

# FLOW

FISHERIES LEARNING ON THE WEB



## About FLOW

[www.projectflow.us](http://www.projectflow.us) | [msgpubs@umich.edu](mailto:msgpubs@umich.edu)



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### **FLOW Lesson and Activities, see separate documents for each unit:**

- Unit 1: Food Web lessons, materials and procedures, document title:  
*FLOW-Unit-1.pdf*
  - MICHU 08-401
- Unit 2: Water lessons, materials and procedures, document title:  
*FLOW-Unit-2.pdf*
  - MICHU 08-402
- Unit 3: Fish lessons, materials and procedures, document title:  
*FLOW-Unit-3.pdf*
  - MICHU 08-403

# About FLOW

## Introduction

Fisheries Learning on the Web or FLOW, is a collection of lessons and activities about the Great Lakes ecosystem, fisheries and stewardship and was developed by Michigan Sea Grant. It is part of Michigan Sea Grant's ongoing effort to provide K-12 teachers and non-formal educators with curriculum materials about the Great Lakes.

## Relevant, Meaningful Content

FLOW lessons include classroom or field activities designed to facilitate relevant, problem-based learning for youth. The FLOW curriculum is a core part of Michigan Sea Grant's education goals to:

- Increase awareness of Great Lakes ecosystem concepts among middle and high school students;
- Provide K-12 teachers with curriculum materials that address content expectations and national benchmarks;
- Facilitate easy access for K-12 teachers to high-quality, low-cost Great Lakes education resources;
- Support the inclusion of Great Lakes content in the classroom; and
- Address the demand for educational materials that include engaging, high quality, colorful graphics to capture the imagination of educators and students.

## Lesson Structure

Each lesson includes the following: Objectives, Summary, Lesson Background, Activity, State of Michigan Content Expectations (K 4-7 and High School), National Benchmarks, Materials (e.g., games, cards, fact sheets, etc.), and Procedures.

## Lesson Assessment, State of Michigan Grade Level Content Expectations (GLCE) and National Benchmarks

Assessments are provided for each lesson and include the following three components: Learning objective, student performance and recommended points.

Each FLOW lesson is aligned to relevant sections of the State of Michigan Grade Level Content Expectations, including K 4-7 and the High School Content Expectations, as well as to the national science and social studies benchmarks.

**For more information, about assessment, GLCE and national benchmarks, see separate document: FLOW\_Assessment\_GLCE.pdf**

## Content Updates

For the most current lesson content, go to the *Fisheries Learning on the Web*, [www.projectflow.us](http://www.projectflow.us).

## Michigan Sea Grant FLOW Development Team

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- Fisheries Expert: Brandon Schroeder
- Senior Graphic Artist: Todd Marsee

## Feedback

We would appreciate reviewing your comments about FLOW.

Please take 10 minutes to provide us with your feedback.

Go to: <http://www.miseagrant.umich.edu/flow/flow-feedback.html>

Complete the online version or print the form and send it to:

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