UNEVENNESS IN AMERICA'S BLUE ECONOMY: socio-spatial juxtapositions in global and local seafood chains Stephanie Webb, ABD, MA, MURP, Environmental Studies Department at University of California, Santa Cruz, swebb1@ucsc.edu

<u>Introduction</u>: Advancements in logistical capacity and technology have resulted in unprecedented levels of seafood trade¹, which is now the world's most traded food commodity, valued greater than coffee, cocoa, and sugar combined². Blue economy initiatives attempt to balance sustainable use of ocean resources and economic growth³, but little discussion has occurred regarding the political economic arrangements in seafood exchange and distribution that can foster or stifle idealist aims of the blue economy.

salmon, but not herring."

- U.S. Wholesaler – Distributor

Case Study Background

The Pacific herring fishery is the 8th largest fishery by volume on the Pacific Coast⁴. Paradoxically, Pacific herring are rarely, if ever, seen in local or regional marketplaces and are primarily harvested for export⁵.



Theoretical Approaches & Methodology

- Commodity systems analysis⁶
- "Follow the fish" approach⁷
- Multi-sited ethnography
- Snowball sampling
- Semi-structured interviews
 - (2016 2017)
 - ✓ 10 Early-chain actors: fishers, first receivers, exporters (California, Alaska, USA)
 - ✓ 12 late mid-chain: traders, wholesalers (Hokkaido, Japan, Hong Kong, China)
 - 7 Formal and informal governance representatives (California, Alaska, USA, Hokkaido, Japan)
 - Manufacturer (Hokkaido, Japan)
 - ✓ 16 Market vendors in (Hokkaido & Tokyo, Japan)



Figures 2-7: Participant Observations from U.S. & Japan

Research Questions

- 1. Who are the key actors and what are crucial activities in global seafood commerce?
- 2. How are local and global markets connected?
- 3. How is informal governance or authority created and exerted through seafood distribution and exchange?



Following the fish: The role of subsistence in a fish-based value chain. Ecological Economics; Grafeld, et al. (2017). Follow that fish: Uncovering the hidden blue economy in caral reef fisheries. *PlaS* one. 8) Purcell, S et al. (2017). Distribution of economic returns in small-scale fisheries for international markets: a value-chain analysis. Marine Policy.

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