

BIOEXTRACTIVE TECHNOLOGIES for NUTRIENT REMEDIATION

Explore the potential benefit of bioextractive technologies such as seaweed and shellfish cultivation and harvesting to the nearshore estuarine environment of Long Island Sound

THURSDAY, DECEMBER 3

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| <p>8:30-9:00 Breakfast</p> <p>9:00-9:15 Opening Remarks
Mark Tedesco,
Long Island Sound Study</p> <p>9:15-10:15 Shellfish Aquaculture Practices and Technologies
Introduction
Gary Wikfors,
NOAA Fisheries Service
Ecosystem Services Rendered by Shellfish Aquaculture
Bob Rheault,
East Coast Shellfish Growers Association</p> <p>10:15-10:30 Break</p> <p>10:30-12:00 The Influence of Eastern Oysters on Ecological Processes in Chesapeake Bay: Insights From Recent Modeling Studies
Roger Newell,
University of Maryland
Hypothetical Case Study for Using Extractive Technologies for Meeting Nutrient Criteria Goals for the Great Bay Estuary, New Hampshire
Richard Langan,
University of New Hampshire</p> <p>12:00-12:45 Lunch</p> | <p>12:45-1:45 Seaweed Farming Practices and Bioremediation
Introduction
Charles Yarish,
University of Connecticut
Seaweed Use to Mitigate Aquaculture Induced Eutrophication Processes in Chile
Alejandro Buschmann,
Universidad de Los Lagos</p> <p>1:45-2:30 The European Experience in the North Sea: From Theory to Reality
Bela Buck,
Alfred Wegener Institute</p> <p>2:30-3:15 Sustainable Ecological Aquaculture: A Business Case for Bioextraction
Stephen Cross,
University of Victoria</p> <p>3:15-3:30 Break</p> <p>3:45-4:30 Modeling the Environmental Impact and Operations of Marine Fish Farms
Dale Kiefer,
University of Southern California</p> <p>4:30-5:15 Applying the System Wide Eutrophication Model (SWEM) for a Preliminary Quantitative Evaluation of Biomass Harvesting as a Nutrient Control Strategy for Long Island
Robin Miller,
HydroQual</p> |
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FRIDAY, DECEMBER 4

- 8:30-9:00** Breakfast
- 9:00-10:30** The Economics of Nutrient Harvest:
Overview of Alternatives and
Challenges to Creating Incentives
Kurt Stephenson,
Virginia Tech
Carrying Capacity and Economic
Considerations for Shellfish
Aquaculture in US Coastal Waters
Hauke Kite-Powell,
Woods Hole Oceanographic Institution
- 10:30-10:45** Break
- 10:45-11:30** Bioextraction in Practice: A Case
Study for Shellfish Cultivation
Odd Lindahl,
University of Gothenburg
- 11:30-12:30** Lunch
- 12:30-3:00** **Panel Discussion:** Bringing
Bioextractive Technologies to
Long Island Sound
Moderator: Charles Yarish,
University of Connecticut
Jeanette Brown,
**Stamford Water Pollution
Control Authority**
David Carey,
**Connecticut Dept of Agriculture,
Bureau of Aquaculture**
Curt Johnson,
Connecticut Fund for the Environment
Paul Mankiewicz,
Gaia Institute
Bob Rheault,
**East Coast Shellfish
Growers Association**



FOR MORE INFORMATION

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