Strengthening the working waterfront

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The working waterfront is fishermen and fishing communities



Why is a working waterfront important?

- Important economic driver for the Nation, especially in coastal states.
- Vital voice for conservation and sustainable fisheries.
- Harvesting fish from the sea is integral to the identify of coastal people.



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If you aren't fishing, there isn't much of a need to own a boat. And as village life ceases to revolve around these vigorous outdoor activities, it will more and more settle on the four prongs of a cultural pitchfork: welfare, TV, junk food, and alcohol.

- Dan O'Neill, <u>A Land Gone Lonesome</u>



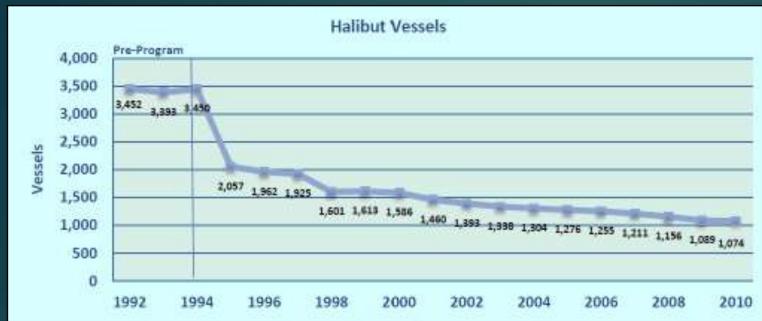
Thriving Waterfronts

- A productive resource that supports an economically viable fishing industry and a healthy workforce.
- A regulatory structure that encourages stewardship, diversification, and participation in fisheries by local residents.

Threats to the working waterfront

- ▶ Fleet consolidation
- Limiting options and rising access costs
- Inadequate socioeconomic analysis





Fleet Consolidation



Limiting Options: Rising Access Costs

- Diversification can substantially reduce the variability of income and therefore risk from commercial fishing.
- ► The current fleet of vessels on the US West Coast and in Alaska is less diverse than at any point in the past 30 years.

From: Kasperki and Holland, PNAS 2012



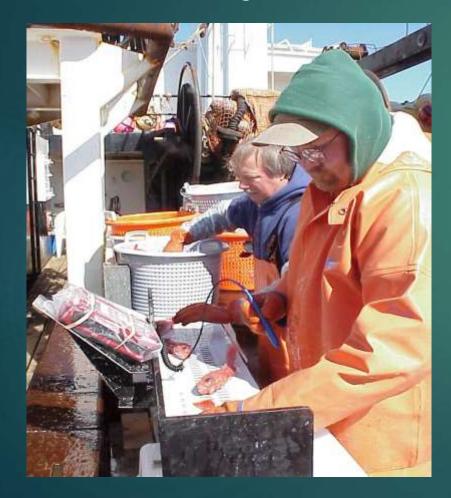
Socioeconomic Analysis



Capturing impacts to large vs. small operations

Socioeconomics of Scale

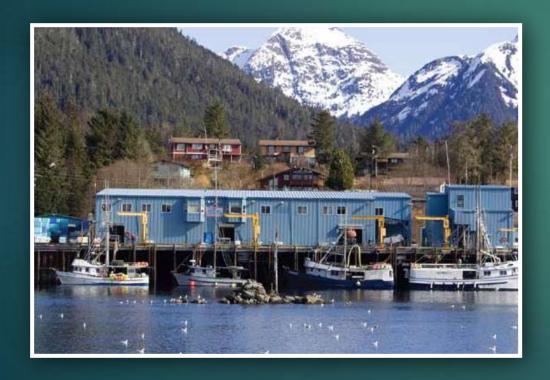
At-sea monitoring: human observers VS. electronic monitoring





Socioeconomic of sectors Capturing contributions and impacts

Commercial



Charter/for hire



Changing Course



Limit Consolidation

- Rethink "economic efficiency"
- Monitor fleet/community health over time and adjust regulations to meet working waterfront objectives





Promote Diversification and Affordable Access

- Provide management alternatives scaled to meet the needs of community-based fishermen.
- Build fleet and community resilience by promoting diversification.
- Support programs that anchor fishery access in communities.



Strengthen Effect Analysis

- Consider social as well as economic effects.
- Recognize effects differ between large and small fishing operations.
- Develop baseline data and standardized metric to evaluate waterfront industries.
- Assess cumulative impacts to fleet and waterfront.

Conclusion

- Adhere to science-based management
- > Rethink economic efficiency and fleet consolidation
- > Promote diversification and affordable access
- Strengthen socioeconomic analysis

