

Surfclam Fisheries Enhancement: What Do (and Don't) We Know?

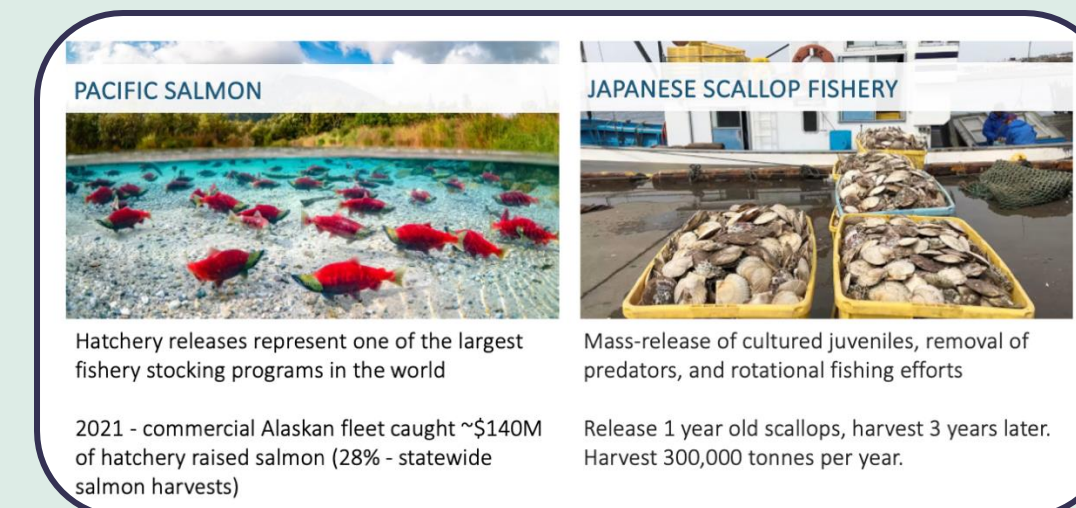
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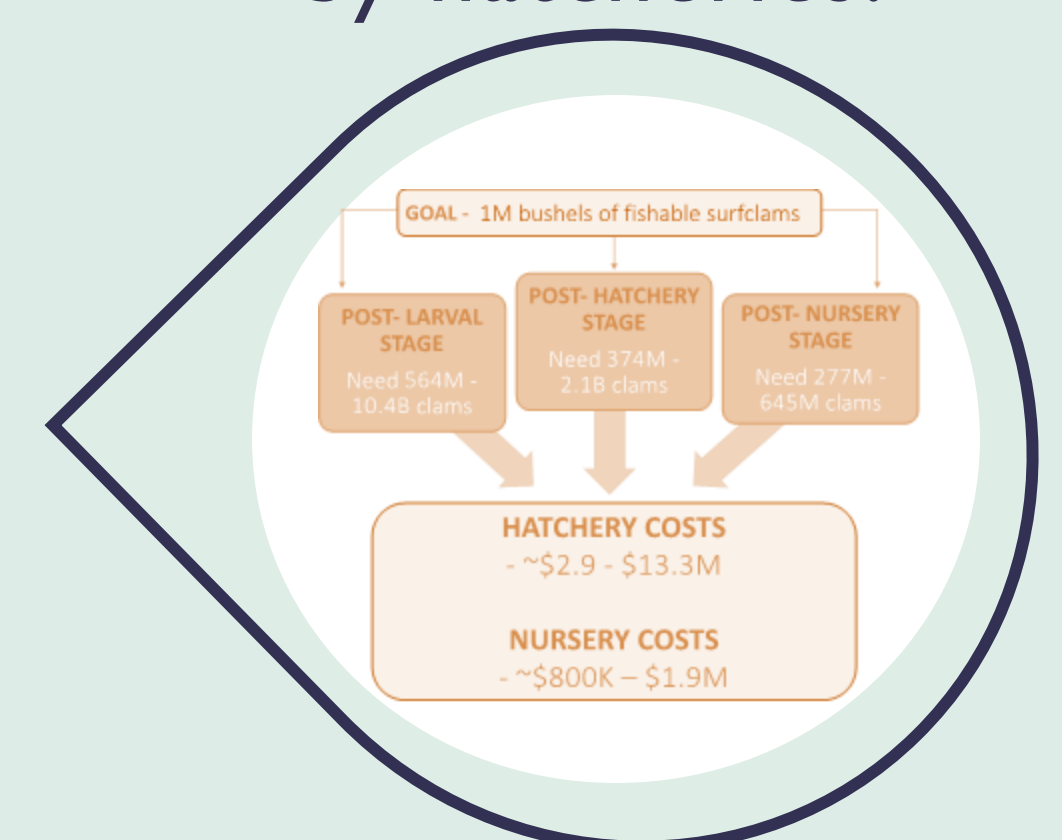


Fishery enhancement ...not
a new idea



Seed Production

A desktop study demonstrated
this may be feasibly supported
by hatcheries.



SURFCLAM

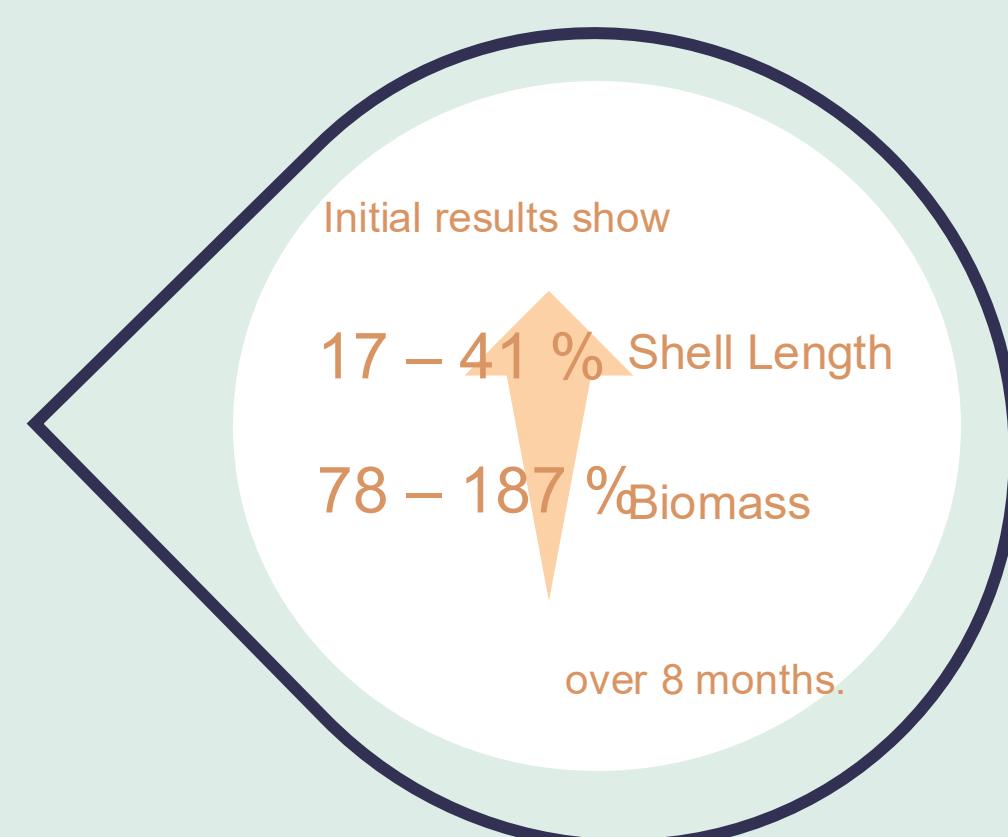
Hatchery Capacity

Reviewing regional commercial hatchery
capacity to assess how seed production
can be supported and identify additional
hatchery investments that will be needed.



Seed Survival & Growth

Experiments underway evaluating response of seed
clams to ocean environmental stressors, seed
growth and survival under various planting
densities and sizes, and vulnerability to predators.



Seeding Strategies

Design and optimization of a custom
seeding machine is underway. Machine
learning planned to identify locations
for enhancement.



Key Uncertainties & Next Steps

A side meeting at State of the
Science will focus on identifying
important gaps and prioritizing
next steps.

ENHANCEMENT

Thank you to our funders

ATLANTIC SHORES
offshore wind



More information

Paper:
Seed Production Scale Needed



Munroe Lab Website:
More papers available here

Video:
Clams Deployed in Experiment



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