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2015 AQ Summit: Short Report

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### AQUACULTURE IN MAINE: SUMMARY OF R&D PRIORITIES

#### Shellfish Aquaculture R&D Priorities in Maine
1. Selective breeding
2. Site selection for grow out
3. Harvesting efficiency

#### Other priorities identified:
- Nursery technology
- Seed collection technology
- Direct sales from Farms
- Crop protection
- Shell hardness (mussels)
- Vibrio detection/resistance

#### Fin fish Aquaculture R&D Priorities in Maine
1. Sea lice
2. Feed quality
3. Superchill

#### Other priorities identified:
- Amoebic Gill Disease
- Bacterial Kidney Disease
- Disease diagnostics
- Effluent treatment
- Farming Blue Fin Tuna

#### Sea Vegetable Aquaculture R&D Priorities in Maine
1. Identifying new high value products
2. Processing technology
3. Nursery & Seeding Technology

#### Other priorities identified:
- Site selection for grow out
- Harvesting efficiency

#### Non-sector specific Aquaculture R&D Priorities in Maine
1. Waste utilization
2. Social acceptability
3. Identification of new candidate species

#### Other priorities identified:
- Management of invasive species
- Management of impacts of environmental change
- Offshore aquaculture
- Inter-tidal aquaculture
- Engaging citizen scientists for environmental data
- Knowledge sharing

#### Processing/Product Development Aquaculture R&D Priorities in Maine
1. By-product re-use
2. Understanding consumer preferences & markets
3. Value added products for pharma, biotech etc industries

#### Other priorities identified:
- Multi/shared-use processing centers
- Food traceability
- Social acceptability

#### Aquaculture Gear Technology R&D Priorities in Maine
1. Re-using working waterfront infrastructure for aquaculture
2. Heating efficiency
3. Adapting lobster boats for aquaculture, &
Using lobster pounds for aquaculture

#### Other priorities identified:
- Gear share schemes