

Marine Resource Education Program

Common Questions

- “Why the hell do you fish there?”
 - “You aren’t fishing where the fish are!”
- “Why do you use that old net?”
- “How can you base an assessment on so few fish?”

NEWS ITEM: DATA FLAWED IN SET



MREP



Fishery Science 100

Fishery Management Process 100

Fishery Science 200:

Insights into Stock Assessments

“Fishermen are trained to catch fish. Biologists, managers, and environmentalists are trained to save fish. There is the problem. We all need some type of education on how to work for the same goals in fishery management.”

-Rodney M. Avila, MREP 2001 curriculum committee





"I see the MREP as a chance to bring people together...to exchange knowledge. Too many fishermen do not understand scientific procedure and many people in management do not understand the fine scale aspects of fishing."

-David Goethel, MREP Science 100 moderator, MREP 2001 curriculum committee



Fishery Science 100

Day One-

- Population Biology
- Oceanography, Ecosystems and Productivity Considerations in Stock Assessments

Day Two-

- Sampling, Statistics and Surveys
- Stock Assessment Modeling
- Biological Reference Points

Day Three-

- Managing Catch and Bycatch
- Cooperative Research
- The Role of Science in Management



Fishery Management Process 100



Day One-

- Federal Fishery Management Laws
- Fishery Management Council Process
- How the Federal Regulatory Process Works
- Atlantic States Marine Fisheries Commission

Day Two-

- Roberts Rules of Order
- Participating Effectively in the Council Process
- The Role of Congress and Judiciary in Fisheries
- The “Super Fish” Case Study
 - Role play of hypothetical annual specification



Day Three-

- Role of the United States Coast Guard
- Emerging Issues in Sustainable Fisheries
- Talk to NOAA Fisheries Leadership



Fishery Science 200: *Insights into Stock Assessments*



Day One-

- NEFSC Deputy Administrator introduction
- Fishery Dependent Data Sets
- Tour the R/V Bigelow
 - Fishery Independent Data
- Collaborative Research
 - Incorporating Fishermen's Data

Day Two –

- Northeast Observer Program HQ
- Survey Sampling Gear Warehouse
- Age and Growth Lab
- Stock Assessment Models
 - Assembling all the data sets

Marine Resource Education Program FAQs

- Gulf of Maine Research Institute serves as the MREP administrative home
- Funding is by the NOAA Cooperative Research Program

- MREP Founding Principals:

- John Williamson
- Mary Beth Tooley

- 2014 MREP Implementation Team:

- Libby Etrie
- Mary Beth Tooley
- Alexa Dayton
- Patty Collins
- John Williamson
- New England community members
- Mid-Atlantic community members



- Over 600 MREP graduates since its inception in 2002
- Northeast MREP held in locations from Maryland to Maine
- Recent launch of MREP pilots in South Atlantic, GoMex and Carriibbean regions

To apply:

<http://www.gmri.org/our-work/fisheries-convening/mrep-northeast/apply>
or contact Patty Collins (207) 228-1625 pcollins@gmri.org



Questions:

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