

Institute for Fisheries Research

<http://www.dnr.state.mi.us/www/ifr/ifrhome/index.htm>

Where: The Institute for Fisheries Research (IFR) is located on the central campus of the University of Michigan (UM), in Ann Arbor. IFR is housed in the Museums Annex Building, adjacent to the Ruthven Exhibit Museum and near the School of Dentistry.

Who: Thirteen staff members are employees of Fisheries Division, Michigan Department of Natural Resources (DNR). Dr. Edward Rutherford is a faculty member in the UM School of Natural Resources and Environment (SNRE). Several SNRE graduate students have offices at IFR. The Station Manager is Dr. Paul W. Seelbach.



212 Museums Annex Building
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Ann Arbor, MI 48109-1084

Researchers at IFR collaborate with investigators at many institutions, including:

Universities: University of Michigan, Michigan State University, Eastern Michigan University, Northern Michigan University, Oakland University, Grand Valley State University, Central Michigan University, Lake Superior State University

Other agencies and organizations: Department of Environmental Quality, NOAA/Great Lakes Environmental Research Laboratory, USGS/BRD Great Lakes Science Center, The Nature Conservancy

When: The Institute for Fisheries Research was formed February 7, 1930, by action of the University of Michigan. Dr. Carl Hubbs was the first director. Research Report No. 1 was published in 1930, entitled "Diseased Bass from Loon Lake, Iosco County," by Carl L. Hubbs. In 1995, Dr. Kelley Smith, now Chief of Fisheries Division, published Research Report No. 2000: "Vegetation-Open Water Interface and the Predator-Prey Interaction between Largemouth Bass and Bluegills: a Field Experiment."

Why: IFR was formed to promote collaborative research between the State and UM on Michigan's fisheries. Staff and students at the Institute for Fisheries Research conduct research to support fisheries management in Michigan. Examples of current research are listed below.

What: The Institute for Fisheries Research works in many ways to support fisheries management in Michigan. IFR houses the library for DNR Fisheries Division, and is responsible for production of Fisheries Research Reports, Technical Reports, and Special Reports. Located at IFR are the Program Manager for Research and the coordinator of the River Assessment Program.

Examples of Current Research:

- Fish population modeling of lake and stream fishes
- Development of map-based tools for spatial analysis of streams, inland lakes, & Great Lakes:
Michigan Rivers Inventory, Great Lakes GIS Program, Digital Water Atlas (<http://ifrgis.org>)
- Survey threatened and endangered fish species
- Creel survey analysis (methods and inland surveys)
- Quantify fish habitat requirements
- Bluegill stunting and reproduction
- Evaluation of coolwater fishing regulations
- Development of lake & stream survey manual
- Pond rearing of juvenile lake sturgeon at the Saline Fisheries Research Station
- Recruitment dynamics of Great Lakes fishes (salmon, trout, alewife)

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Visit the MDNR web site at: www.dnr.state.mi.us/

The Livonia DNR Office is open Monday through Friday, 8 a.m. to 5 p.m.
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