advisory Notes (reprints)

**Address:** Minnesota Sea Grant Extension  
208 Washburn Hall  
University of Minnesota  
Duluth, MN 55812

**Phone:** (218) 726-8106

**Name:** Texas Shoreline

**Address:** Sea Grant Program  
Texas A&M University at Galveston  
P.O. Box 1675  
Galveston, TX 77553-1675

**Phone:** (409) 762-9800

**Frequency:** Bimonthly

**Name:** **Today's Aquarist**  
**Address:** Pisces Publishing Group, Inc.  
417 Bridgeport Ave.  
Devon, CT 06460-4105  
**Phone:** (203) 877-1927  
**E'mail:** 71631.42 (CompuServe)  
71631.42@CompuServe.COM (Internet)

**Name:** **Trout Production Report**  
**Address:** Agricultural Statistics Board  
USDA-NASS ED LD&PB  
5906 South Building  
Washington, DC 20277-2585  
**Phone:** 1-800-999-6779  
**Frequency:** Annually

**Name:** **Virginia Marine Resources Advisory Series**  
**Address:** Virginia Sea Grant College Program  
Virginia Institute of Marine Science  
Gloucester Point, VA 23062  
**Phone:** (804) 642-7000

**Name:** **Virginia Marine Resource Bulletin**  
**Address:** Sea Grant Communications  
Virginia Institute of Marine Science  
Gloucester Point, VA 23062  
**Frequency:** Intermittent

**Name:** **Virginia Pond Aquaculture Newsletter**  
**Address:** P.O. Box 9081  
Virginia State University  
Petersburg, VA 23806  
**Phone:** (804) 524-5903  
**Frequency:** Quarterly

**Name:** **The Washington Aquafarm Letter**  
**Address:** Box 14260  
Benjamin Franklin Station  
Washington, DC 20044

**Name:** Washington Fish Growers Association Newsletter

**Address:** 10420 173rd Ave. S.W.  
Rochester, WA 98579

**Phone:** (206) 273-5890

**FAX:** (206) 273-6577

**Name:** Water Farming Journal and Update

**Address:** Carroll Trosclair Association, Inc.  
3400 Neyrey Dr.  
Metairie, LA 70002

**Phone:** (504) 454-8934

**FAX:** (504) 488-4134

**Frequency:** Monthly

**Name:** Waterlines

**Address:** Newsletter of the Western Regional Aquaculture Center  
School of Fisheries, WH-10  
University of Washington  
Seattle, WA 98195

**Name:** Waterman's Gazette

**Address:** Maryland Watermen's Association  
1805 Virginia St.  
Annapolis, MD 21401

**Phone:** (410) 268-8822

**Frequency:** Monthly

**Name:** Watershed

**Address:** Maryland Sea Grant Program  
0112 Skinner Hall  
College Park, MD 20742

**Phone:** (301) 405-6376

**FAX:** (301) 314-9581

**Frequency:** Intermittent

**Name:** World Aquaculture Magazine

**Address:** WAS, 16 E. Fraternity Lane  
Louisiana State University  
Baton Rouge, LA 70803

**Name:** World Aquaculture News

**Address:** P.O. Box 150129  
Arlington, TX 76015

**Phone:** (817) 472-6331

**Name:** World Shrimp Farming (Annual Report)

**Address:** 9434 Kearny Mesa Rd.  
San Diego, CA 92126

**Phone:** (619) 271-6354



## Section IV: Electronic and Online Resources

There are numerous international as well as North American electronic resources of value to the person interested in aquaculture or aquatic information. The listing here is not comprehensive but provides selected basic sources with a focus on the United States and Canada. The first section covers **databases**. These are usually bibliographic and are available online as well as by CD-ROM subscription. Many charge a fee to access directly or charge a subscription for the CD-ROM. Many libraries subscribe to these CD-ROMs and make them available to their patrons. Check your regional library for availability or contact the address provided in the description. The second section lists **Bulletin Board Systems (BBS)**. These usually provide electronic messaging services (e-mail), archives of files, announcements, public and private conferencing sections, and any other services or activities of interest to the Bulletin Board System's operator. A BBS may be small and regional in scope, but an increasing number are currently operated by government, educational, and research institutions. **FTP/Gopher Sites and gopher servers** can be reached via telnet address or gopher address and lead the user to a list of files/documents that can be obtained electronically and/or read online. **Listservs** are mailing list programs for electronic communication that allow users to exchange data and ideas through the Internet by subscribing. You must have an e-mail address to belong. Services listed below are sometimes a combination BBS/Database/Listserv, so their selection for a particular section has been made somewhat arbitrarily. The final section lists the various commercial and noncommercial vendors which provide communication access for your computer to some of the services in the preceding sections.

Acknowledgment is given to John Bostock at the University of Stirling in Stirling, Scotland, for information he provided on several of the following resources in this section. A comprehensive listing of international aquatic sources with a broader scope has been compiled by John Bostock and an electronic version of that list is available via anonymous FTP from ftp.stir.ac.uk directory /aqua; file online.txt.

### Databases

|                 |   |
|-----------------|---|
| <b>Name:</b>    | <b>AGRICOLA (AGRICultural OnLine Access)</b>  |
| <b>Host:</b>    | U.S. Department of Agriculture  |
| <b>Address:</b> | National Agricultural Library<br>10301 Baltimore Blvd.<br>Beltsville, MD 20705-2351   |
| <b>Phone:</b>   | (301) 504-5479  |
| <b>Access:</b>  | via DIALOG Information Services; also on CD-ROM   |
| <b>Cost:</b>    | Yes   |
| <b>Scope:</b>   | Comprehensive bibliographic database on the agricultural sciences including aquaculture. This is an index to the document collection at the National Agricultural Library as well as materials not in the library's collection. |

**Name:** **AGRIS (Agricultural Information System)**  
**Host:** FAO (Coordinating agency)  
**Address:** Information Services Division  
National Agricultural Library  
10301 Baltimore Blvd.  
Beltsville, MD 20705-2352  
**Phone:** (301) 504-6813  
**Access:** via CompuServe; via DIALOG Information Services; via DATA STAR  
(account required)  
**Cost:** Yes  
**Scope:** Bibliographic database of worldwide agricultural literature which includes  
aquaculture.

**Name:** **Aquaculture II**  
**Host:** National Agricultural Library  
Aquaculture Information Center  
10301 Baltimore Blvd.  
Beltsville, MD 20705-2351  
**Phone:** (301) 504-5558  
**FAX:** (301) 504-6409  
**E'mail:** aic@nalusda.gov  
**Access:** CD-ROM  
**Cost:** Free while supplies last  
**Scope:** 154 aquaculture publications in full text with page images.

**Name:** **AQUAREF**  
**Host:** Environment Canada  
**Address:** Environment Canada  
Ecosystem Sciences and Evaluation Directorate  
WATDOC  
Ottawa, ON Canada K1A 0H3  
**Phone:** (613) 993-1210  
**Cost:** Yes  
**Access:** CAN/OLE also as CD-ROM  
**Scope:** Citations and abstracts on Canadian water resources and environmental  
topics--retrospective only.

**Name:** **AQUIRE (Aquatic Toxicity Information Retrieval Database)**  
**Host:** Scientific Outreach Program  
**Address:** U.S. EPA  
Environmental Research Laboratory-Duluth  
6201 Congdon Blvd.  
Duluth, MN 55804

**Phone:** (218) 720-5602  
**FAX:** (218) 720-5539  
**Access:** via Internet: telnet epavax.rtpnc.epa.gov or telnet 134.67.208.95 (request packet from above address prior to accessing database)  
**Scope:** Contains records on data on acute, chronic, bioaccumulative and sublethal effects of approximately 5,100 chemical substances and on 2,400 freshwater and saltwater organisms.

**Name: ASFA (Aquatic Science and Fisheries Abstracts)**

**Host:** FAO (Coordinating agency)  
**Address:** Cambridge Scientific Abstracts  
7200 Wisconsin Ave.  
Bethesda, MD 20814  
**Phone:** (301) 961-6750  
**Access:** via CompuServe; via DIALOG; also on CD-ROM  
**Cost:** Yes  
**Scope:** Bibliographic citations on biology of aquatic organisms, as well as aquatic issues in ecology, ecosystems, fisheries, policy, legislation, technology and engineering, commerce, and pollution.

**Name: BIOSIS PREVIEWS**

**Host:** BIOSIS, Philadelphia, PA  
**Address:** BIOSIS  
User Communications  
2100 Arch St.  
Philadelphia, PA 19103-1399  
**Phone:** (800) 523-4806 or (215) 587-4847  
**Access:** via CompuServe; via Dialog; also on CD-ROM  
**Cost:** Yes  
**Scope:** Citations and abstracts in the biological and biomedical sciences.

**Name: CAB Abstracts (formerly Commonwealth Agricultural Bureaux)**

**Host:** CAB International  
**Address:** Farnham Royal  
Slough, United Kingdom  
**Access:** via CompuServe; via Dialog; via NISS gateway in United Kingdom; also on CD-ROM  
**Cost:** Yes  
**Scope:** Provides citations and abstracts in English to the worldwide literature of agriculture. Comprised of some 50 subfields including veterinary medicine/science.

**Name:** CRIS (Current Research Information System)  
**Host:** U.S. Department of Agriculture  
**Address:** CRIS/USDA  
5th Floor  
National Agricultural Library  
Beltsville, MD 20705-2351  
**Phone:** (301) 504-3816  
**Access:** via Dialog; also on CD-ROM; also future searching via Internet  
**Cost:** Yes  
**Scope:** Contains project summaries of ongoing research conducted by USDA and State agricultural research entities.

**Name:** FARAD (Food Animal Residue Avoidance Databank)

**Host:** Food and Drug Administration  
**Address:** [East Region]  
FARAD  
4700 Hillsborough St.  
Raleigh, NC 27606

**Phone:** (919) 829-4431  
**Access:** via Internet: farad@ncsu.edu

**Address:** [Central Region]  
FARAD  
Animal Poison Control Center  
University of Illinois  
College of Veterinary Medicine  
Urbana, IL 61801

**Phone:** (217) 333-3611

**Address:** [West Region]  
FARAD  
Veterinary Medicine Extension  
University of California  
Davis, CA 95616

**Phone:** (916) 752-7507  
**Access:** via Internet: farad@ucdavis.edu

**Cost:** Free  
**Scope:** Cannot access database directly but must go through staff. Database lists approved trade names, generic drug, access by species, withdrawal times, and indications for use. Also contains specific generic drug data, levels in feeds, tolerances, USDA Residue Avoidance Program projects, and bibliographic files.

**Name:** FISHLIT  
**Address:** FISHLIT Information Service  
J.L.B. Smith Institute of Ichthyology  
Private Bag 1015  
Grahamstown 6140, South Africa  
**Phone:** (0461) 27124  
**Access:** Direct dial and future via Internet: ihmc@hippo.ru.ac.za  
**Cost:** Yes  
**Scope:** Includes literature on aquaculture particularly practical information, information on finfish and abalone, and South Africa aquaculture information as well as general fisheries information.

**Name:** Fish and Fisheries Worldwide  
**Host:** National Information Services Corporation  
**Address:** Ste. #6  
Wyman Towers  
3100 St. Paul St.  
Baltimore, MD 21218  
**Phone:** (410) 243-0797  
**Access:** CD-ROM  
**Cost:** Yes  
**Scope:** Combines the databases from U.S. Fish and Wildlife Service's Fisheries Review, the FISHLIT database from J.L.B. Smith Institute of Ichthyology at Rhodes University in South Africa, the National Oceanic and Atmospheric Administration Aquaculture file, and Fish Health News abstracts.

**Name:** FSTA (Food Science and Technology Abstracts)  
**Host:** International Food Information Service  
**Address:** Herriotstrasse 5  
D-60000 Frankfurt am Main 71  
Federal Republic of Germany  
**Phone:** 069/6687 281  
**Access:** via CompuServe; via Dialog; also on CD-ROM  
**Cost:** Yes  
**Scope:** Research and new development literature in food science and technology.

**Name:** National Water Quality Database  
**Host:** Purdue University  
**Address:** Extension Specialist, Water Quality and Environment  
Cooperative Extension Service  
Purdue University  
West Lafayette, IN 47907-1530  
**Phone:** (317) 494-7924

**Access:** via Internet; telnet hermes.ecn.purdue.edu (login id: cerf; password: Purdue); gopher hermes.ecn.purdue.edu; select "The Purdue Cooperative Extension Gopher Information Server;" select "Environment;" then select "National Water Quality Database." (Write for guide)

**Cost:** Free

**Scope:** Lists current water quality publications, audiovisuals, bibliographic citations in the Water Quality Bibliography and more than 100 Extension documents.

**Name:** **NTIS (National Technical Information Service)**

**Host:** National Technical Information Service, U.S. Department of Commerce

**Address:** 5285 Port Royal Rd.  
Springfield, VA 22161

**Phone:** (703) 487-4650

**Access:** via Dialog

**Cost:** Yes

**Scope:** U.S. government-sponsored research, development, and engineering plus analyses.

**Name:** **TOXLINE**

**Host:** National Library of Medicine

**Address:** MEDLARS Management Section  
National Library of Medicine  
8600 Rockville Pike  
Bethesda, MD 20894

**Phone:** (800) 638-8480 or (301) 496-6193

**Access:** via CompuServe; via Dialog

**Cost:** Yes

**Scope:** Toxicological, pharmacological, biochemical and physiological effects of drugs and chemicals.

**Name:** **UIAIS (University of Idaho Aquaculture Information Service)**

**Host:** University of Idaho

**Address:** Librarian  
Aquaculture Information Service  
Aquaculture Research Institute  
University of Idaho  
Moscow, ID 83844-2260

**Access:** (208) 885-5992 for information

**Cost:** Direct dial costs

**Scope:** Information on references held in the Idaho Fish and Game Library, the Western Regional Aquaculture/Fisheries Distinguished Scientist Collection, the National Agricultural Library, the U.S. Fish and Wildlife Reference Service, the Southern Regional Aquaculture Center, the Montana Fish and Wildlife Parks Library, the U.S. Department of Interior Office of Water Research and Technology, among others.

**Name:** Water Resources Abstracts  
**Host:** U.S. Department of the Interior  
**Address:** Geologic Survey  
Reston, VA  
**Phone:** (703) 648-6820  
**Access:** via CompuServe; via Dialog; via CD-ROM  
**Cost:** Yes  
**Scope:** Database compiled by over 50 water research centers providing information on water resource economics, ground and surface water hydrology, etc.

**Name:** WATERNET  
(American Water Works Association and  
AWWA Research Foundation bibliography)

**Host:** DIALOG  
**Address:** Dialog Information Services Inc.  
Marketing Department  
3460 Hillview Ave.  
Palo Alto, CA 94304  
**Phone:** (800) 334-2564 or (415) 858-3785  
**FAX:** (415) 858-7069  
**Access:** via Dialog; via CompuServe  
**Cost:** Yes  
**Scope:** Index of publications related to water and waste water.

### **Bulletin Board Systems:**

**Name:** ALF (Agricultural Library Forum)  
**Host:** National Agricultural Library  
**Address:** 10301 Baltimore Ave.  
Beltsville, MD 20705-2351  
**Access:** Direct Dial (301) 504-6510, or 504-5111, or 504-5496, or 504-5497; or via Internet through Fedworld; or telnet fedworld.gov  
**Cost:** Direct dial costs if you do not have Internet access.  
**Scope:** Agriculture- and aquaculture-related publications produced in the library in addition to some specialized conferences and mail messaging. For assistance call systems operator at (301) 504-5113.

**Name:** AQUADATA  
**Host:** CompuServe  
**Address:** 500 Arlington Centre Blvd.  
P.O. Box 20212  
Columbus, OH 43220  
**Phone:** (614) 457-8600  
**Access:** via CompuServe  
**Cost:** Yes--per minute  
**Scope:** Fish drugs, chemicals, aquatic publications, etc.

**Name:** AQUAFORUM  
**Host:** CompuServe  
**Address:** 500 Arlington Centre Blvd.  
P.O. Box 20212  
Columbus, OH 43220  
**Phone:** (614) 457-8600  
**Access:** via CompuServe  
**Cost:** Yes--per minute  
**Scope:** Bulletin board and files relating mostly to aquariums with small section for aquaculture.

**Name:** Aquaria and Fish Forum  
**Host:** CompuServe  
**Address:** 500 Arlington Centre Blvd.  
P.O. Box 20212  
Columbus, OH 43220  
**Phone:** (614) 457-8600  
**Cost:** Yes  
**Access:** via CompuServe  
**Scope:** Provides trade and hobby information on fish, aquaria and aquatic sciences with international coverage.

**Name:** CIDS (Commercial Information Delivery Service)  
**Host:** U.S. Department of Agriculture  
**Address:** Charles Hobbs  
Office of Communications  
U.S. Department of Agriculture  
Commercial Information Delivery Service  
Administration Building  
14th and Independence Ave., S.W.  
Washington, DC 20250  
**Phone:** (202) 720-9045  
**Access:** Direct dial or via telnet



**Cost:** Yes  
**Scope:** Federal bulletin board network that provides access to time-sensitive U.S. Government information.

**Name:** **FISHNET**  
**Host:** FISHNET  
**Address:** 102 Haram St.  
 Sheffield, AL 35660  
**Phone:** (205) 383-3009  
**FAX:** (205) 386-7615  
**Access:** via CompuServe  
**Cost:** Yes  
**Scope:** Includes fish farming and aquatic conservation as well as a number of files useful to aquarists on fish chemicals, drugs, and identification guides.

## FTP/GOPHER SITES

**Name:** **AquaNIC (Aquaculture Network Information Center)**  
**Host:** Purdue University  
**Address:** Cooperative Extension Service  
 Purdue University  
 West Lafayette, IN 47907-1530  
**Phone:** (317) 494-6264  
**Access:** via Internet gopher or via telnet at thorplus.lib.purdue.edu (path=scholarly\_database/AquaNIC); or via direct dial (317) 494-1440; via ALMANAC at almanac@ecn.purdue.edu  
**Cost:** Free-direct dial costs only  
**Scope:** Provides a computer gateway to other aquaculture resources and provides educational products and scientific-based products electronically.

**Name:** **Biotechnology Information Center**  
**Host:** University of Maryland  
**Address:** Biotechnology Information Center  
 National Agricultural Library  
 10301 Baltimore Blvd.  
 Beltsville, MD 20705-2351  
**Phone:** (301) 504-5340  
**FAX:** (301) 504-7098  
**Access:** via Internet: inform.umd.edu  
 Path=1/Ed.\_Res./Acad.\_Res.\_By\_Topic/Ag.\_and\_Env.\_Resources/  
**Cost:** Free-direct dial costs only  
**Scope:** Access to a variety of information services and publications on agricultural biotechnology. Includes text files of some aquatic biotechnology bibliographies published through the Center at the National Agricultural Library.

**Name:** CRIS (Current Research Information System)  
**Host:** nic.sura.net  
**Access:** via Internet: Path=waissrc:/network.res/.linkdir/usdacris.src; or via Dialog or CD-ROM  
**Cost:** Free and at cost depending on access  
**Scope:** Limited search capability on USDA Current Research Information System database of currently funded research projects.

**Name:** Economic Research Service (ERS) Reports  
**Host:** zeus.esusda.gov  
**Access:** via Internet: Path= 1/feds/usda-info/ers  
**Cost:** Free-direct dial costs only  
**Scope:** Text of current U.S. Department of Agriculture (USDA) Situation and Outlook Reports including Aquaculture Situation and Outlook Report from the Economic Research Service of USDA.

**Name:** Fishing for Information  
**Host:** University of Stirling  
**Address:** John Bostock  
Institute of Aquaculture  
University of Stirling  
Stirling, Scotland FK9 4LA  
**Access:** Anonymous ftp to ftp.stir.ac.uk; directory /aqua; file online.txt  
**Cost:** Free  
**Scope:** Comprehensive international listing of network and online resources on aquaculture and aquatic science.

## LISTSERVS

**Name:** AQUA-L  
**Host:** University of Prince Edward Island  
**Address:** Nigel Robbins  
Canadian Aquaculture Institute  
University of Prince Edward Island  
Internet: NROBBINS@UPEI.CA  
or  
T. B. (Ted) White  
NovaCulture Inc.  
Internet: WHITE@MALA.BC.CA  
**Access:** via Internet: send subscribe message to listproc@UPEI.CA  
**Cost:** Free

**Scope:** Discussion covers issues on rearing aquatic larvae, diseases, parasites, pathology, water quality, recirculation technologies, systems design and operation, genetics, etc.

**Name:** **BRINE-L**

**Host:** Mercer University--Contact Lamar Jackson Jackson@uga.cc.uga.edu  
**Access:** via Internet: send subscribe message to LISTSERV@UGA.CC.UGA.EDU;  
Bitnet: LISTSERV@UGA.

**Cost:** Free

**Scope:** Brine shrimp (Artemia) electronic conference.

**Name:** **CRUST-L**

**Host:** Smithsonian Institution---contact Jan Clark hiv002@sivm.si.edu  
**Access:** via Internet: send subscribe message to LISTSERV@sivm.si.edu

**Cost:** Free

**Scope:** Discussion of the systematics, distribution, and ecology of members of the arthropod Subphylum Crustacea.

**Name:** **FISH-ECOLOGY**

**Host:** Sunet (Swedish University Network)

**Access:** via Internet: subscribe to the listserv by sending message to  
LISTSERV@SEARN.SUNET.SE (Subscribe FISH-ECOLOGY)

**Cost:** Free

**Scope:** International computer conference for academic personnel and students involved in issues related to ecology of fish and fisheries, evolutionary aspects, population dynamics, modeling, management, conservation, and bioeconomics.

**Name:** **FISH-JUNIOR**

**Host:** Sunet (Swedish University Network)

**Address:** Aldo-Pier Solari  
SOLARIS@SEARN.SUNET.SE  
University of Umea (Umea)  
S-901-87 Umea, Sweden

**Phone:** 090-16-50-00

**Access:** via Internet: send subscribe statement to  
LISTSERV@SEARN.SUNET.SE (or LISTSERV@SEARN.BITNET)

**Cost:** Free

**Scope:** FISH-JUNIOR is a forum for knowledge transfer between marine scientists and children/high school students. The aim of this forum is to enable juniors of early age to interact with scientists and scientific issues mainly related to Fisheries ecology and related topics. The FISH-ECOLOGY management would like to encourage the participation of scientists, advisors, PhD stu-

dents, and other research personnel who would like to be involved as teachers in FISH-JUNIOR.

**Name:** MAR-FACIL  
**Host:** Dalhousie University  
**Address:** Aquatron Laboratory  
Halifax, Nova Scotia, Canada B3H 3J5  
**Access:** via Internet: send subscribe statement to mailserv@ac.dal.ca  
**Cost:** Free  
**Scope:** MAR-FACIL is a mailing list for managers and technical staff at marine research facilities, aquaculture operations, public aquaria and other facilities supplying seawater for the support of marine life; intended as a forum for the discussion of technical and business topics.

**Name:** SHELLFISH  
**Host:** Kenyon College  
**Address:** Scott Siddall  
Kenyon College  
Department of Biology  
Gambier, OH 43022  
**Phone:** (614) 427-5696  
**Access:** via Internet: send subscribe statement to shellfish-request@kenyon.edu  
**Cost:** Free  
**Scope:** Forum for the discussion of shellfish research, shellfish industry worldwide, funding opportunities, employment in shellfish research and industry, and meetings and conferences.

### **ONLINE VENDORS/HOSTS:**

**Name:** AMERICA ONLINE, INC.  
**Address:** America Online, Inc.  
8619 Westwood Center Dr.  
Vienna, VA 22182  
**Phone:** (703) 448-8700

**Name:** BRS  
**Address:** BRS Information Technologies  
8000 Westpark Dr.  
McLean, VA 22102  
**Phone:** (800) 955-0906 or (703) 442-0900  
**FAX:** (703) 893-4632  
**Scope:** Approximately 200 databases on BRS and ORBIT.

**Name:** CAN/OLE  
**Address:** Canadian Online Inquiry System  
Montreal Rd.  
Ottawa, Ontario, Canada K1A 0S2  
**Phone:** (613) 993-1210  
**Scope:** More than 40 databases online in major fields of science and technology.

**Name:** CompuServe  
**Address:** CompuServe Incorporated  
5000 Arlington Centre Blvd.  
Columbus, OH 43220  
**Phone:** (614) 457-8650  
**Scope:** The major reference areas are IQUEST and Knowledge Index (a cheap-rate service available in the evenings and at weekends).

**Name:** DATA STAR  
**Address:** D S Marketing Ltd  
The Plaza Ste.  
114 Jermyn St.  
London SW1Y 6HJ  
United Kingdom  
**Phone:** +44-71-9305503  
**FAX:** +44-71-9302581  
**Scope:** Access to over 200 files with emphasis on European business, medical and pharmaceutical databases.

**Name:** DIALOG  
**Address:** Dialog Information Services Inc.  
Marketing Department  
3460 Hillview Ave.  
Palo Alto, CA 94304  
**Phone:** (800) 334-2564 or (415) 858-3785  
**FAX:** (415) 858-7069  
**Scope:** Access to over 400 database files with broad scope of subjects.

**Name:** NEWSNET  
**Address:** NewsNet Inc.  
945 Haverford Rd.  
Bryn Mawr, PA 19010  
**Phone:** (215) 527- 8030  
**FAX:** (215) 527- 0338  
**Scope:** A network of over 3,000 news groups exchanging information electronically.

**Name:** PRODIGY  
**Address:** Prodigy Services Company  
445 Hamilton Ave.  
White Plains, NY 10601  
**Phone:** (914) 993-8000

## Section V: Trade and Professional Associations

The following trade and professional associations may have changed phone numbers or addresses since this publication went to printing. We apologize for any inconvenience this may cause. The associations are organized alphabetically by State. Please note that there is an index by association name at the back of this guide.

**State: Alabama**

**Contact:** Jimmy Carlisle  
**Name:** Alabama Catfish Producers  
A Division of Alabama Farmers Federation (AFF)  
**Address:** P.O. Box 11000  
Montgomery, AL 36191-0001  
**Phone:** (205) 288-3900 Ext. 4214  
(205) 613-4214 (voice mail)  
**FAX:** (205) 284-3957  
**Publication:** Quarterly newsletter  
**Scope:** Regional; All species

**State: Alabama**

**Contact:** W.R. Odom, Jr., President, (205) 372-2804  
or Randy Hollingsworth, Secretary  
**Name:** West Alabama Catfish Producers  
**Address:** P.O. Box 479  
Greensboro, AL 36744  
**Phone:** (205) 624-7291  
**Scope:** Regional; Species: Catfish

**State: Alaska**

**Contact:** Jeff Hetrick  
**Name:** Alaskan Shellfish Growers Association  
**Address:** P.O. Box 7  
Moose Pass, AK 99631  
**Phone:** (907) 288-3688  
**FAX:** (907) 288-3667  
**Publication:** Newsletter  
**Scope:** Regional (Member growers and industry people plus regulator)

**State:** Alaska  
**Contact:** Donald F. Amend  
**Name:** Southern Southeast Regional Aquaculture Association  
**Address:** 2721 N. Tongass  
Ketchikan, AK 99901  
**Phone:** (907) 225-9605  
**FAX:** (907) 225-1348  
**Publication:** Spawning News (published every 3-4 months)  
**Scope:** Regional; Species: Coho, Chinook, Sockeye, Chum

**State:** Arizona  
**Contact:** Jimmy Joy  
**Name:** Arizona Aquaculture Association  
**Address:** P.O. Box 10431  
Scottsdale, AZ 85271  
**Phone:** (602) 947-5970  
**Publication:** Arid Lands Fish Production (bimonthly)  
**Scope:** Statewide; Species: Mainly Trout, Tilapia, and Catfish plus other species raised in Arizona

**State:** Arkansas  
**Contact:** Van Pennington  
**Name:** Catfish Farmers of Arkansas  
**Address:** 31 Linda Lane W.  
Vilonia, AR 72173  
**Phone:** (501) 796-2539  
**FAX:** (501) 796-2539  
**Publication:** Newsletter

**State:** Arkansas  
**Contact:** Lisa Bland  
**Name:** National Ornamental Goldfish Growers Association, Inc.  
**Address:** Billy Bland's Fishery, Inc.  
P.O. Box 430  
Taylor, AR 71861  
**Phone:** (501) 694-4811  
**FAX:** (501) 694-2034  
**Scope:** National level; Species: Goldfish



**State:** California  
**Contact:** Bob Finnigan  
**Name:** Associated Koi Clubs of America  
**Address:** 258 Sherwood St.  
Costa Mesa, CA 92627  
**Phone:** (714) 548-3690  
**FAX:** (714) 646-1685  
**Publication:** U.S.A. Magazine (bimonthly); Subscription: Koi USA, P.O. Box 1, Midway  
City, CA 92655  
**Scope:** All Koi clubs in U.S. and Canada (except Newfoundland); Mostly national  
in scope; some international activity; Species: Koi, Aquatic Plants in ponds;  
Garden Ponds

**State:** California  
**Contact:** Peter Struffeneger or Fern Ray  
**Name:** California Aquaculture Association  
**Address:** P.O. Box 1004  
Niland, CA 92257  
**Phone:** (619) 359-FISH  
**Publication:** California Aquatic Farming

**Country:** Canada  
**Contact:** Susan Waddy  
**Name:** Aquaculture Association of Canada  
**Address:** Box 1987  
St. Andrews, NB E0G 2X0 Canada  
**Phone:** (506) 529-4766  
**FAX:** (506) 529-4609  
**Publication:** AAC Bulletin (quarterly)  
**Scope:** Regional membership (North American region); All species

**Country:** Canada  
**Name:** Canadian Aquaculture Producers Council  
**Address:** 1200 W. Pender St.  
Ste. 506  
Vancouver, BC, V6E 2S9  
Canada

**Country:** Canada  
**Contact:** William Thompson, General Manager  
**Name:** New Brunswick Salmon Growers Association  
**Address:** RR #4 Lime Kiln Rd.  
St. George, New Brunswick  
E0G 2Y0  
Canada  
**Phone:** (506) 755-3526  
**FAX:** (506) 755-6237  
**Scope:** Province of New Brunswick only; Species: Atlantic Salmon

**Country:** Canada  
**Name:** New Brunswick Smolt Producers Association  
**Address:** RR #4 Lime Kiln Rd.  
St. George, New Brunswick  
E0G 2Y0  
Canada  
**Phone:** (506) 755-3526  
**FAX:** (506) 755-6237  
**Scope:** Province of New Brunswick only; Species: Smolt

**Country:** Canada  
**Name:** Newfoundland Aquaculture Association  
**Address:** P.O. Box 9961, Station B  
St. John's, NF, Canada A1A 4L4

**Country:** Canada  
**Contact:** Laurie Taylor, Administrator  
**Name:** Ontario Aquaculture Association  
**Address:** 54 Centre St.  
Elmira, ON N38 2V6  
CANADA  
**Phone:** (519) 669-3400  
**FAX:** (519) 669-2864  
**Publications:** Several newsletters published every 2-3 months  
**Scope:** Private, members are mostly commercial operators; Species: Trout

**Country:** Canada  
**Contact:** Sean Goodyear, General Manager  
**Name:** S.C.B. Fisheries Limited  
(formerly: Bay D'Espoir Salmon Growers Co-Operative)  
**Address:** P.O. Box 400  
St. Alban's, Bay D'Espoir, A0H 2E0, Newfoundland  
Canada  
**Phone:** (709) 538-3231  
**FAX:** (709) 538-3022  
**Scope:** Regional; Species specific: Rainbow Trout; Atlantic Salmon

**Country:** Canada  
**Contact:** Dora Glover, Manager  
**Name:** Sunshine Coast Aquaculture Association  
**Address:** P.O. Box 2360  
Sechelt, BC V0N 3A0  
Canada  
**Phone:** (604) 885-3619  
**FAX:** (604) 885-6155  
**Scope:** Regional; Species: Cultured Oysters

**State:** Colorado  
**Contact:** Greg Brunjak, President  
**Name:** Colorado Aquaculture Association  
**Address:** P.O. Box 27  
Leadville, CO 80461  
**Phone:** (719) 486-1075  
**Publication:** The Fishline (quarterly)  
**Scope:** Colorado aquaculture-public and private

**State:** Delaware  
**Contact:** John Foltz  
**Name:** Delaware Aquaculture Association  
**Address:** Aquafarm Products, Inc.  
RD 2 Box 263  
Dover, DE 19901  
**Phone:** (302) 734-8884  
**FAX:** (302) 734-4607  
**Scope:** State only; Species: Hard Clam, Tilapia, Hybrid Striped Bass, Trout, Crawfish, Baitfish, Large Mouth Bass, Crappie, and Catfish

**State:** Florida  
**Name:** Florida Aquaculture Association  
**Address:** P.O. Box 1519  
Winter Haven, FL 33880  
**Phone:** (813) 293-5710  
**FAX:** (813) 299-5154  
**Publication:** FAA Newsletter (quarterly)  
**Scope:** Regional; All species

**State:** Florida  
**Contact:** Wayne Jipsen, Treasurer  
**Name:** Florida Aquatic Plant Management Society  
**Address:** 10616 Bay Lake Rd.  
Groveland, FL 34736  
**Phone:** (904) 232-2219  
**FAX:** (904) 232-3696  
**Publications:** Aquatics (quarterly magazine) and a quarterly newsletter  
**Scope:** Aquatic plants and aquatic environmental issues in Florida

**State:** Florida  
**Contact:** Larry E. Beasley  
**Name:** Florida Foodfish, Gamefish and Baitfish Farmers Association  
**Address:** P.O. Box 817  
Hastings, FL 32145  
**Phone:** (407) 365-2039  
**Scope:** Statewide; Species: All species raised in Florida

**State:** Florida  
**Contact:** Cheryl Hukle  
**Name:** Florida Tropical Fish Farms Association  
**Address:** P.O. Box 1519  
Winter Haven, FL 33882  
**Phone:** (813) 293-5710  
**FAX:** (813) 299-5154  
**Publication:** Florida Fish Farmer (monthly newsletter)  
**Scope:** Regional; Species: Tropical and Ornamental Fish, and Aquatic Plants

**State:** Florida  
**Contact:** Keith Zickuhr  
**Name:** Florida Shellfish Farmers Association  
**Address:** 744 Tompkins St.  
Melbourne, FL 32935-3952  
**Phone:** (407) 254-6123  
**FAX:** (407) 254-6123  
**Publication:** Newsletter  
**Scope:** Statewide; Species: Marine Bivalves

**Territory:** Guam  
**Name:** Pacific Aquaculture Association  
**Address:** Guam Department of Commerce  
GITC Bldg., 6th Floor  
590 South Marine Dr.  
Tamuning, Guam 96911  
**Phone:** (671) 646-5841

**State:** Hawaii  
**Contact:** Linden Burzell, President  
**Name:** Hawaii Aquaculture Association  
**Address:** Aquaculture Development Program  
335 Merchant St., Rm. 348  
Honolulu, HI 96813  
**Phone:** (808) 587-0030  
**FAX:** (808) 587-0033  
**Publications:** Hawaii Aquaculture Advisory Council Report (annual) and a newsletter  
**Scope:** International; Species: All

**State:** Hawaii  
**Name:** International Association of Aquaculture Economics and Management  
**Contact:** Secretariat  
**Address:** IAAEM  
Department of Agricultural and Resource Economics  
University of Hawaii  
3050 Maile Way  
Gilmore 115  
Honolulu, HI 96822

**State:** Idaho  
**Contact:** Don Campbell  
**Name:** Idaho Aquaculture Association  
**Address:** P.O. Box 28  
Buhl, ID 83316  
**Phone:** (208) 543-4387  
**FAX:** (208) 543-9277  
**Publications:** Idaho Aquaculture News (quarterly); Idaho Aquaculture News Bulletin (monthly)  
**Scope:** State only; Species: Covers all species raised in Idaho

**State:** Illinois  
**Contact:**  
**Name:** Illinois Aquaculture Industry Association  
**Address:** Fisheries Research Lab  
Southern Illinois University at Carbondale  
Carbondale, IL 62901  
**Phone:** (618) 453-6025  
**FAX:** (618) 536-7761  
**Publication:** IAIA Newsletter (biannually)  
**Scope:** State only; All species

**State:** Indiana  
**Contact:** Ernest Bailey, Treasurer  
**Name:** Indiana Aquaculture Association  
**Address:** 1821 E. Co. Rd. 400 S.  
Greensburg, IN 47240  
**Phone:** (812) 663-7109  
**Publication:** Indiana Aquaculture Association Newsletter (quarterly)  
**Scope:** State only; Species: Aquaculture species raised in Indiana

**State:** Iowa  
**Contact:** Curt Stutzman  
**Name:** American Tilapia Association  
**Address:** 4943 Cosgrove Rd., S.W.  
Kalona, IA 52247  
**Phone:** (319) 683-2495  
**FAX:** (319) 683-2995  
**Publications:** Quarterly newsletter; Annual Tilapia Status Report (quarterly)  
**Scope:** International membership; Species: Tilapia

**State:** Iowa

**Contact:** Myron Kloubec  
**Name:** Iowa Aquaculture Association  
**Address:** Midwest Aquaculture Learning Center  
1375 Baxter Ave. N.W.  
Amana, IA 52203  
**Phone:** (319) 846-2077  
**FAX:** (319) 846-8099  
**Publication:** Newsletter (published three times per year)  
**Scope:** State only; Species: All species

**State:** Kansas

**Contact:** Charles W. Wallace  
**Name:** Kansas Commercial Fish Growers Association  
**Address:** RRI, Box 216  
Marion, KS 66861  
**Phone:** (316) 382-2321  
**Scope:** State only; Species: Pond stocking/restocking organization

**State:** Kentucky

**Contact:** Chris Kringee  
**Name:** Kentucky Aquaculture Association  
**Address:** Kentucky Department of Agriculture  
100 Fair Oaks Lane, Ste. 252  
Frankfort, KY 40601  
**Phone:** (502) 564-6571  
**FAX:** (502) 564-7852  
**Scope:** Regional; Kentucky aquaculturists

**State:** Louisiana

**Contact:** Jay V. Huner, General Manager  
**Name:** International Association of Astacology  
**Address:** P.O. Box 44650  
University of Southwestern Louisiana  
Lafayette, LA 70504-4650  
**Phone:** (318) 231-5239  
**FAX:** (318) 231-5395  
**Publication:** Freshwater Crayfish, A Journal of Astacology (biennial); Crayfish News (quarterly)  
**Scope:** International; Species: Freshwater Crayfishes

**State:** Louisiana  
**Contact:** Mark Shirley, Secretary/Treasurer  
**Name:** Louisiana Alligator Farmers and Ranchers Association  
**Address:** 1105 W. Port  
Abbeville, LA 70510  
**Phone:** (318) 898-4335  
**FAX:** (318) 898-4309  
**Scope:** State only; Species: Alligators

**State:** Louisiana  
**Contact:** Greg Lutz, Secretary  
**Name:** Louisiana Aquaculture Association  
**Address:** P.O. Box 16008  
Baton Rouge, LA 70893  
**Phone:** (504) 388-2152  
**FAX:** (504) 388-2478  
**E'mail:** xtlutz@lsuvmvs.sncc.lsu.edu  
**Scope:** Open to all interested (regional, national, or international); Species: All species cultured in Louisiana

**State:** Louisiana  
**Contact:** Huey Priest, President  
**Name:** Louisiana Catfish Farmers Association, Inc.  
**Address:** P.O. Box 16011  
Baton Rouge, LA 70893  
**Phone:** (318) 724-7779  
**FAX:** (504) 388-2478  
**Publication:** Quarterly newsletter  
**Scope:** State only; Species: Catfish

**State:** Louisiana  
**Contact:** Wendell Lorio, Secretary  
**Name:** Louisiana Crawfish Farmers Association  
**Address:** Rm. 202 B Knapp Hall  
Louisiana Cooperative Extension Service  
Louisiana State University  
Baton Rouge, LA 70803-1900  
**Phone:** (504) 388-2152  
**FAX:** (504) 388-2478  
**E'mail:** XTECON@LSUVM.SNCC.LSU.EDU  
**Scope:** State only; Species: Crawfish



**State:** Louisiana  
**Contact:** Jay V. Huner, Secretary/Treasurer  
**Name:** Louisiana Soft-Shell Crawfish Association  
**Address:** P.O. Box 44509  
Lafayette, LA 70504-4509  
**Phone:** (318) 231-5239  
**FAX:** (318) 231-5395  
**Publication:** Soft-Shell Crawfish Association Newsletter (annual or biannual)  
**Scope:** State only; Species: Freshwater Crawfishes

**State:** Louisiana  
**Contact:** Betty Rombach  
**Name:** U.S. Aquaculture Suppliers Association  
**Address:** 4640 S. Carrollton Ave., Ste. 2E  
New Orleans, LA 70119  
**Phone:** (504) 486-9868; (800) 527-7631  
**FAX:** (504) 488-4135  
**Publication:** Annual directory of membership  
**Scope:** National; Suppliers to the industry

**State:** Louisiana  
**Contact:** Juliette Massey  
**Name:** World Aquaculture Society  
**Address:** 143 J. M. Parker Coliseum  
Louisiana State University  
Baton Rouge, LA 70803  
**Phone:** (504) 388-3137  
**FAX:** (504) 388-3493  
**Publications:** World Aquaculture (quarterly); Journal of the World Aquaculture Society  
(quarterly)  
**Scope:** International; Species: All

**State:** Maine  
**Contact:** Endicott P. Davison  
**Name:** Maine Aquaculture Association  
**Address:** 141 N. Main St., Ste. 203  
Brewer, ME 04412  
**Phone:** (207) 989-5310  
**FAX:** (207) 989-5795  
**Publication:** Newsletter (3-4 times per year)  
**Scope:** State only; Species: Salmon, Steelhead, Oysters, Softshell Clams, and Blue  
Mussels

**State:** Maryland  
**Contact:** Tom Hopkins, President  
**Name:** Maryland Aquaculture Association  
**Address:** P.O. Box 129  
Boyds, MD 20841-0129  
**Phone:** (301) 972-2600  
**FAX:** (301) 540-7322  
**Publication:** Newsletter (3-4 times per year)  
**Scope:** Regional/concentrated in the State; Species: All in general

**State:** Massachusetts  
**Contact:** Richard Nelson  
**Name:** Massachusetts Aquaculture Association  
**Address:** P.O. Box 209  
Barnstable, MA 02630  
**Phone:** (508) 362-2511  
**Scope:** Broad based; Massachusetts only

**State:** Michigan  
**Contact:** Bob Baldwin  
**Name:** Michigan Fish Growers Association  
**Address:** 19465 200th Ave.  
Big Rapids, MI 49307  
**Phone:** (616) 796-2284  
**FAX:** (616) 796-2284 (same as phone)  
**Publication:** Fish Growers Letter (4 times per year)  
**Scope:** State only; Species: Trout, plus other species raised in the State

**State:** Minnesota  
**Contact:** Gloria Olson, Secretary/Treasurer  
**Name:** Minnesota Aquaculture Association  
**Address:** HC 83 Box 538  
Pequot Lakes, MN 56472  
**Phone:** (218) 543-6424  
**Publication:** The Catch (quarterly newsletter)  
**Scope:** Statewide; Species: All types of fish raised by private parties

**State:** Mississippi  
**Contact:** Hugh Warren, Executive Vice President  
**Name:** Catfish Farmers of America  
**Address:** 1100 Hwy. 82E, Ste. 202  
Indianola, MS 38751  
**Phone:** (601) 887-2699  
**FAX:** (601) 887-6857  
**Publication:** Catfish Journal (monthly)  
**Scope:** National; Species: Catfish (specifically)

**State:** Mississippi  
**Contact:** Judy Randall, Executive Secretary  
**Name:** Catfish Farmers of Mississippi  
**Address:** P.O. Box 1008  
Indianola, MS 38751  
**Phone:** (601) 887-4842  
**FAX:** (601) 887-6749  
**Scope:** Regional; Species: Catfish

**State:** Missouri  
**Contact:** Chuck Hicks  
**Name:** Missouri Fish Farmers Association  
**Address:** P.O. Box 6864  
Jefferson City, MO 65102-6864  
**Phone:** (314) 526-6666  
**FAX:** (314) 751-2868  
**Scope:** State only; Species: Those species raised in Missouri

**State:** Nebraska  
**Contact:** Wilbur G. Epp  
**Name:** Nebraska Fish Farmers Association, Inc.  
**Address:** Rt. 1, Box 199  
Henderson, NE 68371  
**Phone:** (402) 723-4210  
**FAX:** (402) 723-4451  
**Scope:** State only; Species: All, mainly Trout, Salmon, Bluegill

**State:** New Jersey  
**Contact:** George (Gef) Flimlin  
**Name:** New Jersey Aquaculture Association  
**Address:** 1623 Whitesville Rd.  
Toms River, NJ 08755  
**Phone:** (908) 349-1152  
**FAX:** (908) 505-8941  
**Scope:** State only; Species: All

**State:** New York  
**Contact:** Stephen Tettelbach  
**Name:** National Shellfisheries Association  
**Address:** Natural Science Division  
Long Island University  
Southampton, NY 11968  
**Phone:** (516) 287-8407  
**FAX:** (516) 287-8419  
**E'mail:** TETTELBA@SEAWEED.LIUNET.EDU  
**Publications:** Journal of Shellfish Research (published in June and December); Newsletter  
(4 times per year)  
**Scope:** International; Species: Shellfish (mainly Mollusks and Crustaceans)

**State:** New York  
**Contact:** Norman Soule, Secretary/Treasurer  
**Name:** New York State Aquaculture Association  
**Address:** P.O. Box 29  
Cold Spring Harbor, NY 11724  
**Phone:** (516) 692-6768  
**Publication:** NYAA Newsletter (irregular)  
**Scope:** State only; Species: All species raised in the State; general organization for  
all aquaculture operations

**State:** North Carolina  
**Contact:** Steve Gabel, Area Specialized Agent, Aquaculture  
**Name:** North Carolina Crawfish Producers Association  
**Address:** P.O. Box 1030  
Edenton, NC 27932  
**Phone:** (919) 482-8431  
**FAX:** (919) 482-4925  
**Scope:** Regional; Species: Crawfish

**State:** North Carolina  
**Contact:** Debra Sloan, President  
**Name:** North Carolina Trout Growers Association  
**Address:** 22 Sugar Cove Rd.  
Franklin, NC 28734  
**Note:** Previously called the Southern Appalachian Trout Growers Association  
**Phone:** (704) 524-5020

**State:** North Carolina  
**Name:** Southern Appalachian Trout Growers Association  
See North Carolina Trout Growers Association

**State:** North Carolina  
**Contact:** Ronald Hodson  
**Name:** Striped Bass Growers Association  
**Address:** Marine Resources Research Institute  
P.O. Box 5452  
Raleigh, NC 27650-5452  
**Phone:** (919) 515-2454  
**FAX:** (919) 515-7095  
**E'mail:** Ronald\_Hodson@NCSU.edu  
**Publication:** Semi-annual report/newsletter to membership  
**Scope:** National; Species: Striped Bass, Hybrids, White Bass

**State:** Ohio  
**Contact:** Jim Ebeling  
**Name:** Ohio Aquaculture Association  
**Address:** Ohio State University  
Piketon Research and Extension Center  
1864 Shyville Rd.  
Piketon, OH 45661  
**Phone:** (614) 289-2071  
**FAX:** (614) 289-4591  
**E'mail:** JIM@OAK.PREC.OHIO-STATE.EDU  
**Scope:** State only; Species: Pond stocking species

**State:** Oklahoma  
**Contact:** Glen Gebhart  
**Name:** Oklahoma Aquaculture Association  
**Address:** 3810 S. Sangre Rd.  
Stillwater, OK 74074  
**Phone:** (405) 377-0092  
**Publication:** Newsletter (published on an as-needed basis)  
**Scope:** State only; Species: All, but mainly those raised and sold in the State

**State:** Pennsylvania  
**Contact:** Charles Conklin, President  
**Name:** Pennsylvania Aquaculture Association  
**Address:** 930 Tulpehocken Rd.  
Richmond, PA 17087  
**Phone:** (717) 866-2461  
**Publication:** Quarterly newsletter  
**Scope:** State only; Species: All species raised in Pennsylvania

**State:** Pennsylvania  
**Contact:** Charles Conklin, President  
**Name:** Pennsylvania Trout Farmers Association  
**Address:** P.O. Box 484  
Effort, PA 18330  
**Phone:** (215) 681-6660  
**Publication:** Quarterly newsletter  
**Scope:** State (w/some regional); Species: Trout

**Commonwealth:** Puerto Rico  
**Name:** Caribbean Aquaculture Association  
**Address:** Department of Marine Sciences  
University of Puerto Rico  
Mayaguez Campus  
Mayaguez, PR 00681-5000  
**Phone:** (809) 899-2048  
**FAX:** (809) 899-5500  
**Publication:** Caribbean Aquaculturist (newsletter published three times per year)  
**Scope:** Regional; Species: Tropical species in the Caribbean

**State:** South Carolina  
**Contact:** Betsy Sheehan  
**Name:** South Carolina Aquaculture Association  
**Address:** P.O. Box 11280  
Columbia, SC 29211  
**Phone:** (803) 734-2210  
**FAX:** (803) 734-2192  
**Scope:** State only; Species: Shrimp, Hybrid Striped Bass, Crawfish, Clams, Oysters, Catfish, Red Drum Tilapia, and other finfish species

**State:** South Carolina  
**Contact:** James Guy, Secretary/Treasurer  
**Name:** South Carolina Crawfish Growers  
**Address:** 215 Stockton Rd.  
Rembert, SC 29128  
**Phone:** (803) 432-5312  
**Publication:** Quarterly newsletter  
**Scope:** Regional; Species: Crawfish

**State:** Tennessee  
**Contact:** Thomas Mitchell  
**Name:** Tennessee Aquaculture Association  
**Address:** 88 Greenbriar Rd.  
Lawrenceburg, TN 38464  
**Phone:** (615) 762-2672  
**FAX:** (615) 762-1020  
**Publication:** Farming Tennessee Waters (quarterly)  
**Scope:** Statewide

**State:** Texas  
**Name:** Texas Aquaculture Association (TAA)  
**Address:** P.O. Box 13285  
Capitol Station  
Austin, TX 78711  
**Phone:** (512) 474-4600  
**FAX:** (512) 345-7869  
**Publication:** Aquanotes (bimonthly)  
**Scope:** Regional; Species: Catfish, Crawfish, Tilapia, Alligators, Hybrid Striped Bass, Redfish, Shrimp, and Bait and Stocker Fish

**State:** Texas  
**Name:** TAA Aquatic Plant Section  
**Address:** Rte. 2, Box 65  
Marion, TX 78124  
**Phone:** (512) 659-5841  
**Scope:** Aquatic plants

**State:** Texas  
**Contact:** John Gaulding, President  
**Name:** TAA Crawfish Section  
**Address:** Box 289  
Winnie, TX 77665  
**Phone:** (409) 296-4533  
**Scope:** State only; Species: Crawfish

**State:** Texas  
**Contact:** Rocille Brawner, President  
**Name:** TAA Ornamental/Tropical Section  
**Address:** 114 W. Crews  
Karnes City, TX 78118  
**Phone:** (210) 780-4356  
**Publication:** On Track (quarterly)  
**Scope:** State only; Species: Any freshwater species used in the aquarium trade

**State:** Texas  
**Contact:** Beau Nelson, President  
**Name:** TAA Shrimp Farmers Section  
**Address:** Rte. 2, Box 442-E  
San Benito, TX 78586  
**Phone:** (210) 748-2333  
**FAX:** (210) 748-3600  
**Scope:** Sell to national scope; Species: Shrimp

**State:** Utah  
**Contact:** Mark Leavitt  
**Name:** Utah Aquaculture Association  
**Address:** P.O. Box 310  
Loa, UT 84747  
**Phone:** (801) 836-2485  
**FAX:** (801) 836-2489  
**Scope:** State only; Species: Salmonids and Ornamentals



**State:** Virginia  
**Contact:** Roy E. Martin, Executive Director  
**Name:** National Aquaculture Council  
**Address:** Ste. 500  
1525 Wilson Blvd.  
Arlington, VA 22209  
**Phone:** (703) 524-8883  
**FAX:** (703) 524-4619  
**Scope:** National level; Species: All

**State:** Virginia  
**Contact:** Bradley Powers, President  
T. Robins Buck, Secretary-Treasurer  
**Name:** National Association of State Aquaculture Coordinators  
**Address:** P.O. Box 1163  
Richmond, VA 23209  
**Phone:** (804) 371-6094  
**FAX:** (804) 371-7786  
**Publication:** Newsletter  
**Scope:** National

**State:** Virginia  
**Contact:** Roy E. Martin  
**Name:** National Fisheries Institute  
**Address:** Ste. 500  
1525 Wilson Blvd.  
Arlington, VA 22209  
**Phone:** (703) 524-8880  
**FAX:** (703) 524-4619  
**Publication:** Flashes (bimonthly)  
**Scope:** National and international level; Species: All except tropical

**State:** Virginia  
**Contact:** Roy E. Martin  
**Name:** Shellfish Institute of North America  
**Address:** Div. of National Fisheries Institute  
Ste. 500  
1525 Wilson Blvd.  
Arlington, VA 22209  
**Phone:** (703) 524-8883  
**FAX:** (703) 524-4619  
**Scope:** International; Species: All Shellfish

**State:** Virginia  
**Contact:** James Conway  
**Name:** Virginia Fish Farmers Association  
**Address:** 3906 Traylor Dr.  
Richmond, VA 23235-1760  
**Phone:** (804) 320-8968  
**Publication:** VFFA Newsletter (monthly)  
**Scope:** Statewide; Species: Hybrid Striped Bass, Rainbow Trout, Tilapia, some Shellfish, Catfish

**State:** Virginia  
**Contact:** Chip Petre  
**Name:** Virginia Shellfish Growers Association  
**Address:** 421-B Messick Rd.  
Poquoson, VA 23662  
**Phone:** (804) 868-6058  
**Publication:** Newsletter  
**Scope:** Shellfish in Virginia

**State:** Virginia  
**Contact:** Bryan Plemmons  
**Name:** Virginia Trout Farmers Association  
**Address:** Rte. 1, Box 151  
Goshen, VA 24439  
**Phone:** (703) 997-5461  
**Publication:** OVTFA newsletter (quarterly)  
**Scope:** State only; Species: Trout

**State:** Washington  
**Contact:** Brian Allee  
**Name:** American Fisheries Society  
**Address:** Harza N.W. 2353  
130th Ave., N.E.  
Bellevue, WA 98005  
**Phone:** (206) 882-2455  
**FAX:** (206) 883-7555  
**Publication:** Quarterly newsletters  
**Scope:** International (focused on North America); Species: All

**State:** Washington  
**Name:** Chilean Salmon Farmers  
**Address:** 1008 Western Ave., Ste. 301  
Seattle, WA 98104  
**Phone:** (206) 233-9101  
**FAX:** (206) 464-0879  
**Scope:** International; Species: Salmon

**State:** Washington  
**Contact:** Tim Smith, Executive Director  
**Name:** Pacific Coast Oyster Growers Association  
**Address:** 120 State Ave., N.E. #142  
Olympia, WA 98501-8212  
**Phone:** (206) 459-2828  
**FAX:** (206) 459-2829  
**Publication:** PCOGA Newsletter (2-3 times per year)  
**Scope:** Regional; Species: All Shellfish

**State:** Washington  
**Contact:** Pete Granger  
**Name:** Washington Farmed Salmon Commission  
**Address:** P.O. Box 5305  
Bellingham, WA 98227  
**Phone:** (206) 671-1997  
**FAX:** (206) 671-2271  
**Publication:** Fresh Tales (quarterly)  
**Scope:** Statewide; Species: Salmon

**State:** Washington  
**Contact:** Dan Swecker, Executive Director  
**Name:** Washington Fish Growers Association  
**Address:** 10420 173rd Ave., S.W.  
Rochester, WA 98579  
**Phone:** (206) 273-5890  
**FAX:** (206) 273-6577  
**Publication:** WFGA Newsletter  
**Scope:** Statewide; Species: All fish produced in region; Salmonids

**State:** Washington  
**Contact:** David C. McMillin, President  
**Name:** West Coast Clam Growers Association  
**Address:** c/o Olympia Oyster Company  
SE 1042 Bloomfield Rd.  
Shelton, WA 98584  
**Phone:** (206) 426-3354  
**FAX:** (206) 427-0122  
**Scope:** Regional (mostly state); Species: Clams

**District:** Washington, DC  
**Contact:** Nina Selin, President  
**Name:** National Aquarium Society  
**Address:** U.S. Department of Commerce Bldg.  
14th St. and Constitution Ave., N.W.  
Washington, DC 20230  
**Phone:** (202) 482-4484

**District:** Washington, DC  
**Contact:** Andrew Loftus, Research Specialist  
**Name:** Sport Fishing Institute  
**Address:** Ste. 200  
1033 N. Fairfax St.  
Alexandria, VA 22314  
**Phone:** (703) 519-9691  
**FAX:** (703) 519-1872  
**Publications:** SFI Bulletin (monthly); Sport Fishing News (monthly)  
**Scope:** Species: All

**State:** West Virginia  
**Name:** National Aquaculture Association  
**Address:** P.O. Drawer 1569  
Shepherdstown, WV 25443  
**Phone:** (304) 876-2251; (800) 626-3301  
**FAX:** (304) 876-0946  
**Publication:** NAA Newsletter  
**Scope:** Umbrella organization serving 33 other associations. Broad scope covers most species

**State:** West Virginia  
**Contact:** Joe McCraren  
**Name:** U.S. Trout Farmers Association  
**Address:** P.O. Box 220  
Harper's Ferry, WV 25425  
**Phone:** (304) 876-6666  
**FAX:** (304) 876-0946  
**Publication:** Salmonid Magazine  
**Scope:** Species: Trout; some Salmonids

**State:** Wisconsin  
**Contact:** Hugo Kettula, Secretary/Treasurer  
**Name:** Wisconsin Aquaculture Association  
**Address:** Box 15  
Lewis, WI 54851  
**Phone:** (715) 653-2271  
**Publication:** The Creel (4 times per year)  
**Scope:** Regional (Midwest); Species: All

## Section VI: Selected Extension Contacts

The following extension contacts are listed alphabetically by State. Please contact the person in your area for best information on appropriate species, regional and State regulations, general and specific information on aquaculture, and aquaculture information specific to your area.

**State: Alabama**

**Contact:** John Jensen  
**Name:** Auburn University  
**Address:** Fisheries and Allied Aquacultures  
Auburn, AL 36849-5628  
**Phone:** (205) 844-9211

**State: Alaska**

**Contact:** Donald E. Kramer, Leader  
**Name:** University of Alaska-Fairbanks  
**Address:** Alaska Sea Grant Program Marine Advisory Program  
2221 E. Northern Lights Blvd., Ste. 110  
Anchorage, AK 99508-4140  
**Phone:** (907) 274-9691  
**FAX:** (907) 277-5242

**State: Arizona**

**Contact:** Patty Baciewicz  
**Name:** University of Arizona  
**Address:** Agriculture-Natural Resources  
Arizona Cooperative Extension Service  
301 Forbes Bldg.  
Tucson, AZ 85721  
**Phone:** (602) 621-7205

**State: Arkansas**

**Contact:** Nathan Stone  
**Name:** University of Arkansas at Pine Bluff  
**Address:** P.O. Box 4005  
Pine Bluff, AR 71601  
**Phone:** (501) 543-8136

**State:** California  
**Contact:** Fred S. Conte  
**Name:** University of California-Davis  
**Address:** Department of Animal Sciences  
Davis, CA 95616  
**Phone:** (916) 752-7490

**State:** Colorado  
**Contact:** W. Dennis Lamm  
**Name:** Colorado State University  
**Address:** Cooperative Extension  
1 Administration Bldg.  
Fort Collins, CO 80523  
**Phone:** (303) 491-6208

**State:** Connecticut  
**Contact:** Nancy Balcolm  
**Name:** University of Connecticut  
**Address:** Sea Grant Marine Advisory Program  
Cooperative Extension  
1084 Shennecossett Rd.  
Groton, CT 06340  
**Phone:** (203) 445-3455

**State:** Delaware  
**Contact:** John Ewart  
**Name:** College of Marine Studies  
**Address:** University of Delaware  
700 Pilottown Rd.  
Lewes, DE 19958-1298  
**Phone:** (302) 645-4060

**State:** Delaware  
**Contact:** Bernard Petrosky  
**Name:** Delaware State University  
**Address:** Department of Agriculture and Natural Resources  
Dover, DE 19901  
**Phone:** (302) 739-5189

**District:** District of Columbia  
**Contact:** Harriette Phelps  
**Name:** University of the District of Columbia  
**Address:** Biology Department  
4200 Connecticut Ave., N.W., Bldg. 44  
Washington, DC 20008  
**Phone:** (202) 282-7364

**Federation:** Federated States of Micronesia

**Contact:** Steve Lindsay  
**Name:** College of Micronesia  
**Address:** Cooperative Extension Service  
Agriculture Research Station  
Drawer F  
Kolonias, Pohnpei, FSM 96941  
**Phone:** (691) 320-2728 or (691) 320-2727

**State:** Florida

**Contact:** Charles E. Cichra  
**Name:** University of Florida  
**Address:** Department of Fisheries and Aquaculture  
IFAS  
Gainesville, FL 32611  
**Phone:** (904) 392-9617

**State:** Georgia

**Contact:** George Lewis  
**Name:** University of Georgia  
**Address:** Extension Aquaculture and Fisheries Department  
Athens, GA 30602  
**Phone:** (706) 542-1924

**Territory:** Guam

**Contact:** David Crisostomo  
**Name:** University of Guam  
**Address:** Cooperative Extension Service  
UOG Station  
Mangilao, Guam 96923  
**Phone:** (671) 734-2518 Ext. 3702



**State:** Hawaii  
**Contact:** (open)  
**Name:** University of Hawaii  
**Address:** Sea Grant Extension Service  
1000 Pope Rd., MSB 226  
Honolulu, HI 96822  
**Phone:** (808) 956-2869

**State:** Idaho  
**Contact:** Ernie Brannon  
**Name:** University of Idaho  
**Address:** Aquaculture Institute  
Moscow, ID 83843  
**Phone:** (208) 885-5830  
**FAX:** (208) 885-5968

**State:** Idaho  
**Contact:** Gary Fornshell  
**Address:** Twin Falls County Extension Office  
246 Third Ave., E.  
Twin Falls, ID 83301  
**Phone:** (303) 491-6281

**State:** Illinois  
**Contact:** Aquaculture Extension Specialist [Position Vacant]  
**Name:** Southern Illinois University  
**Address:** Fisheries Research Laboratory  
Carbondale, IL 62901-6511  
**Phone:** (618) 453-6025

**State:** Indiana/Illinois  
**Contact:** LaDon Swann  
**Name:** Purdue University  
**Address:** Department of Animal Science  
West Lafayette, IN 47907  
**Phone:** (317) 494-6264

**State:** Iowa  
**Contact:** Joseph E. Morris  
**Name:** Iowa State University  
**Address:** Department of Animal Ecology  
124 Sciences Hall II  
Ames, IA 50011-3221  
**Phone:** (515) 294-4622

**State:** Kansas  
**Contact:** F. Robert Henderson  
**Name:** Kansas State University  
**Address:** Department of Animal Science  
128 Call Hall  
Manhattan, KS 66506  
**Phone:** (913) 532-1210

**State:** Kentucky  
**Contact:** Robert M. Durborow  
**Name:** Kentucky State University  
**Address:** Cooperative Extension Program  
Aquaculture Research Center  
Athletic Dr.  
Frankfort, KY 40601  
**Phone:** (502) 227-6581

**State:** Louisiana  
**Contact:** Wendell Lorio  
**Name:** Louisiana State University  
**Address:** Louisiana Cooperative Extension Service  
Rm. 202-G, Knapp Hall  
Baton Rouge, LA 70803  
**Phone:** (504) 388-2152

**State:** Maine  
**Contact:** Conrad W. Griffin  
**Name:** University of Maine  
**Address:** Cooperative Extension Service  
110B Libby Hall  
Orono, ME 04469  
**Phone:** (207) 581-3181

**State:** Maryland  
**Contact:** Thomas Handwerker, Director  
**Name:** University of Maryland-Eastern Shore  
**Address:** Small Farm Institute  
Princess Anne, MD 21853  
**Phone:** (410) 651-6623

**State:** Maryland  
**Contact:** Don Webster  
**Name:** University of Maryland  
**Address:** Wye Research and Education Center  
P.O. Box 169  
Queenstown, MD 21658  
**Phone:** (410) 827-8056

**State:** Massachusetts  
**Contact:** Karl Rask  
**Name:** University of Massachusetts  
**Address:** Barnstable County Office  
Deeds and Probate Bldg.  
Barnstable, MA 02630  
**Phone:** (508) 362-2511

**State:** Michigan  
**Contact:** Donald L. Garling  
**Name:** Michigan State University  
**Address:** Department of Fisheries and Wildlife  
9A Natural Resources Bldg.  
East Lansing, MI 48824  
**Phone:** (517) 353-1989

**State:** Minnesota  
**Contact:** Jeff Gunderson  
**Name:** University of Minnesota-Duluth  
**Address:** Minnesota Sea Grant Extension Program  
208 Washburn Hall  
Duluth, MN 55812  
**Phone:** (218) 726-8715

**State:** Mississippi  
**Contact:** Marty Brunson  
**Name:** Mississippi State University  
**Address:** Mississippi Cooperative Extension Service  
P.O. Box 5446  
Mississippi State, MS 39762  
**Phone:** (601) 325-3174

**State:** Missouri  
**Contact:** Robert A. Pierce, II  
**Name:** University of Missouri-Columbia  
**Address:** Forestry, Fisheries and Wildlife Extension  
1-25, Agriculture Bldg.  
Columbia, MO 65211  
**Phone:** (314) 882-4337

**State:** Montana  
**Contact:** Oakley Winters  
**Name:** Montana State University  
**Address:** College of Agriculture/Extension Service  
Bozeman, MT 59717  
**Phone:** (406) 994-3681

**State:** Nebraska  
**Contact:** Terrence B. Kayes  
**Name:** University of Nebraska-Lincoln  
**Address:** Department of Forestry, Fisheries and Wildlife  
12 Plant Industry Bldg.  
East Campus Mall  
Lincoln, NE 68583-0814  
**Phone:** (402) 472-8183

**State:** Nevada  
**Contact:** Janet Usinger-Lesquereux  
**Name:** University of Nevada-Reno  
**Address:** College of Agriculture (222)  
Reno, NV 89557-0004  
**Phone:** (702) 784-6611

**State:** New Hampshire  
**Contact:** Roland Barnaby  
**Name:** University of New Hampshire  
**Address:** Cooperative Extension Service  
113 North Rd.  
Brentwood, NH 03833  
**Phone:** (603) 679-5616

**State:** New Jersey  
**Contact:** George (Gef) Flimlin  
**Name:** Rutgers University  
**Address:** Agriculture Center  
Rutgers Cooperative Extension  
1623 Whitesville Rd.  
Toms River, NJ 08753  
**Phone:** (908) 349-1152

**State:** New York  
**Contact:** Michael Timmons  
**Name:** Cornell University  
**Address:** Agricultural and Biological Engineering  
312 Riley-Robb Hall  
Ithaca, NY 14853  
**Phone:** (607) 255-2801

**State:** New Mexico  
**Contact:** Michael Sloane  
**Name:** New Mexico State University  
**Address:** P.O. Box 4901  
Fish and Wildlife, Knox Hall  
Las Cruces, NM 88003  
**Phone:** (505) 646-7931

**State:** North Carolina  
**Contact:** Tom Losordo  
**Name:** North Carolina Cooperative Extension Service  
**Address:** Campus Box 7617  
North Carolina State University  
Raleigh, NC 27695-7617  
**Phone:** (919) 515-7587

**State:** North Carolina  
**Contact:** Robert Williamson, Natural Resources Specialist  
**Name:** North Carolina A&T State University  
**Address:** P.O. Box 21928  
Greensboro, NC 27420  
**Phone:** (919) 334-7543

**State:** North Dakota  
**Contact:** David L. Kliukebiel  
**Name:** North Dakota State University  
**Address:** Carrington Research Extension Center  
Box 219  
Carrington, ND 58421  
**Phone:** (701) 652-2951

**State:** Ohio  
**Contact:** James Ebeling  
**Name:** Ohio State University  
**Address:** Piketon Research and Extension Center  
P.O. Box 549  
Piketon, OH 45661-0549  
**Phone:** (614) 289-2071

**State:** Oklahoma  
**Contact:** Marley Beem  
**Name:** Oklahoma State University  
**Address:** Oklahoma Cooperative Extension Service  
P.O. Box 1378  
Ada, OK 74820  
**Phone:** (405) 332-4100  
**FAX:** (405) 332-8716

**State:** Oklahoma  
**Contact:** Glen Gebhart  
**Name:** Langston University  
**Address:** P.O. Box 730  
Langston, OK 73050  
**Phone:** (405) 466-3836

**State:** Oregon  
**Contact:** Jim Bergeron  
**Name:** Oregon State University  
**Address:** Astoria Seafood Laboratory  
250 36th St.  
Astoria, OR 97103  
**Phone:** (503) 325-8027

**State:** Pennsylvania  
**Contact:** David Evans  
**Name:** Pennsylvania State University  
**Address:** The Pennsylvania State University  
217 Agricultural Administration Bldg.  
University Park, PA 16802  
**Phone:** (814) 863-3438

**Common-wealth:** Puerto Rico  
**Contact:** Saul Wiscovich  
**Name:** University of Puerto Rico, Recinto  
**Address:** Natural Resources and Aquaculture  
EDOC Oficina 107  
Mayaguez, PR 00681  
**Phone:** (809) 832-4040

**State:** Rhode Island  
**Contact:** Michael Rice  
**Name:** University of Rhode Island  
**Address:** Department of Fisheries, Animals and Veterinary Sciences  
Kingston, RI 02881  
**Phone:** (401) 792-2114

**State:** South Carolina  
**Contact:** Tom Schwedler  
**Name:** Clemson University  
**Address:** Aquaculture, Fisheries and Wildlife Department  
Clemson, SC 29631  
**Phone:** (803) 656-2810

**State:** South Dakota  
**Contact:** Larry Tidemann  
**Name:** South Dakota State University  
**Address:** Cooperative Extension  
Ag Hall 154, Box 2207  
Brookings, SD 57007  
**Phone:** (605) 688-4147

**State:** Tennessee  
**Contact:** Tom Hill  
**Name:** University of Tennessee  
**Address:** P.O. Box 1071  
Tennessee Cooperative Extension Service  
Knoxville, TN 37901-1071  
**Phone:** (615) 974-7164

**State:** Texas  
**Contact:** James T. Davis  
**Name:** Texas A&M University  
**Address:** Wildlife and Fisheries Sciences Department  
College Station, TX 77843  
**Phone:** (409) 845-7473

**State:** Utah  
**Contact:** Terry Messmer  
**Name:** Utah State University  
**Address:** College of Natural Resources  
Department of Fish and Wildlife  
Logan, UT 84332-5210  
**Phone:** (801) 750-2459

**State:** Vermont  
**Contact:** Linda Marek-Howe  
**Name:** University of Vermont Extension System  
**Address:** RR 4, Box 2298  
Comstock Road-Berlin  
Montpelier, VT 05602  
**Phone:** (802) 656-3258



**Territory: Virgin Islands**

**Contact:** James Rakocy  
**Name:** University of the Virgin Islands  
**Address:** Agricultural Experiment Station  
RR2, 10,000 Kingshill  
St. Croix, VI 00850  
**Phone:** (809) 778-0246

**State: Virginia**

**Contact:** Brian Nerrie  
**Name:** Virginia State University  
**Address:** Virginia Cooperative Extension Service  
P.O. Box 540  
Petersburg, VA 23803  
**Phone:** (804) 524-5903

**State: Virginia**

**Contact:** Louis A. Helfrich  
**Name:** Virginia Polytechnic Institute and State University  
**Address:** 152 Cheatham Hall  
Blacksburg, VA 24061  
**Phone:** (703) 231-5059

**State: Washington**

**Contact:** Harry Burcalow  
**Name:** Washington State University  
**Address:** Cooperative Extension Service  
Pullman, WA 99164-6230  
**Phone:** (509) 335-2811

**State: Wisconsin**

**Contact:** Fred P. Binkowski  
**Name:** University of Wisconsin-Milwaukee  
**Address:** Center for Great Lakes Studies  
600 E. Greenfield Ave.  
Milwaukee, WI 53204  
**Phone:** (414) 382-1700  
**FAX:** (414) 382-1705

**State:** West Virginia  
**Contact:** Agnes M. Vanderpool Spicer  
**Name:** West Virginia University  
**Address:** Aquaculture Extension  
P.O. Box 130  
Elkins, WV 26241-0130  
**Phone:** (304) 636-2455

**State:** Wyoming  
**Contact:** Daryl Kautzman  
**Name:** University of Wyoming  
**Address:** Cooperative Extension Service  
P.O. Box 3354  
Laramie, WY 82071  
**Phone:** (307) 766-5124

## Section VII: State Aquaculture Coordinators and Contacts

The National Association of State Aquaculture Coordinators (NASAC), an affiliate of the National Association of State Departments of Agriculture (NASDA), is responsible for coordinating aquaculture programs at the State or territorial level. The purpose of NASAC is to promote, encourage, and assist the development of aquaculture in the United States by enhancing communication among Federal, State, local, and tribal governmental agencies, agricultural research and extension institutions, and trade and marketing associations. The following is a listing of State aquaculture coordinators and contacts.

- State:** Alabama  
**Contact:** A.W. Todd  
**Address:** Commissioner  
Department of Agriculture  
P.O. Box 3336  
Montgomery, AL 36109-0336  
**Phone:** (205) 242-2650  
**FAX:** (205) 240-3414
- State:** Alaska  
**Contact:** Janet Burleson  
**Address:** Department of Natural Resources  
Div. of Land and Water Management  
400 Willoughby Ave., 4th Floor  
Juneau, AK 99801  
**Phone:** (907) 465-3400  
**FAX:** (907) 586-2754
- Territory:** American Samoa  
**Contact:** Ta'alo P. Lauofo  
**Address:** Director  
Department of Agriculture  
Pago Pago, American Samoa 96799
- State:** Arkansas  
**Contact:** Ted McNulty  
**Address:** Development and Finance Authority  
100 Main St., Ste. 200  
P.O. Box 8023  
Little Rock, AR 72201  
**Phone:** (501) 682-5849  
**FAX:** (501) 682-5859

**State:** Arizona  
**Contact:** Richard Willer  
**Address:** State Veterinarian  
Department of Agriculture  
1688 W. Adams, Rm. 321  
Phoenix, AZ 85007  
**Phone:** (602) 542-4293  
**FAX:** (602) 542-3244

**State:** California  
**Contact:** Bob Hulbrock  
**Address:** Aquaculture Coordinator  
Department of Fish and Game  
1416 Ninth St., Rm. 1251  
Sacramento, CA 95814-2090  
**Phone:** (916) 653-9583  
**FAX:** (916) 653-8256

**State:** Colorado  
**Contact:** Jim Rubingh  
**Address:** Director of Marketing  
Department of Agriculture  
700 Kipling, Ste. 4000  
Lakewood, CO 80215-5894  
**Phone:** (303) 239-4114  
**FAX:** (303) 239-4125

**State:** Connecticut  
**Contact:** John H. Volk  
**Address:** Director, Aquaculture Division  
Department of Agriculture  
P.O. Box 97  
Milford, CT 06460  
**Phone:** (203) 874-2855  
**FAX:** (203) 783-4217

**State:** Delaware  
**Address:** Marketing/Development Administrator  
Department of Agriculture  
2320 S. Dupont Hwy.  
Dover, DE 19901-5515  
**Phone:** (302) 739-4811  
**FAX:** (302) 697-6287

**State:** Florida  
**Contact:** Paul Zajicek  
**Address:** Aquaculture Development Rep.  
Department of Agriculture and Consumer Services  
Bureau of Seafood and Aquaculture  
2051 E. Dirac Dr.  
Tallahassee, FL 32310-3760  
**Phone:** (904) 488-4033  
**FAX:** (904) 922-3671

**State:** Georgia  
**Contact:** Mike Spencer  
**Address:** Natural Resources, Game and Fisheries Division  
Department of Agriculture  
2123 U.S. Hwy. 278 S.E.  
Social Circle, GA 30279  
**Phone:** (404) 918-6418  
**FAX:** (706) 557-3040

**Territory:** Guam  
**Contact:** William J. Fitzgerald  
**Address:** Economic Development and Planning  
Department of Commerce  
590 S. Marine Dr., Ste. 601  
Tamuning, Guam, USA 96911  
**Phone:** (671) 646-5841  
**FAX:** (671) 646-7242

**State:** Hawaii  
**Contact:** John Corbin  
**Address:** Manager  
Aquaculture Development Program  
Department of Land and Natural Resources  
335 Merchant St., Ste. 348  
Honolulu, HI 96813  
**Phone:** (808) 587-0030  
**FAX:** (808) 587-0033

**State:** Idaho  
**Contact:** Phil Mamer  
**Address:** Division of Animal Industries  
Department of Agriculture  
P.O. Box 7249  
Boise, ID 83707  
**Phone:** (208) 334-3256  
**FAX:** (208) 334-2170

**State:** Illinois  
**Contact:** Delayne Holsapple  
**Address:** Aquaculture Coordinator  
Department of Agriculture  
State Fairgrounds  
P.O. Box 19281  
Springfield, IL 62794-9281  
**Phone:** (217) 782-6675  
**FAX:** (217) 524-5960

**State:** Indiana  
**Contact:** LaDon Swann  
**Address:** Sea Grant Program  
Purdue University  
1026 Poultry Bldg.  
W. Lafayette, IN 47907-1026  
**Phone:** (317) 494-6264  
**FAX:** (317) 494-9347

**State:** Iowa  
**Contact:** Camille A. Valley  
**Address:** Diversification Bureau  
Marketing Division  
Department of Agriculture  
Wallace Bldg.  
Des Moines, IA 50319  
**Phone:** (515) 281-5402  
**FAX:** (515) 281-6236

**State:**       **Kansas**

**Contact:**    Ken Boughton  
**Address:**    Marketing Program Coordinator  
                  State Board of Agriculture  
                  901 S. Kansas Ave.  
                  Topeka, KS 66612-1282  
**Phone:**       (913) 296-3736  
**FAX:**         (913) 296-2247

**State:**       **Kentucky**

**Contact:**    Chris Kring  
**Address:**    Marketing Specialist  
                  Department of Agriculture  
                  100 Fair Oaks Lane, Ste. 222  
                  Frankfort, KY 40601  
**Phone:**       (502) 564-6571  
**FAX:**         (502) 564-7852

**State:**       **Louisiana**

**Contact:**    Bryce Malone  
**Address:**    Assistant Commissioner  
                  Department of Agriculture and Forestry  
                  P.O. Box 3334  
                  Baton Rouge, LA 70821-3334  
**Phone:**       (504) 922-1277  
**FAX:**         (504) 922-1289

**State:**       **Maine**

**Contact:**    Ken Honey  
**Address:**    Aquaculture Administrator  
                  Department of Marine Resources  
                  McKown Point Rd.  
                  West Booth Bay Harbor, ME 04575  
**Phone:**       (207) 633-9500  
**FAX:**         (207) 633-7109

**State:** Maryland

**Contact:** Bradley H. Powers  
**Address:** Aquaculture Coordinator  
Department of Agriculture  
50 Harry S. Truman Parkway  
Annapolis, MD 21401-7080  
**Phone:** (410) 841-5724  
**FAX:** (410) 841-5987

**State:** Massachusetts

**Contact:** Diane Baedeker  
**Address:** Department of Food and Agriculture  
100 Cambridge St.  
Boston, MA 02202  
**Phone:** (617) 727-3018, Ext. 170  
**FAX:** (617) 727-7235

**State:** Michigan

**Contact:** Bob Craig  
**Address:** Director, Agricultural Policy and Special Projects  
Department of Agriculture  
P.O. Box 30017  
Lansing, MI 48909  
**Phone:** (517) 373-1050  
**FAX:** (517) 335-1423

**State:** Minnesota

**Contact:** Ying Q. Ji  
**Address:** Aquaculture Coordinator  
Department of Agriculture  
90 W. Plato Blvd.  
St. Paul, MN 55107  
**Phone:** (612) 296-5081  
**FAX:** (612) 296-6890

**State:** Mississippi

**Contact:** Roger E. Barlow  
**Address:** Director of Marketing  
Department of Agriculture and Commerce  
P.O. Box 1609  
Jackson, MS 39215-1609  
**Phone:** (601) 354-7097  
**FAX:** (601) 354-6001



**State:** Missouri  
**Contact:** S. Wayne Yokley  
**Address:** Division Director  
Market Development Division  
Department of Agriculture  
P.O. Box 630  
Jefferson City, MO 65102  
**Phone:** (314) 751-2613  
**FAX:** (314) 751-2868

**State:** Montana  
**Contact:** Carol Hannah  
**Address:** Department of Agriculture  
Agriculture Development Division  
P.O. Box 200201  
Helena, MT 59620-0201  
**Phone:** (406) 444-2402  
**FAX:** (406) 444-5409

**State:** Nebraska  
**Contact:** Bonnie Stauffer  
**Address:** Agriculture Promotion Specialist  
Department of Agriculture  
P.O. Box 94947  
Lincoln, NE 68509  
**Phone:** (402) 471-4876; (800) 422-6692  
**FAX:** (402) 471-2759

**State:** Nevada  
**Contact:** Kevin C. Kesler  
**Address:** University of Nevada Reno  
Nevada Cooperative Extension  
Mail Stop 189  
Reno, NV 89557-0106  
**Phone:** (702) 784-6611  
**FAX:** (702) 784-4227

**State:** New Hampshire  
**Contact:** Victoria Sokol Smith  
**Address:** Aquaculture Coordinator  
Department of Agriculture  
P.O. Box 2042  
Concord, NH 03302-2042  
**Phone:** (603) 271-2753  
**FAX:** (603) 271-1109

**State:** New Jersey  
**Contact:** Linda O' Dierno  
**Address:** Fish and Seafood Promotion  
Department of Agriculture  
CN 330, Rm. 204  
Trenton, NJ 08625  
**Phone:** (609) 292-2472  
**FAX:** (609) 633-2550

**State:** New Mexico  
**Contact:** Frank A. DuBois  
**Address:** Director/Secretary  
Department of Agriculture  
P.O. Box 30005, Department 3189  
Las Cruces, NM 88003-0005  
**Phone:** (505) 646-3007  
**FAX:** (505) 646-3303

**State:** New York  
**Contact:** Jonathan Thomson  
**Address:** Economic Development Specialist  
Department of Agriculture and Markets  
II Winners Circle  
Albany, NY 12208  
**Phone:** (518) 457-4383  
**FAX:** (518) 457-2716

**State:** North Carolina  
**Contact:** Tom Ellis  
**Address:** Program Coordinator  
Department of Agriculture  
P.O. Box 27647  
Raleigh, NC 27611-7647  
**Phone:** (919) 733-7125  
**FAX:** (919) 733-1141

**State:** North Dakota  
**Contact:** Sarah Nordby  
**Address:** Research Analyst  
Department of Agriculture  
600 E. Blvd., 6th Floor  
Bismarck, ND 58505-0020  
**Phone:** (701) 224-4757  
**FAX:** (701) 224-4567

**State:** Ohio  
**Contact:** Willis Brown  
**Address:** Agricultural Marketing Specialist  
Department of Agriculture  
65 S. Front St.  
Columbus, OH 43215  
**Phone:** (614) 752-9816  
**FAX:** (614) 644-5017

**State:** Oklahoma  
**Contact:** John V. David, Jr.  
**Address:** Marketing Development Coordinator  
Department of Agriculture  
2800 N. Lincoln Blvd.  
Oklahoma City, OK 73105-4298  
**Phone:** (405) 521-3864  
**FAX:** (405) 521-4912

**State:** Oregon  
**Contact:** Dalton Hobbs  
**Address:** Seafood Marketing Manager  
Agricultural Development and Marketing Division  
Department of Agriculture  
121 S.W. Salmon St., Ste. 240  
Portland, OR 97204-2987  
**Phone:** (503) 229-6734  
**FAX:** (503) 229-6113

**State:** Pennsylvania  
**Contact:** Leo Dunn  
**Address:** Agriculture Development  
Department of Agriculture  
2301 N. Cameron St.  
Harrisburg, PA 17110-9408  
**Phone:** (717) 783-8462  
**FAX:** (717) 787-2387

**Common-wealth:** Puerto Rico  
**Contact:** Jaime Gonzalez Azar  
**Address:** Director, Fisheries Development Program  
Department of Agriculture  
P.O. Box 10163  
San Juan, PR 00908-1163  
**Phone:** (809) 724-4911  
**FAX:** (809) 725-7884

**State:** Rhode Island  
**Contact:** Arthur Ganz  
**Address:** Marine Biologist  
Costal Fisheries Laboratory  
1231 Succotash Rd.  
Wakefield, RI 02879  
**Phone:** (401) 783-2304  
**FAX:** (401) 783-2760

**State:** South Carolina  
**Contact:** Betsy Sheehan  
**Address:** Aquaculture Coordinator  
Department of Agriculture  
P.O. Box 11280  
Columbia, SC 29211-1280  
**Phone:** (803) 734-2200  
**FAX:** (803) 734-2192

**State:** South Dakota  
**Contact:** Kevin Richter  
**Address:** Div. of Agricultural Development  
Agriculture Enterprise Program  
Department of Agriculture  
445 E. Capitol  
Pierre, SD 57501  
**Phone:** (605) 773-5436  
**FAX:** (605) 773-5926

**State:** South Dakota  
**Contact:** Robert Hanten  
**Address:** Chief of Fisheries  
Department of Game, Fish and Parks  
521 E. Capitol  
Pierre, SD 57501  
**Phone:** (605) 773-4508  
**FAX:** (605) 773-6245

**State:** Tennessee  
**Contact:** Joe Gaines or Kelly Williams  
**Address:** Department of Agriculture  
Box 40627  
Ellington Agricultural Center  
Nashville, TN 37204  
**Phone:** (615) 360-0160  
**FAX:** (615) 360-0194

**State:** Texas  
**Contact:** Jim Jones  
**Address:** Coordinator for Institutional and Produce Marketing  
Department of Agriculture  
P.O. Box 12847  
Austin, TX 78711  
**Phone:** (512) 463-7563  
**FAX:** (512) 463-9968

**State:** Texas  
**Contact:** Bill Young  
**Address:** Director of Aquaculture  
General Land Office  
1700 N. Congress Ave., SFA Bldg.  
Rm. 710  
Austin, TX 78701-1495  
**Phone:** (512) 463-5086  
**FAX:** (512) 475-1570

**State:** Utah  
**Contact:** Randy Parker  
**Address:** Director of Marketing  
Department of Agriculture  
350 N. Redwood Rd.  
Salt Lake City, UT 84116  
**Phone:** (801) 538-7108  
**FAX:** (801) 538-7126

**State:** Vermont  
**Contact:** Roger Clapp  
**Address:** Agricultural Marketing Representative  
Department of Agriculture  
116 State St., Drawer 20  
Montpelier, VT 05620-2901  
**Phone:** (802) 828-2416  
**FAX:** (802) 828-2361

**Territory: Virgin Islands**

**Contact:** Eric Dawson  
**Address:** Commissioner  
Department of Economic Development and Agriculture  
P.O. Box 6400  
St. Thomas, VI 00801  
**Phone:** (809) 774-8784

**State: Virginia**

**Contact:** T. Robins Buck  
**Address:** Aquaculture Development Manager  
Department of Agriculture and Consumer Services  
P. O. Box 1163  
Richmond, VA 23209  
**Phone:** (804) 371-6094  
**FAX:** (804) 371-7786

**State: West Virginia**

**Contact:** Bob Williams  
**Address:** Marketing and Development  
Department of Agriculture  
State Capitol  
Charleston, WV 25305  
**Phone:** (304) 558-2210  
**FAX:** (304) 558-2203

**State: Wisconsin**

**Contact:** Erwin A. "Bud" Sholts  
**Address:** Department of Agriculture, Trade and Consumer Protection  
P.O. Box 8911  
Madison, WI 53708-8911  
**Phone:** (608) 266-9586  
**FAX:** (608) 266-1300

**State: Wyoming**

**Contact:** Billie Lundberg  
**Address:** Marketing and Promotions Division  
Department of Agriculture  
2219 Carey Ave.  
Cheyenne, WY 82002-0100  
**Phone:** (307) 777-6577  
**FAX:** (307) 777-6593

## Section VIII: Federal Agencies--Regional Level

**State:** Alaska  
**Contact:** Region 7 Aquaculture Coordinator  
**Name:** U.S. Fish and Wildlife Service  
**Address:** 1011 E. Tudor Rd.  
Anchorage, AK 99503  
**Phone:** (907) 786-3352  
**FAX:** (907) 786-3350

**State:** Colorado  
**Contact:** Region 6 Aquaculture Coordinator  
**Name:** U.S. Fish and Wildlife Service  
**Address:** P.O. Box 737  
Fort Morgan, CO 80701-0737  
**Phone:** (303) 867-3773  
**FAX:** (303) 867-3774

**State:** Georgia  
**Contact:** Region 4 Aquaculture Coordinator  
**Name:** U.S. Fish and Wildlife Service  
**Address:** 1875 Century Blvd.  
Atlanta, GA 30345  
**Phone:** (404) 679-4157  
**FAX:** (404) 730-3229

**State:** Minnesota  
**Contact:** Region 3 Aquaculture Coordinator  
**Name:** U.S. Fish and Wildlife Service  
**Address:** BHW Federal Bldg., Hatcheries  
Fort Snelling, MN 55111-4056  
**Phone:** (612) 725-3447  
**FAX:** (612) 725-3508

**State:** Montana  
**Name:** Fish Technology Center  
**Address:** U.S. Fish and Wildlife Service  
4050 Bridger Canyon Rd.  
Bozeman, MT 59715  
**Phone:** (406) 587-9265



**State:** New Mexico  
**Contact:** Region 2 Aquaculture Coordinator  
**Name:** U.S. Fish and Wildlife Service  
**Address:** P.O. Box 1306  
Albuquerque, NM 87103  
**Phone:** (505) 766-2347  
**FAX:** (505) 766-2289

**State:** Oregon  
**Contact:** Region 1 Aquaculture Coordinator  
**Name:** U.S. Fish and Wildlife Service  
**Address:** Eastside Federal Complex  
911 N.E. 11th Ave.  
Portland, OR 97232-4181  
**Phone:** (503) 231-5972  
**FAX:** (503) 231-2062

**State:** Pennsylvania  
**Contact:** Region 5 Aquaculture Coordinator  
**Name:** U.S. Fish and Wildlife Service  
**Address:** Fish Technology Center  
P.O. Box 75  
Tylersville Rd.  
Lamar, PA 16848  
**Phone:** (717) 726-4247  
**FAX:** (717) 726-7247

**District:** Washington, DC  
**Contact:** Information Specialist  
**Name:** Georgetown Center  
**Address:** U.S. National Oceanic and Atmospheric Administration  
3300 Whitehaven  
Washington, DC 20235  
**Phone:** (202) 634-7346

## Section IX: Federal Agencies and Administrative Offices

This section lists descriptions of Federal agencies or organizations that provide services or support to aquaculture programs. An alphabetical index appears at the end of this publication. Please contact your local or regional representatives for information specific to your State or region.

### Department: U.S. DEPARTMENT OF AGRICULTURE

- Name:** **Agricultural Marketing Service Federal-State Marketing Improvement Program**
- Address:** Transportation and Marketing Division  
Agricultural Marketing Service  
U.S. Department of Agriculture  
Rm. 4006, South Building  
P.O. Box 96456  
Washington, DC 20090-6456
- Phone:** (202) 720-2704
- FAX:** (202) 690-0338
- Scope:** The Agricultural Marketing Service of the U.S. Department of Agriculture provides assistance to aquaculture through the **Federal-State Marketing Improvement Program (FSMIP)**. This program seeks to improve the marketing of aquaculture commodities and to reduce marketing costs for the benefit of producers and consumers. Projects include work on innovative marketing techniques, testing study findings in the marketplace, and developing State expertise to provide service to marketers of agricultural products. FSMIP is a matching funds program exclusively available on a competitive basis through State Departments of Agriculture or other State agencies, who must submit proposals directly to the address above for projects aimed at improving marketing services in their States and/or regional projects.
- Name:** **Agricultural Marketing Service Livestock and Seed Division**
- Contact:** Chief, Commodity Procurement Branch
- Address:** Agricultural Marketing Service  
U.S. Department of Agriculture  
Rm. 2610, South Building  
P.O. Box 96456  
Washington, DC 20090-6456
- Phone:** (202) 720-2650
- FAX:** (202) 720-9538
- Scope:** The **Livestock and Seed Division** of the Agricultural Marketing Service, U.S. Department of Agriculture, is responsible for purchasing meat and fish products in order to stabilize market conditions and furnish nutritious food to meet the needs of the Department's domestic feeding programs. Under certain excess supply conditions, aquaculture products may qualify for this program.

**Name:** **Agricultural Marketing Service Transportation and Marketing Division**

**Contact:** Director, Transportation and Marketing Division

**Address:** Distribution Services Branch  
Agricultural Marketing Service  
U.S. Department of Agriculture  
Rm. 2945, South Building  
P.O. Box 96456  
Washington, DC 20090-6456

**Phone:** (202) 720-8357

**FAX:** (202) 690-4948

**Scope:** The Transportation and Marketing Division of the Agricultural Marketing Service, U.S. Department of Agriculture, conducts research on the market opportunities for aquaculture products. This research helps determine the economic feasibility of developing an aquaculture program based on the potential opportunities for marketing the product. This work applies to those already engaged in commercial production and to those planning new production and marketing organizations.

**Name:** **Agricultural Research Service**

**Contact:** National Program Leader, Animal Nutrition-Aquaculture

**Address:** National Program Staff  
Agricultural Research Service  
U.S. Department of Agriculture  
Rm. 206, Bldg. 005, BARC W.  
Beltsville, MD 20705

**Phone:** (301) 504-5925

**FAX:** (301) 504-5467

**Scope:** The Agricultural Research Service's aquaculture research program includes marine shrimp in the Pacific region; cold, freshwater species in the Northeast region; and warm, freshwater species in the Mid-South region of the United States. Research is conducted on genetics, breeding, nutrition, disease diagnostics and control, water quality and use, and production systems to increase production capacity and technology transfer. Improved product quality and marketing are supported with research on processing, off-flavors, food texture and taste, packaging, food safety, and value-added products. Research programs are conducted at Stoneville, Mississippi; Southern Regional Research Center, New Orleans, Louisiana; Animal Parasite Research Laboratory, Auburn, Alabama; University of Hawaii, Honolulu, Hawaii; and Lane, Oklahoma. Cooperative research programs are conducted at the Oceanic Institute, Waimanalo, Hawaii; the Conservation Fund and Freshwater Institute, Shepherdstown, West Virginia; Mississippi State University, Mississippi State and Mississippi Agricultural and Forestry Experiment Station, Stoneville, Mississippi; and Northern Crops Institute, Fargo, North Dakota.

**Name:** **Animal and Plant Health Inspection Service**

**Contact:** Director, Policy and Program Development

**Address:** Animal and Plant Health Inspection Service  
U.S. Department of Agriculture  
Rm. 305E, Administration Bldg.  
14th and Independence Ave., S.W.  
Washington, DC 20250

**Phone:** (202) 720-5283

**FAX:** (202) 690-2251

**Scope:** The Animal and Plant Health Inspection Service (APHIS) provides a broad range of cooperative animal and plant health protection services to livestock and crop producers through a field force located in all 50 States and in foreign countries. APHIS provides several services to both plant and animal aquaculture and is currently considering expansion of services to animal aquaculture.

Current services include import requirements for aquatic plants to prevent the importation and dissemination of plant pests and diseases and noxious aquatic weeds into and within the United States. APHIS also participates in joint State-Federal programs to control noxious aquatic weeds in the United States and helps develop control methodology, including use of biocontrol organisms.

Aquaculture producers experiencing problems with facility damage and depredation by migratory birds and other animals receive on-site assistance from APHIS' Animal Damage Control Division.

APHIS licenses veterinary biologics (vaccines, diagnostic kits, etc.) for prevention, diagnosis, and/or treatment of diseases of animals, including aquatic animals; several fish vaccines are presently licensed by APHIS.

APHIS' **National Veterinary Services Laboratories (NVSL)** in Ames, Iowa, provide a limited amount of diagnostic assistance to aquaculture producers, mostly in problem cases.

APHIS is working with the Fish and Wildlife Service and other members of the Joint Subcommittee on Aquaculture to delineate agency roles to best meet the aquaculture industry's aquatic animal health needs.

**Name:** **Cooperative State Research Service**

**Contact:** Director, Office of Aquaculture

**Address:** Cooperative State Research Service  
U.S. Department of Agriculture  
Ste. 342, Aerospace Bldg.  
14th and Independence Ave., S.W.  
Washington, DC 20250-2200

**Phone:** (202) 401-4929

**Phone:** (202) 401-4929  
**FAX:** (202) 401-5179

**Name:** **Cooperative State Research Service**

**Contact:** Principal Aquacultural Scientist  
**Address:** Cooperative State Research Service  
U.S. Department of Agriculture  
Ste. 330, Aerospace Bldg.  
14th and Independence Ave., S.W.  
Washington, DC 20250-2200

**Phone:** (202) 401-4061  
**FAX:** (202) 401-4888

**Scope:** The Cooperative State Research Service (CSRS) works with the State agricultural experiment stations, forestry schools, 1890 land-grant colleges, Tuskegee Institute, and colleges of veterinary medicine. CSRS allocates formula funds to States for maintaining high-quality research programs in agriculture. CSRS awards grants in aquaculture on a competitive basis through the Aquaculture Special Grant Program and the National Research Initiative. It also awards grants in aquaculture on research problems that Congress believes are important to the Nation. In cooperation with the Extension Service, CSRS administers five Regional Aquaculture Centers for the performance of aquacultural research, extension, and demonstration projects. CSRS houses the Office of Aquaculture which is responsible for coordination of all aquaculture programs in the U.S. Department of Agriculture.

**Name:** **Economic Research Service**

**Contact:** Agricultural Economist-Aquaculture  
**Address:** Economic Research Service  
U.S. Department of Agriculture  
1301 New York Ave., N.W., Rm. 834  
Washington, DC 20005-4788

**Phone:** (202) 219-0085  
**FAX:** (202) 219-0042

**Scope:** The mission of the Economic Research Service (ERS) is to provide economic and other social science information and analysis for improving the performance of agriculture and rural America. ERS produces such information as a service to the general public and to help Congress and the administration develop, administer, and evaluate agricultural and rural policies and programs. The "Aquaculture Situation and Outlook Report" is part of a series of reports that analyze the production and demand for agricultural commodities, food and fiber products, and production resources. The "Aquaculture Situation and Outlook Report" provides information on the supply, demand, pricing, and trade for aquacultural and related wild-harvested fisheries products. Information is also provided on regulatory and public policy issues.

**Name:**       **Extension Service**

**Contact:**    your County Agricultural Extension Office or  
                  your State Cooperative Extension Service or  
                  the National Program Leader for aquaculture, Extension Service

**Address:**    Extension Service  
                  U.S. Department of Agriculture  
                  Rm. 3863, South Building  
                  AG Box 0916  
                  Washington, DC 20250-0900

**Phone:**       (202) 720-5004

**FAX:**         (202) 690-4869

**E'mail:**      gjensen@esusda.gov

**Scope:**      The Extension Service is the primary educational arm of the U.S. Department of Agriculture. Through the Cooperative Extension System's 74 land-grant universities located in all 50 States, 6 territories, and the District of Columbia, programs are implemented in partnership with Federal, State, and county levels of government. The system functions as a nationwide educational network and includes professional staff in nearly all of the Nation's 3,150 counties. It provides for the transfer of research, technology, and management information through educational programs and technical assistance to help people improve their lives where they reside and work. The Cooperative Extension System relies on information generated by research and helps interpret research results to speed the application and dissemination of this information to the public.

Many States have developed extension educational and service programs in aquaculture. They provide programs such as workshops for new fish farmers, short courses in management and fish diseases, aquaculture demonstrations, farm visits, field days, inservice training programs, 4-H youth programs, and distribute written and videotape educational materials to assist with aquaculture development. Many educational programs include timely newsletters on a variety of aquaculture topics.

**Name:**       **Farmers Home Administration**

**Contact:**    your Farmers Home Administration County Office or  
                  Legislative Affairs and Public Information Staff

**Address:**    Farmers Home Administration  
                  U.S. Department of Agriculture  
                  Rm. 5037, South Building  
                  14th and Independence Ave., S.W.  
                  Washington, DC 20250

**Phone:**       (202) 720-4323

**FAX:**         (202) 690-0311

**Scope:**      The Farmers Home Administration (FMHA) makes and guarantees farm ownership and operating loans and provides technical management assistance to family farmers and ranchers. Farm ownership loans may be used to buy, improve, or enlarge farms, including buildings, ponds, wells, and water

systems. Farm operating loans may be used to pay for items needed for a successful operation such as farm and home equipment, feed, fuel, chemicals, and hired labor.

Loan funds may be used to provide facilities and operational resources to produce fish under controlled conditions. Interest rates and repayment schedules will vary according to the type of loan made and the cost of borrowing to the Federal Government. Guaranteed loans are negotiated by the borrower and the lender.

**Name:** Foreign Agricultural Service

**Address:** Ag Export Services Division  
Foreign Agricultural Service  
U.S. Department of Agriculture  
Rm. 4939, South Building  
14th and Independence Ave., S.W.  
Washington, DC 20250-1052

**Phone:** (202) 720-7420

**FAX:** (202) 690-4374

**Name:** Foreign Agricultural Service

**Contact:** Trade Assistance and Promotions Office

**Address:** Trade Assistance and Promotions Office  
Foreign Agricultural Service  
U.S. Department of Agriculture  
Rm. 4939, South Building  
14th and Independence Ave., S.W.  
Washington, DC 20250-1050

**Phone:** (202) 720-7420

**FAX:** (202) 690-4374

**Scope:** USDA's Foreign Agriculture Service (FAS) operates numerous export assistance and market promotion programs to help U.S. exporters of food and agricultural products. The FAS Trade Assistance and Promotion Office (TAPO) is a good first point of contact for exporters who need foreign market information and assistance in accessing government programs. TAPO has country- and commodity-specific market reports which contain information on best market prospects and contact information of distributors and importers. TAPO can also help you find the correct USDA office to assist you with your technical questions on exporting. Contact (202) 720-7420.

The AgExport Connections Office operates several low-cost services that can help U.S. exporters make direct contact with foreign buyers. Among the services offered are: Trade Leads, Buyer Alert, Foreign Buyer Lists, and U.S. Supplier Lists. Information on these and other FAS export assistance programs is contained in the AgExport Action Kit, which can be ordered by contacting AgExport Connections at (202) 720-7103 or (202) 690-4374 (FAX).

FAS also has a program of trade events. Contact the Trade Show Office at (202) 690-1182 for a calendar of upcoming international trade shows and sales missions and information on how to participate.

For specific information on aquaculture programs, production and trade statistics, contact the Dairy, Livestock and Poultry Division of FAS at (202) 720-4799.

**Name:** National Agricultural Library

**Contact:** Aquaculture Information Center

**Address:** U.S. Department of Agriculture  
National Agricultural Library  
10301 Baltimore Blvd., Rm. 304  
Beltsville, MD 20705-2351

**Phone:** (301) 504-5558

**FAX:** (301) 504-5472

**Scope:** The National Agricultural Library (NAL) has established an Aquaculture Information Center which was mandated by the National Aquaculture Improvement Act of 1985 to serve as a repository for national aquaculture information. The library acquires materials through purchase, gift, and exchange, including books and journals, microfiche collections, audiovisuals, and computer software in the field of aquaculture. It also provides document delivery service for many of these materials through the Document Delivery Services Branch.

Staff of the Aquaculture Information Center publish bibliographies of interest to potential and practicing aquaculturists, conduct online and CD-ROM (Compact Disc, Read-Only Memory) computerized searches of aquaculture-related databases, provide general information, and make referrals to aquaculture extension specialists or other contact sources. The Center networks with States, Regional Aquaculture Centers, libraries, and the public and private sectors to enhance information exchange in the Nation. The Aquaculture Information Center at NAL is represented on the Federal-wide Joint Subcommittee on Aquaculture and supporting Aquaculture Information and Technology Transfer Task Force. Staff place emphasis on clearinghouse activities and explore and utilize new computer technologies to improve information collection and exchange in the field.

**Name:** National Agricultural Statistics Service

**Address:** Livestock, Dairy and Poultry Branch  
National Agricultural Statistics Service  
U.S. Department of Agriculture  
Rm. 5906, South Building  
14th and Independence Ave, S.W.  
Washington, DC 20250-2000

**Phone:** (202) 720-6147

**FAX:** 1-800-682-5418



**Scope:** The National Agricultural Statistics Service of the U.S. Department of Agriculture prepares and publishes processors' monthly reports on farm-raised catfish. Data include round weight processed, prices paid to producers, end-of-the-month inventories, quantities sold, prices received by method of sales, imports, and exports.

The 15 major catfish-producing States collect and publish producer inventory and sales data. The four largest catfish-producing States (Alabama, Arkansas, Louisiana, and Mississippi) collect data quarterly while the other 11 States collect data twice a year.

Trout producer sales and losses data are collected and published for the 15 major catfish-producing States annually. The survey uses a reference date of September 1.

**Name:** Office of Aquaculture

**Contact:** Director, Office of Aquaculture  
**Address:** Cooperative State Research Service  
U.S. Department of Agriculture  
Ste. 342, Aerospace Bldg.  
14th and Independence Ave., S.W.  
Washington, DC 20250-2200

**Phone:** (202) 401-4929

**FAX:** (202) 401-5179

**Scope:** The Office of Aquaculture, U.S. Department of Agriculture, is the coordinating unit for Department-wide aquaculture activities and provides leadership for the Federal-wide Joint Subcommittee on Aquaculture. The Office of Aquaculture also coordinates the operations and activities of the five USDA Regional Aquaculture Centers.

**Name:** Office of International Cooperation and Development

**Contact:** Director  
**Address:** Research and Scientific Exchange Division  
Office of International Cooperation and Development  
U.S. Department of Agriculture  
Rm. 3222, South Building  
14th and Independence Ave., S.W.  
Washington, DC 20250-4300

**Phone:** (202) 690-4872

**FAX:** (202) 690-0892

**Scope:** The Office of International Cooperation and Development (OICD) Research and Scientific Exchange Division seeks new knowledge and technology beneficial to the United States and cooperating countries through collaborative research in agriculture (including aquaculture) and forestry. Research programs are consistent with USDA's broad goals. They support the agricultural research system, increase net U.S. farm income, expand agricultural exports, conserve natural resources, and improve world agriculture.

Program areas which have aquaculture components are: (1) Foreign Currency Research (P.L. 480); (2) Binational Collaborative Research; (3) U.S.-Israel Binational Agricultural Research and Development Fund (BARD); (4) Scientific and Technical Exchange Program; and (5) AID Funded Egyptian Program.

**Name:** Soil Conservation Service

**Contact:** National Biologist-Aquaculture

**Address:** Ecological Sciences Division  
Soil Conservation Service  
U.S. Department of Agriculture  
P.O. Box 2890  
Rm. 6150, South Building  
Washington, DC 20250

**Phone:** (202) 720-5991

**FAX:** (202) 720-2646

**Scope:** Current Soil Conservation Service (SCS) policy recognizes that aquaculture (fish farming) is and will continue to be an important part of farming activities in some areas of the United States. Assistance for aquaculture may be a part of soil and water conservation activities in some areas as determined by soil conservation districts and reflected in their plans and priorities.

The primary objective of SCS assistance in fish farming is to ensure protection of the soil and water resource base. Careful resource assessment during conservation planning and application is a very important part of accomplishing this objective. SCS can assist with an initial resource assessment by furnishing data on (1) water quality, (2) water quantity, and (3) soils.

SCS may provide detailed assistance for planning an installation of projects with consideration for (1) water quality, (2) water quantity, (3) appropriate fish species, (4) soils investigation, (5) site limitations, and (6) facility design and layout. Contractors and consultants are encouraged to plan and install fish farming facilities, making use of guidelines developed by SCS such as standards and technical notes. Where the fish farming workload is heavy, training sessions and field demonstrations can be used to develop these other sources of assistance.

## **Department: U.S. DEPARTMENT OF THE ARMY**

**Name:** Army Corps of Engineers

**Contact:** Director

**Address:** Research and Development Directorate (Civil Works)  
U.S. Headquarters  
Army Corps of Engineers (CERD-C)  
U.S. Department of the Army  
20 Massachusetts Ave., N.W.  
Washington, DC 20314-1000

**Phone:** (202) 272-0257  
**FAX:** (202) 272-0907  
**Scope:** See Scope for Regulatory Branch below

Or  
**Address:** Regulatory Branch  
Operations and Readiness Division  
Civil Works Directorate  
Army Corps of Engineers  
U.S. Department of the Army  
20 Massachusetts Ave., N.W.  
Washington, DC 20314-1000

**Phone:** (202) 272-1785  
**FAX:** (202) 504-5096  
**Scope:** Agriculture projects that involve the discharge of dredged or fill material into waters of the United States (includes marshes and other wetlands) or construction in the navigable waters of the United States must have a permit from the Army Corps of Engineers under Section 404 of the 1972 Clean Water Act and Section 10 of the 1899 Rivers and Harbors Act, respectively. The Corps makes its permit decisions based on a balancing of all the positive and negative impacts of the project. State and local approvals are frequently prerequisites to the Corps permit.

## **Department: U.S. DEPARTMENT OF COMMERCE**

**Name:** Economic Development Administration  
**Contact:** Director, Technical Assistance and Research Division  
**Address:** U.S. Department of Commerce  
14th and Pennsylvania Ave., N.W., Rm. 7315  
Washington, DC 20230

**Phone:** (202) 482-4085  
**FAX:** (202) 482-0995

**Scope:** The programs of the Economic Development Administration (EDA) are designed to help alleviate conditions of substantial and persistent unemployment and underemployment in economically distressed areas and regions of the Nation. While these programs do not expressly address efforts to generate new job opportunities and area income through aquaculture, EDA can, particularly under its Public Works and Development **Facilities Program** and its **Technical Assistance Program**, consider funding aquaculture projects that meet the Agency's regulations, applicant eligibility requirements, and project selection criteria. Policies and procedures that will be used to administer EDA programs during the fiscal year are published in an annual announcement in the Federal Register.

**Name:** National Environmental Satellite, Data, and Information Service/National Oceanic and Atmospheric Administration

**Address:** National Oceanographic Data Center  
NOAA/NESDIS (E/OCx7)  
User Services Division  
U.S. Department of Commerce  
1825 Connecticut Ave., N.W.  
Washington, DC 20235

**Phone:** (202) 606-4549

**FAX:** (202) 606-4586

**Scope:** There are four informational programs sponsored by the National Environmental Satellite, Data, and Information Service (NESDIS) of the National Oceanic and Atmospheric Administration (NOAA) that have applications to the field of aquaculture. These programs provide services and products to a wide range of clientele. They are briefly described below.

The **Aquatic Sciences and Fisheries Information System (ASFIS)** is a computer-oriented system operated and maintained by several United Nations agencies and a network of information centers in member countries. A principal module of ASFIS is the **Aquatic Sciences and Fisheries Abstracts (ASFA)** database. This database covers international aquaculture and other topics in the marine and freshwater environmental sciences. It is available commercially as an online file and on compact disc. ASFA contains over 350,000 literature citations with abstracts. The printed counterpart on aquaculture is "ASFA Aquaculture Abstracts."

The **National Environmental Data Referral Service (NEDRES)** is available commercially as an online database containing over 22,000 descriptions and locations of data files on the environmental sciences, held by people and organizations in the United States and Canada.

The **NOAA Earth System Data Directory (NESDD)** is an online guide to about 700 environmental data sets held by NOAA. Two major functions are: (1) provide NOAA with a common system for documenting data held in NOAA data centers and other organizational components; and (2) provide the research community with the means to locate NOAA data sets.

The **NOAA Library and Information Network** consists of a central library in Rockville, Maryland, major branches in Miami and Seattle, and laboratory and information centers throughout the United States. Their collections encompass more than 1 million volumes on marine and atmospheric sciences, aquaculture, and environmental disciplines.

**Name:** National Marine Fisheries Service/National Oceanic and Atmospheric Administration

**Contact:** Aquaculture Specialist

**Address:** Office of Research and Environmental Information  
National Marine Fisheries Service  
U.S. Department of Commerce  
1335 East West Hwy., Rm. 6314  
Silver Spring, MD 20910

**Phone:** (301) 713-2363

**FAX:** (301) 588-4853

**Scope:** The National Marine Fisheries Service (NMFS) of the National Oceanic and Atmospheric Administration (NOAA) directs its aquaculture efforts toward managing common property resources and contributing to the restoration and protection of endangered species of stocks. It accomplishes this primarily through in-house research at several NMFS laboratories in the United States. In addition, NMFS disseminates aquaculture-related information and technological advances gained from its fisheries research. NMFS cooperates with Federal and State agencies, international bodies and foreign governments, and university and private interests, and promotes the development and expansion of domestic and international markets for products produced by the U.S. aquaculture industry.

**Name:** National Sea Grant College Program/National Oceanic and Atmospheric Administration

**Address:** National Sea Grant College Program  
U.S. Department of Commerce  
1315 East West Hwy., Rm. 11829  
Silver Spring, MD 20910

**Phone:** (301) 713-2451

**FAX:** (301) 713-0799

**Scope:** The National Sea Grant College Program of the National Oceanic and Atmospheric Administration (NOAA) conducts research, extension, and educational programs with universities in all coastal and Great Lakes States. Sea Grant aquaculture research is conducted in many areas: genetics, biotechnology, endocrinology, physiology, pathology, engineering, nutrition, policy, economics, and others. The Program chooses research projects on the basis of scientific merit, peer review, and the present needs of the aquaculture industry. It gives priority to projects that fit both the National Aquaculture and Sea Grant Aquaculture Development Plans. The extension aspect, called Marine Advisory Service, utilizes a corps of area agents and specialists to provide public education, technology transfer, and demonstration projects in aquaculture. The Program develops information generated by Sea Grant and other research for use by groups in the private sector to develop marine aquaculture. The Program is operated through 30 Sea Grant Programs in the coastal and Great Lakes States. Investigators interested in research support should contact the State Sea Grant Directors of their respective States.

**Name:** National Technical Information Service

**Address:** U.S. Department of Commerce  
5285 Port Royal Rd.  
Springfield, VA 22161

**Phone:** (703) 487-4650

**FAX:** (703) 321-8547

**Scope:** The National Technical Information Service (NTIS), an agency of the U.S. Department of Commerce, is the central source for the archive and public sale of U.S. government-sponsored research and development reports in all subjects, including those related to aquaculture, and for sales of foreign technical reports and other analyses prepared by national and local government agencies and their contractors or grantees.

For a FREE copy of the NTIS Products and Services Catalog, please write or call (703) 487-4650 and ask for PR-827.

## **Department: U.S. DEPARTMENT OF ENERGY**

**Name:** Biofuels Systems Division

**Address:** EE-331  
U.S. Department of Energy  
1000 Independence Ave., S.W.  
Washington, DC 20585

**Phone:** (202) 586-8072

**FAX:** (202) 586-9815

**Scope:** The U.S. Department of Energy supports aquatic species research as a part of the Biofuels Systems Division research program, which is one of the renewable energy options pursued by the Department. The National Renewable Energy Laboratory (Golden, Colorado), universities, and private industry conduct aquatic species research to develop the technology base for production of liquid fuels from outdoor mass culture of microalgae. Research currently focuses on the development of microalgae strains with improved lipid productivity for conversion to an ester fuel.

## **Department: U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES**

**Name:** Food and Drug Administration Center for Food Safety and Applied Nutrition

**Contact:** Associate Director

**Address:** Office of Seafood  
Center for Food Safety and Applied Nutrition  
Food and Drug Administration  
U.S. Department of Health and Human Services

200 C St., S.W., HFF 503  
Washington, DC 20204

**Phone:** (202) 254-3888

**FAX:** (202) 254-3984

**Scope:** The Food and Drug Administration's (FDA) Center for Food Safety and Applied Nutrition is the primary Federal office with the responsibility for the assurance of seafood safety. The Center houses a wide range of programs devoted to the research and management of seafood, including aquaculture products. The FDA derives its authority for such programs primarily through two statutes: (1) the Federal Food, Drug and Cosmetic Act (FFDCA: 21 U.S.C. 301 et seq.), and (2) the Public Health Service Act (PHSA: 42 U.S.C. 262, 294 et seq.).

Under the FFDCA, the FDA is assigned responsibility to ensure that seafood shipped or received in interstate commerce is "safe, wholesome, and not misbranded or deceptively packaged." Under the PHSA, FDA is empowered to control the spread of communicable disease from one State, territory, or possession to another.

**Name:** **Food and Drug Administration Center for Veterinary Medicine**

**Address:** Center for Veterinary Medicine  
Food and Drug Administration  
U.S. Department of Health and Human Services  
7500 Standish Pl.  
Rockville, MD 20855

**Phone:** (301) 594-1761

**FAX:** (301) 594-1807

**Scope:** The Center for Veterinary Medicine (CVM) is responsible for the regulation of animal drugs, animal feeds, and veterinary medical devices. The Center's involvement in aquaculture consists of four main areas:

**I. Approval of Animal Drugs and Feeds-**Under the provisions of the Federal Food, Drug and Cosmetic Act, animal drugs must ordinarily be approved before distribution and use. Manufacture of medicated feeds may require separate approval. Nondrug feed additives also fall under FDA regulation and ordinarily require approval prior to use. Additionally, CVM supports the IR-4 program relating to the development of new drugs for aquacultural uses.

**Approval of Animal Feeds-**Division of Animal Feeds (HFV-220).

**Phone:** (301) 594-1724

**FAX:** (301) 594-1812

**New Animal Drug Approval-**Office of New Animal Drug Evaluation (HFV-100).

**Phone:** (301) 594-1620

**FAX:** (301) 594-2297

**2. Oversight of Drug Distribution and Use-CVM** conducts surveillance and compliance programs relating to animal drugs, animal feeds, and other veterinary medical matters, and coordinates the veterinary medical aspects of FDA inspections.

**Oversight of Drug Use-Office of Surveillance and Compliance (HFV-200).**

**Phone:** (301) 594-1761

**FAX:** (301) 594-1807

**3. Research-CVM** conducts basic drug metabolism and pharmacokinetics research needed to support the development of analytical methods for detection of drug residues in aquaculture species.

**Research-Office of Science (HFV-500).**

**Phone:** (301) 594-1702

**FAX:** (301) 594-2298

**4. Educational Initiatives-CVM** works with the industry to develop quality assurance programs and educational materials to assist producers in using drugs and chemicals safely in aquaculture production systems.

**Educational Initiatives-Industry Programs Branch (HFV-244).**

**Phone:** (301) 594-1769

**FAX:** (301) 594-1807

## **Department: U.S. DEPARTMENT OF THE INTERIOR**

**Name:** U.S. Fish and Wildlife Service

**Contact:** National Aquaculture Coordinator

**Address:** ARLSQ 820  
U.S. Fish and Wildlife Service  
U.S. Department of the Interior  
Mail Stop 820, Arlington Square  
Arlington, VA 22203

**Phone:** (703) 358-1715

**FAX:** (703) 358-2210

**Scope:** The U.S. Fish and Wildlife Service (FWS), U.S. Department of the Interior, has responsibilities for restoring depleted fish populations, preserving endangered species, mitigating the impacts of Federal water developments on fish populations, managing fish resources on Federal lands, and providing scientific leadership in fishery resource management. A nationwide system of fish hatcheries, fisheries assistance offices, fish health centers, fish technology centers, fisheries research centers, and a training facility is operated to carry out these responsibilities. The Service's fisheries activities involve research, management, and culture of freshwater, anadromous, estuarine, and exotic fishes of recreational, ecological, and commercial importance. The Service has established an aquaculture mission consisting of two broad functions: (1) encourage the development of private aquaculture in a manner that is compatible with responsible natural resource stewardship, and (2)



make Service expertise, knowledge, and technical/scientific capabilities in fish culture and related disciplines available to the private aquaculture community.

**Name:** **U.S. Fish and Wildlife Service Office of Extension and Publications**

**Subject:** Information About Extension Activities

**Contact:** Chief, Office of Extension and Publications

**Address:** U.S. Fish and Wildlife Service  
U.S. Department of the Interior  
Webb Bldg., Mail Stop 304  
Washington, DC 20240

**Phone:** (703) 358-1706

**FAX:** (703) 358-2283

**Subject:** Information About Publications

**Address:** Publications Unit  
U.S. Fish and Wildlife Service  
U.S. Department of the Interior  
Webb Bldg., Mail Stop 304  
Washington, DC 20240

**Phone:** (703) 358-1711

**FAX:** (703) 358-2314

**Scope:** Through its Office of Extension and Publications, the U.S. Fish and Wildlife Service (FWS) is committed to a continuing program of cooperation with the extension community in furthering mutual needs to inform and educate the public concerning fish and wildlife resources. This program addresses the field of aquaculture both from the standpoint of extension education and 4-H. Memoranda of Understanding with the USDA Extension Service and NOAA enable the FWS to produce suitable extension-type material in cooperation with the above agencies and to have them distributed effectively and efficiently through each agency's extensive communications network.

The **Publications Unit** distributes upon request the scientific and technical publications of the research arm of FWS. It also provides general interest information about fish and wildlife resources to the public. Less technical informational products related to aquaculture are available through this Office.

**Name:** **U.S. Geological Survey**

**Address:** Hydrologic Information Unit  
U.S. Geological Survey  
U.S. Department of the Interior  
12201 Sunrise Valley Dr.  
Reston, VA 22092

**Phone:** (703) 648-6818  
**FAX:** (703) 648-5295  
**or** your District Office of USGS's Water Resources Division (WRD)  
**Scope:** The U.S. Geological Survey (USGS) collects a large amount of information related to the availability and quality of ground-water and surface-water supplies as part of its mission to inventory the Nation's resources. Information such as pollutant levels, aquifer locations, lake levels, stream flows, and other data useful to aquaculture is available from the USGS in a variety of forms including maps, reports, and computer output.

### **Department: Independent Agencies**

**Name:** National Science Foundation (NSF)  
**Subject:** General Information on the NSF/SBIR Program or a Copy of the Annual Solicitation  
**Address:** SBIR Program  
National Science Foundation  
4201 Wilson Blvd., Rm. 590  
Arlington, VA 22230  
**Phone:** (703) 306-1390  
**FAX:** (703) 306-0337

**Subject:** Information on Scientific Content of Marine/Estuarine Proposals  
**Address:** Division of Ocean Sciences  
National Science Foundation  
4201 Wilson Blvd., Rm. 725  
Arlington, VA 22230  
**Phone:** (703) 306-1580  
**FAX:** (703) 306-0390

**Subject:** Information on Scientific Content of Freshwater Proposals  
**Address:** Division of Environmental Biology  
National Science Foundation  
4201 Wilson Blvd., Rm. 635  
Arlington, VA 22230  
**Phone:** (703) 306-1480  
**FAX:** (703) 306-0367

**Scope:** (The following applies to all NSF offices listed above.) At the National Science Foundation (NSF), the Small Business Innovation Research (SBIR) Program provides funding for aquaculture research. This program annually solicits high-quality research proposals from small business firms on important scientific or engineering problems that could lead to significant public benefit. Aquaculture proposals submitted under this solicitation most gen-

erally fall under two major suggested topic areas: Marine/Estuarine or Freshwater Aquaculture. However, certain topic areas in engineering could be appropriate, depending upon the nature of the proposed research.

**Name: Small Business Administration**

**Address:** Small Business Administration Answer Desk  
409 Third St., S.W.  
Washington, DC 20416

**Phone:** (202) 205-6600

**FAX:** (202) 205-7064

**Phone:** Small Business Administration Answer Desk: (1-800) U-ASK-SBA

**Scope:** The U.S. Small Business Administration is an independent Federal agency created to assist, counsel, and champion America's small businesses, including aquaculture firms. The agency provides prospective, new, and established small businesses with financial assistance, management counseling, and training. The Small Business Administration also provides assistance to small firms interested in obtaining Federal Government contracts. The Office of Advocacy represents small business' interests before the U.S. Congress and other government agencies and promotes public awareness of the community's unique problems and needs.

**Name: Tennessee Valley Authority**

**Contact:** Leslie Behrends

**Address:** Tennessee Valley Authority  
P.O. Box 1010  
Muscle Shoals, AL 35660-1010

**Phone:** (205) 386-3485

**FAX:** (205) 386-2191

**Scope:** The Tennessee Valley Authority has several programs which relate to aquaculture.

The **National Environmental Research Center** is developing a research and development facility to evaluate artificial wetlands as biological filters for removing fertilizer nutrients from industrial waste streams. Other research being implemented will also impact water quality.

The **Rural Development Department** administers programs in cooperation with partners such as the university Extension Service, and a competitive grants program to encourage private sector adoption of new and emerging technologies in agriculture and aquaculture.

**Name: U.S. Agency for International Development**

**Contact:** Fisheries Advisor

**Address:** Bureau for Global Programs, Field Support and Research  
Office of Agriculture  
Washington, DC 20523-1809

**Phone:** (703) 875-4016 or 4098  
**FAX:** (703) 875-4186  
**Scope:** The U.S. Agency for International Development (USAID) supports aquacultural research and development projects where significant opportunities exist to utilize this form of food production to increase incomes and employment opportunities in developing countries. USAID supports applied research which addresses critical constraints to the expansion of economically viable and environmentally sustainable aquaculture in developing countries; assists in the education and training of aquaculturists, scientists, administrators, and extension specialists; and supports aquacultural development projects designed to introduce and demonstrate technically, economically, and environmentally sound aquacultural production methods and adapt them, where necessary, to local conditions.

**Name:** **U.S. Environmental Protection Agency (EPA)**

**Address:** 401 M St., S.W.  
Washington, DC 20460

**Subject:** Water Quality/Effluent Guidelines  
**Address:** Office of Science and Technology  
Engineering and Analysis Division (4303)

**Phone:** (202) 260-7137  
**FAX:** (202) 250-7185

**Subject:** Discharge Permits  
**Address:** Office of Wastewater Enforcement and Compliance  
Permits Division (4203)

**Phone:** (202) 260-9545  
**FAX:** (202) 260-1460

**Subject:** Wastewater Treatment  
**Address:** Office of Wastewater Enforcement and Compliance  
Municipal Support Division (4204)

**Phone:** (202) 260-7378  
**FAX:** (202) 260-0116

**Subject:** Wetlands Issues  
**Address:** Office of Wetlands, Oceans and Watersheds  
Wetlands Division (4502F)

**Phone:** (202) 260-7791  
**FAX:** (202) 260-8000

**Subject:** Pesticide Registration  
**Address:** Office of Pesticide Programs  
Registration Division (7505C)  
**Phone:** (703) 305-5447  
**FAX:** (703) 305-6920

**Subject:** Residual Wastes  
**Address:** Office of Solid Waste  
Municipal and Industrial Waste Division (5306)  
**Phone:** (202) 260-4536  
**FAX:** (202) 260-4196

**Scope:** (The following applies to all U.S. EPA offices listed above.) The U.S. Environmental Protection Agency has several programs involved with aquaculture. The proper management of Effluents and **Residual Wastes** should be a major consideration of aquaculture systems in assuring the protection of the environment. EPA's **Water Quality** programs are concerned with setting water quality criteria and effluent discharge standards for assuring the protection of the Nation's waterways and water supplies. The National Pollutant Discharge Elimination System (NPDES) issues **Permits** for the discharge of wastewaters to surface waters, including discharges from aquaculture systems in many cases. Permits are also available from this program to use wastes as nutrients in public waters for aquaculture purposes. **Waste-water Treatment** in publicly owned treatment works is amenable to the use of aquaculture systems funded, in part, by EPA's State Revolving Fund (SRF) Program. In conjunction with the U.S. Army Corps of Engineers, EPA also implements the Clean Water Act Section 404 **Wetlands** protection program aimed at protecting natural wetlands from the impacts of dredging and filling. Chemicals and other materials to be used in aquaculture are subject to **Pesticide Registration** by EPA prior to marketing to the user.

## Section X: Regional Aquaculture Center Administrative Offices

These five Regional Aquaculture Centers were established in 1987-88 and are administered by the U.S. Department of Agriculture in association with colleges and universities, Federal and State agencies and facilities, nonprofit research institutions, and private corporations. Their mission is to support aquaculture research, development, demonstration, and extension education to enhance viable and profitable U.S. aquaculture production.

**State:** Hawaii  
**Contact:** Kevan Main  
**Name:** Tropical and Subtropical Regional Aquaculture Center  
**Address:** University of Hawaii and the Oceanic Institute  
Makapuu Point  
Waimanalo, HI 96795  
**Phone:** (808) 259-7951  
**FAX:** (808) 259-5971

**State:** Massachusetts  
**Contact:** Victor Mancebo  
**Name:** Northeastern Regional Aquaculture Center  
**Address:** University of Massachusetts Dartmouth  
North Dartmouth, MA 02747  
**Phone:** (508) 999-8157  
**FAX:** (508) 999-8590  
**E'mail:** vmancebo@umassd.edu

**State:** Michigan  
**Contact:** Ted Batterson  
**Name:** North Central Regional Aquaculture Center  
**Address:** Department of Fisheries and Wildlife  
Michigan State University  
East Lansing, MI 48824  
**Phone:** (517) 353-1962  
**FAX:** (517) 353-7181  
**E'mail:** tbatt@msu.edu

**State:** Mississippi  
**Contact:** Charles G. Shepherd  
**Name:** Southern Regional Aquaculture Center  
**Address:** Delta Research and Extension Center  
Mississippi State University  
P.O. Box 197  
Stoneville, MS 38776  
**Phone:** (601) 686-9311  
**FAX:** (601) 686-9744

**State:** Washington  
**Contact:** Ken Chew  
**Name:** Western Regional Aquaculture Center  
**Address:** School of Fisheries, WH-10  
College of Ocean and Fisheries Sciences  
University of Washington  
Seattle, WA 98195  
**Phone:** (206) 543-4290  
**FAX:** (206) 685-4674  
**E'mail:** kchew@fish.washington.edu

**District:** Washington, DC  
**Contact:** Henry S. Parker, Director  
**Name:** Office of Aquaculture  
**Address:** U.S. Department of Agriculture  
Cooperative State Research Service  
Aerospace Center, Ste. 342  
Washington, DC 20250-2200  
**Phone:** (202) 401-4929  
**FAX:** (202) 401-5179  
**E'mail:** hparker@csrs.esusda.gov

## Section XI: Equipment and Supply Sources

This section lists a few general sources that can guide you to specific companies and enterprises that provide equipment, supplies, consultants and other products for the aquaculture industry.

**Name: Aquaculture Magazine Buyer's Guide**

**Address:** Aquaculture Magazine  
P.O. Box 2329  
Asheville, NC 28802

**Phone:** (704) 254-7334

**Scope:** Includes index of products and services, suppliers to the industry, associations and contacts, and advertisers index. Comes out annually with subscription to Aquaculture Magazine (see Section III: Journals and Newsletters).

**Name: Aquaculture News Supplier Directory**

**Address:** P.O. Box 416  
Jonesville, LA 71343

**Phone:** (318) 339-4660

**FAX:** (318) 339-4664

**Scope:** Small directory which includes dozens of suppliers. Comes out biannually as part of The Aquaculture News magazine (see Section III: Journals and Newsletters).

**Name: Fisheries Product News and Aquaculture Action Deck**

**Address:** Compass Publications  
P.O. Box 37  
Stonington, ME 04681

**Phone:** (207) 367-2396

**Scope:** Packet of 3 x 5 product information cards.

**Name: Northern Aquaculture Buyer's Guide**

**Address:** Northern Aquaculture  
William Head Rd.  
Victoria, BC V9B 5T7

**Phone:** (604) 478-9209

**FAX:** (604) 478-1184

**Scope:** Includes information on associations, colleges, government agencies, supplies and services, and directory of suppliers. Updated annually as a special edition of Northern Aquaculture. (see Section III: Journals and Newsletters)



## Index

Only trade and professional associations (Section V: Trade and Professional Associations) and Federal agencies and administrative offices (Section IX: Federal Agencies and Administrative Offices) are provided in this index. Resources in other sections are either listed alphabetically by name or by State within their section, and therefore are not included here.

### A

|  |     |
|--|-----|
| Agency for International Development, U.S. . . . .                                   | 144 |
| Agricultural Marketing Service Federal-State Marketing Improvement Program . . . . . | 127 |
| Agricultural Marketing Service Livestock and Seed Division . . . . .                 | 127 |
| Agricultural Marketing Service Transportation and Marketing Division . . . . .       | 128 |
| Agricultural Research Service . . . . .  | 128 |
| Alabama Catfish Producers . . . . .  | 73  |
| Alaskan Shellfish Growers Association . . . . .                                      | 73  |
| American Fisheries Society . . . . .   | 92  |
| American Tilapia Association . . . . .   | 80  |
| Animal and Plant Health Inspection Service . . . . .                                 | 129 |
| Aquaculture Association of Canada . . . . .  | 75  |
| Aquaculture Suppliers Association . . . . .  | 83  |
| Arizona Aquaculture Association . . . . .  | 74  |
| Army Corps of Engineers . . . . .  | 135 |
| Associated Koi Clubs of America . . . . .  | 75  |

### B

|  |     |
|--|-----|
| Bay D'Espoir Salmon Growers Co-Operative . . . . . | 77  |
| Biofuels Systems Division . . . . .                | 139 |

### C

|  |          |
|--|----------|
| California Aquaculture Association . . . . .           | 75       |
| Canadian Aquaculture Producers Council . . . . .       | 75       |
| Caribbean Aquaculture Association . . . . .            | 88       |
| Catfish Farmers of America . . . . .                   | 85       |
| Catfish Farmers of Arkansas . . . . .                  | 74       |
| Catfish Farmers of Mississippi . . . . .               | 85       |
| Center for Food Safety and Applied Nutrition . . . . . | 139      |
| Center for Veterinary Medicine . . . . .               | 140      |
| Chilean Salmon Farmers . . . . .                       | 93       |
| Colorado Aquaculture Association . . . . .             | 77       |
| Cooperative State Research Service . . . . .           | 129, 130 |

## D

|  |     |
|--|-----|
| Delaware Aquaculture Association .....             | 77  |
| Department of Agriculture, U.S. ....               | 127 |
| Department of Commerce, U.S. ....                  | 136 |
| Department of Energy, U.S. ....                    | 139 |
| Department of Health and Human Services, U.S. .... | 139 |
| Department of the Army, U.S. ....                  | 135 |
| Department of the Interior, U.S. ....              | 141 |

## E

|  |     |
|--|-----|
| Economic Development Administration .....        | 136 |
| Economic Research Service .....                  | 130 |
| Environmental Protection Agency (EPA), U.S. .... | 145 |
| Extension Service .....                          | 131 |

## F

|   |     |
|---|-----|
| Farmers Home Administration .....   | 131 |
| Federal-State Marketing Improvement Program .....                               | 127 |
| Fish and Wildlife Service Office of Extension and Publications, U.S. ....       | 142 |
| Fish and Wildlife Service, U.S. ....  | 141 |
| Florida Aquaculture Association .....   | 78  |
| Florida Aquatic Plant Management Society .....                                  | 78  |
| Florida Foodfish, Gamefish and Baitfish Farmers Association .....               | 78  |
| Florida Shellfish Farmers Association .....                                     | 79  |
| Florida Tropical Fish Farms Association .....                                   | 78  |
| Food and Drug Administration Center for Food Safety and Applied Nutrition ..... | 139 |
| Food and Drug Administration Center for Veterinary Medicine .....               | 140 |
| Foreign Agricultural Service .....  | 132 |

## G

|                              |     |
|------------------------------|-----|
| Geological Survey, U.S. .... | 142 |
|------------------------------|-----|

## H

|                                      |    |
|--------------------------------------|----|
| Hawaii Aquaculture Association ..... | 79 |
|--------------------------------------|----|

## I

|   |    |
|---|----|
| Idaho Aquaculture Association . . . . .           | 80 |
| Indiana Aquaculture Association . . . . .         | 80 |
| International Association of Astacology . . . . . | 81 |
| Iowa Aquaculture Association . . . . .            | 81 |

## K

|  |    |
|--|----|
| Kansas Commercial Fish Growers Association . . . . . | 81 |
| Kentucky Aquaculture Association . . . . .           | 81 |

## L

|  |    |
|--|----|
| Illinois Aquaculture Industry Association . . . . .            | 80 |
| Louisiana Alligator Farmers and Ranchers Association . . . . . | 82 |
| Louisiana Aquaculture Association . . . . .                    | 82 |
| Louisiana Catfish Farmers Association, Inc. . . . .            | 82 |
| Louisiana Crawfish Farmers Association . . . . .               | 82 |
| Louisiana Soft-Shell Crawfish Association . . . . .            | 83 |

## M

|   |    |
|---|----|
| Maine Aquaculture Association . . . . .         | 83 |
| Maryland Aquaculture Association . . . . .      | 84 |
| Massachusetts Aquaculture Association . . . . . | 84 |
| Michigan Fish Growers Association . . . . .     | 84 |
| Minnesota Aquaculture Association . . . . .     | 84 |
| Missouri Fish Farmers Association . . . . .     | 85 |

## N

|   |     |
|---|-----|
| National Agricultural Library . . . . .                                   | 133 |
| National Agricultural Statistics Service . . . . .                        | 133 |
| National Aquaculture Association . . . . .                                | 94  |
| National Aquaculture Council . . . . .                                    | 91  |
| National Aquarium Society . . . . .                                       | 94  |
| National Association of State Aquaculture Coordinators . . . . .          | 91  |
| National Environmental Satellite, Data, and Information Service . . . . . | 137 |
| National Fisheries Institute . . . . .                                    | 91  |
| National Marine Fisheries Service . . . . .                               | 138 |
| National Ornamental Goldfish Growers Association, Inc. . . . .            | 74  |
| National Science Foundation (NSF) . . . . .                               | 143 |

|   |     |
|---|-----|
| National Sea Grant College Program .....            | 138 |
| National Shellfisheries Association .....           | 86  |
| National Technical Information Service .....        | 139 |
| Nebraska Fish Farmers Association, Inc. ....        | 85  |
| New Brunswick Salmon Growers Association .....      | 76  |
| New Brunswick Smolt Producers Association .....     | 76  |
| New Jersey Aquaculture Association .....            | 86  |
| New York State Aquaculture Association .....        | 86  |
| Newfoundland Aquaculture Association .....          | 76  |
| North Carolina Crawfish Producers Association ..... | 86  |
| North Carolina Trout Growers Association .....      | 87  |

**O**

|   |     |
|---|-----|
| Office of Aquaculture .....                               | 134 |
| Office of International Cooperation and Development ..... | 134 |
| Ohio Aquaculture Association .....                        | 87  |
| Oklahoma Aquaculture Association .....                    | 88  |
| Ontario Aquaculture Association .....                     | 76  |

**P**

|  |    |
|--|----|
| Pacific Aquaculture Association .....          | 79 |
| Pacific Coast Oyster Growers Association ..... | 93 |
| Pennsylvania Aquaculture Association .....     | 88 |
| Pennsylvania Trout Farmers Association .....   | 88 |

**S**

|   |     |
|---|-----|
| S.C.B. Fisheries Limited .....                            | 77  |
| Shellfish Institute of North America .....                | 91  |
| Small Business Administration .....                       | 144 |
| Soil Conservation Service .....                           | 135 |
| South Carolina Aquaculture Association .....              | 89  |
| South Carolina Crawfish Growers .....                     | 89  |
| Southern Appalachian Trout Growers Association .....      | 87  |
| Southern Southeast Regional Aquaculture Association ..... | 74  |
| Sport Fishing Institute .....                             | 94  |
| Striped Bass Growers Association .....                    | 87  |
| Sunshine Coast Aquaculture Association .....              | 77  |

## T

|   |     |
|---|-----|
| Tennessee Aquaculture Association .....   | 89  |
| Tennessee Valley Authority .....          | 144 |
| Texas Aquaculture Association (TAA)       |     |
| TAA Aquatic Plant Section .....           | 90  |
| TAA Crawfish Section .....                | 90  |
| TAA Ornamental/Tropical Section .....     | 90  |
| TAA Shrimp Farmers Section .....          | 90  |
| Texas Aquaculture Association (TAA) ..... | 89  |
| Trout Farmers Association .....           | 95  |

## U

|   |   |
|---|---|
| U.S. Agency for International Development .....                           | 144   |
| U.S. Aquaculture Suppliers Association .....                              | 83  |
| U.S. Department of Agriculture .....                                      | 127, 128, 129, 130, 131, 132, 133, 134, 135 |
| U.S. Department of Commerce .....   | 136, 137, 138, 139                          |
| U.S. Department of Energy .....   | 139   |
| U.S. Department of Health and Human Services .....                        | 139, 140                                    |
| U.S. Department of the Army .....   | 135   |
| U.S. Department of the Interior .....                                     | 141, 142                                    |
| U.S. Environmental Protection Agency (EPA) .....                          | 145   |
| U.S. Fish and Wildlife Service .....                                      | 141   |
| U.S. Fish and Wildlife Service Office of Extension and Publications ..... | 142   |
| U.S. Geological Survey .....  | 142   |
| U.S. Trout Farmers Association .....                                      | 95  |
| Utah Aquaculture Association .....  | 90  |

## V

|  |    |
|--|----|
| Virginia Fish Farmers Association .....      | 92 |
| Virginia Shellfish Growers Association ..... | 92 |
| Virginia Trout Farmers Association .....     | 92 |

## W

|   |    |
|---|----|
| Washington Farmed Salmon Commission ..... | 93 |
| Washington Fish Growers Association ..... | 93 |
| West Alabama Catfish Producers .....      | 73 |
| West Coast Clam Growers Association ..... | 94 |
| Wisconsin Aquaculture Association .....   | 95 |
| World Aquaculture Society .....           | 83 |