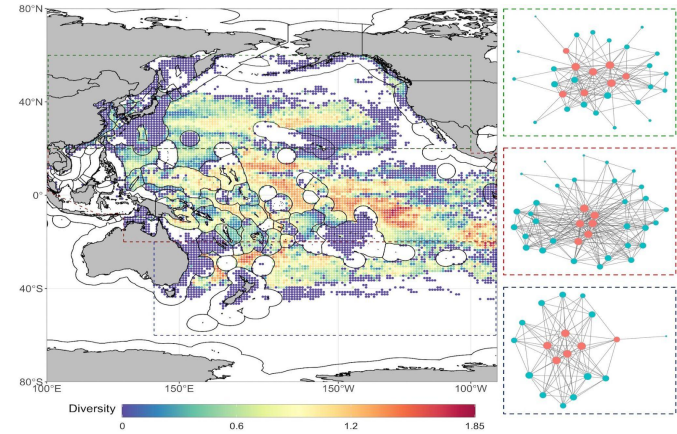# Project Proposal: Seafood Supply Chains

Keiko Nomura
IB 516

# Prior Background

Fisheries governance, resilience →
spatial and network tools

- Ignored GitHub for as long as possible
- But…
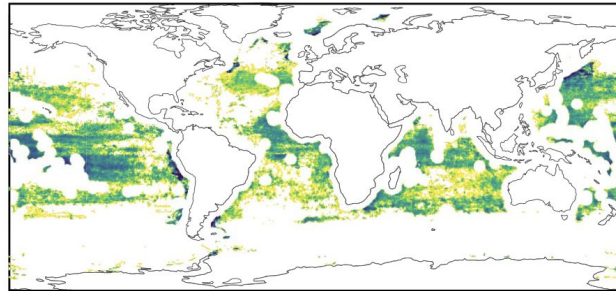  - Collaborative projects
  - Open science
  - Project timing

# Seafood supply chains are globally interconnected
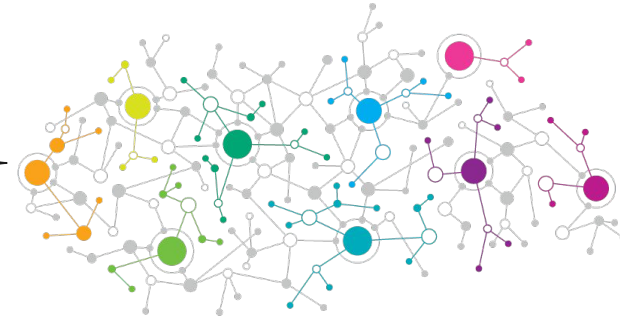

Distant water fishing fleets

Fishing energy (thousand kWh)
<10   30   100   300   1000   >5000
Sala et al. 2018


International supply chains


Network analysis to measure system

GLOBAL FISHING WATCH

# Term Goals and Anticipated Challenges

1. Establish clean workflow
2. Download vessel movement data from GFW's API using new R package
3. Check out other Github repo's for code characterizing vessel movement behaviors

**Potential challenge:** datasets are large