Creating Online Aquaculture Curriculum

EXPANDING ACCESS TO EDUCATIONAL RESOURCES THROUGH A VIRTUAL PLATFORM

Project Overview

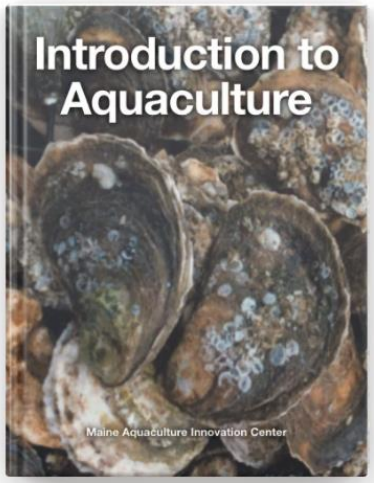
GOAL:

Create up-to-date, engaging, informative, inclusive, and accessible aquaculture curriculum to use in workforce development trainings.

STRATEGY:

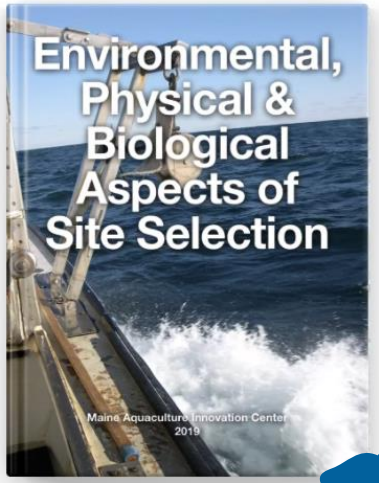
- Identify online learning platform
- Review & revise existing educational resources:
  - Update with current statistics/information
  - Revise to fit new online platform
  - Adapt to include more diverse and inclusive examples, language, and themes
  - Design content to be flexible with a variety of learning styles
- Add content to learning platform
- Receive student feedback on content and course design
- Finalize curriculum content while incorporating student feedback

12 books

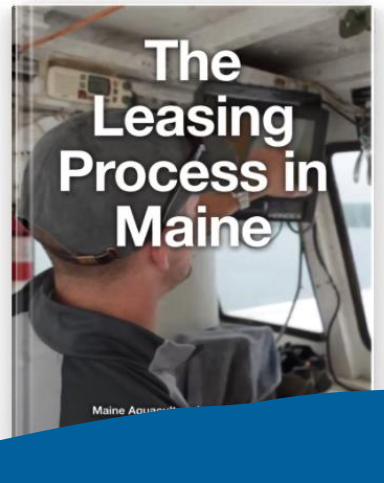


95%

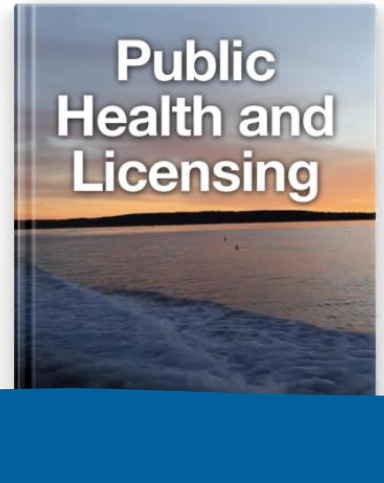
44%

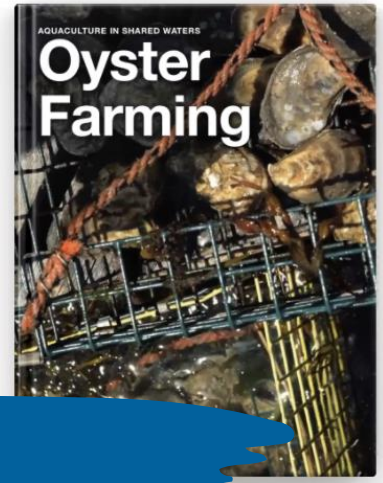


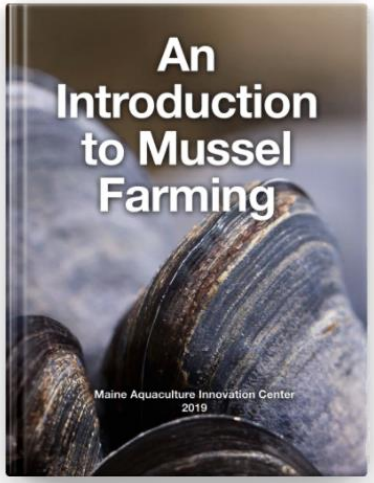
8%



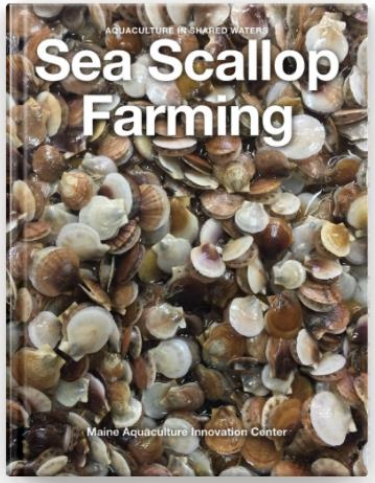
4%







NEW



NEW

NEW

The Existing Course Content

- 12 sections divided by theme
- Housed in iBooks (discontinued platform)
- Utilize text, video, and photo media
- Created as a farmer training resource

Current Material Structure

Book pages

Chapters and sections

Bulleted lists

Images with interactive text

Embedded videos

Links to external resources

Reviewing and Revising Process

Read existing content →

Identify key themes and learning objectives →

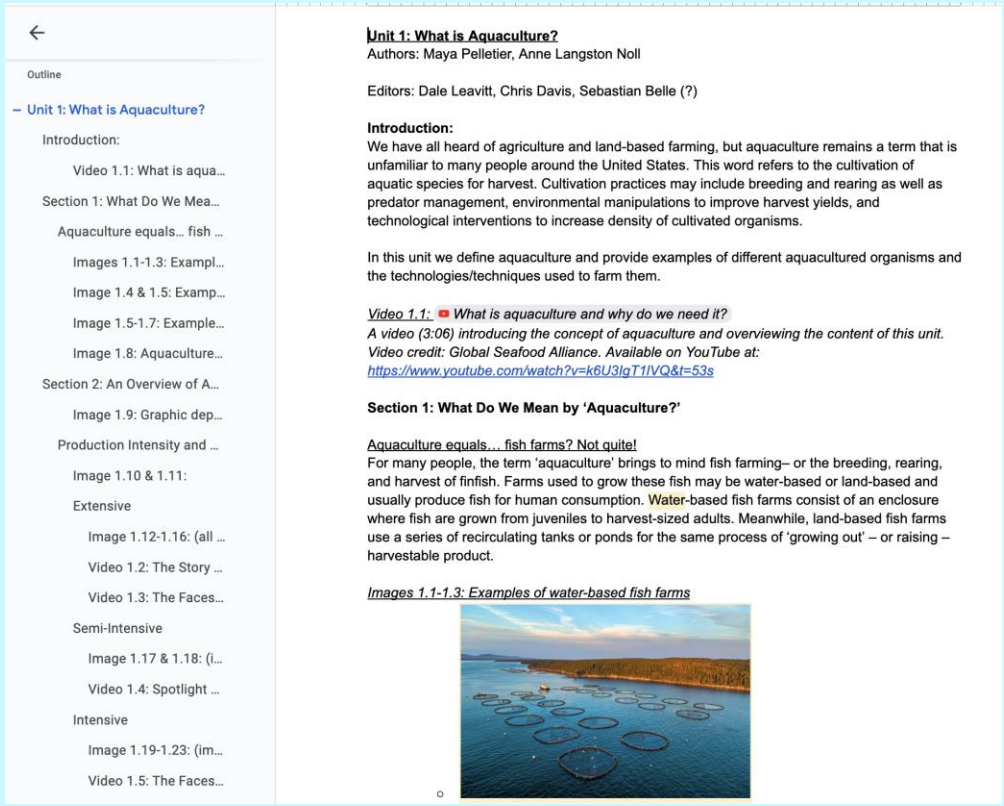
Create outline for revised materials with online platform in mind →

Update and revise existing content to fit new outline →

Add content to highlight diverse perspectives →

Select engaging and pertinent visual and audio media to supplement text →

Work with experts to edit updated modules



Learning Resources

Your content goes here. Edit or remove this text inline or in the module Content settings. You can also style every aspect of this content in the module Design settings and even apply custom CSS to this text in the module Advanced settings.

Enroll as an A

Working with a New Platform: LearnDash + WordPress

- **Creating educational modules, units, and sections**
- **FREE registration for users**
- **Instructor features**
  - **Quizzes**
  - **Student progress tracking**
  - **Certificates**
  - **Managed enrollment**

Your content goes here. Edit or remove this text inline or in the module Content settings. You can also style every aspect of this content in the module Design settings and even apply custom CSS to this text in the module Advanced settings.

Introduction to Aquaculture

Community Aspects of Site Selection

Your content goes here. Edit or remove this text inline or in the module Content settings. You can also style every aspect of this content in the module Design settings and even apply custom

Site Selection: Environmental, Physical, and Biological

Your content goes here. Edit or remove this text inline or in the module Content settings. You can also style every aspect of this content in the

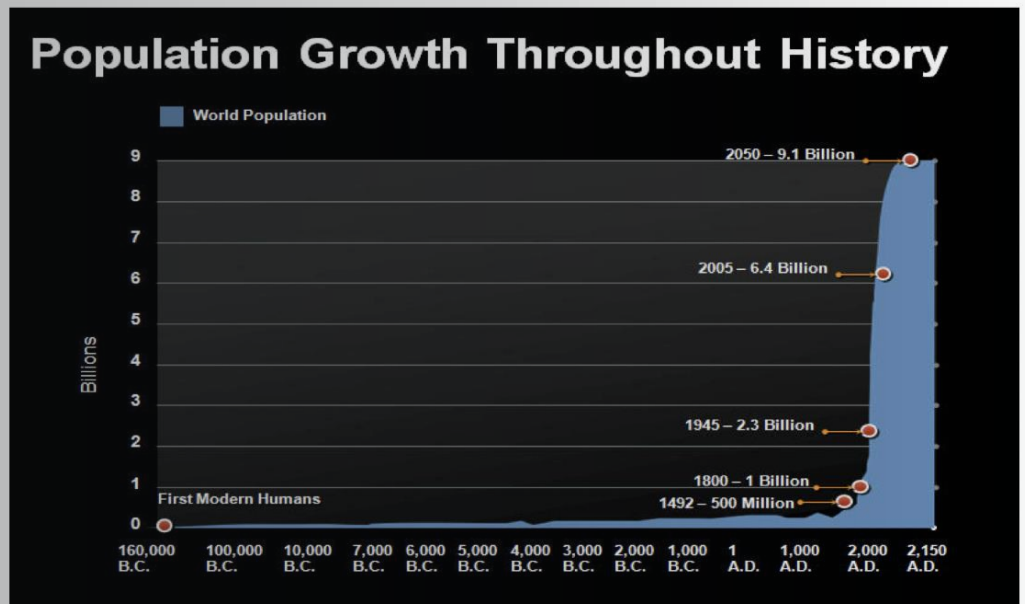
Feeding a Growing Global Population

by MAPSeaweed | Jun 8, 2023

Testing the New Platform...

Currently aquaculture supplies over 50% of fish that is consumed globally. It is projected to be the prime source of seafood by 2030, due to increasing demand from the growing global middle class, and the depletion of wild capture fisheries.

When practiced responsibly, fish farming can help provide livelihoods and feed an increasing global population.



Lessons and Next Steps

Lessons:

Adapting content across platforms requires content revision

Keeping track of citations is key for updating materials

Learning objectives must be considered in tandem with platform design

Don’t recreate existing resources

Next Steps:

- Upload finalized module to website
- Ask student users for feedback on formatting
- Complete additional modules
- Provide content access to partner organizations
- Rollout content to student users across Maine