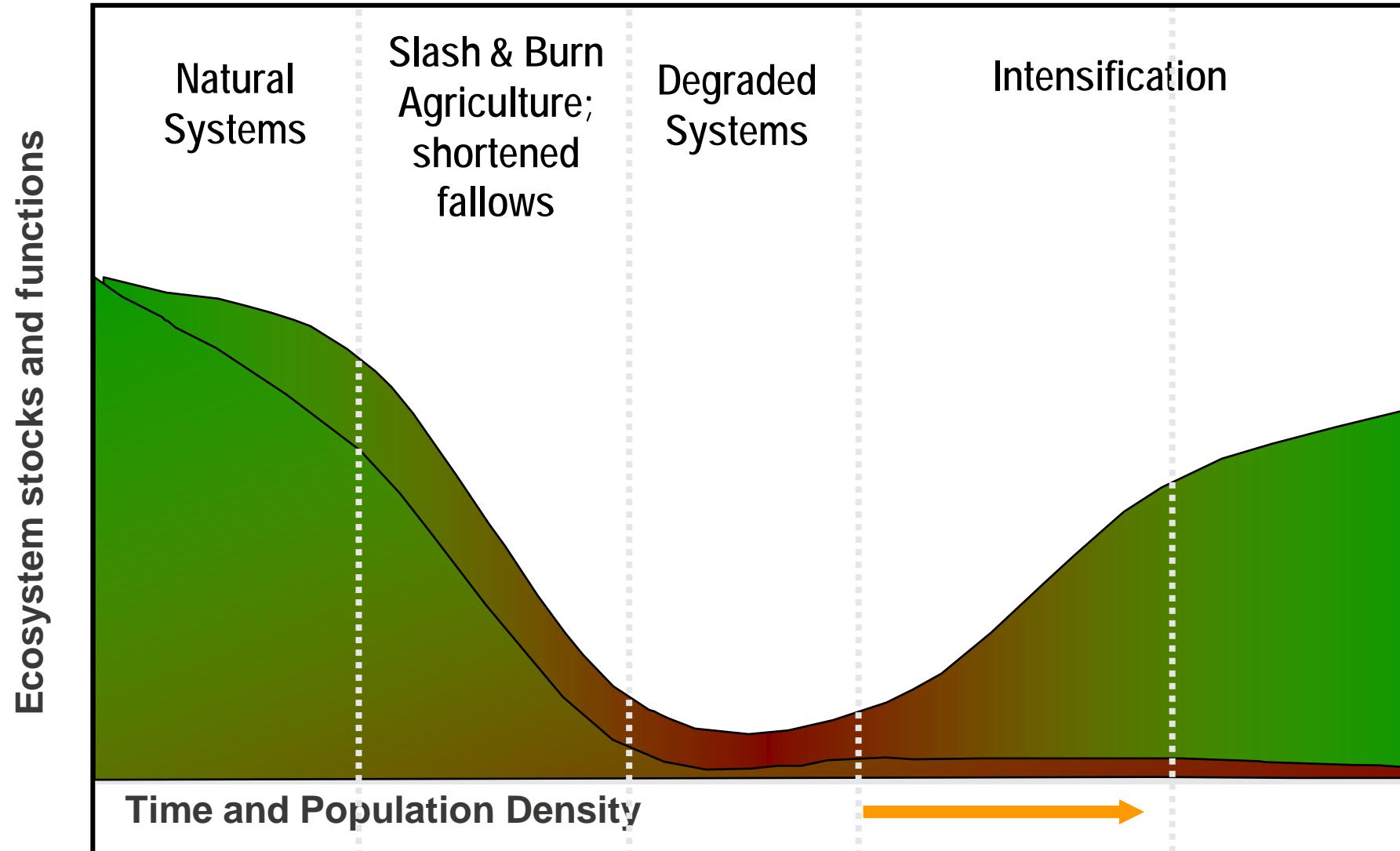




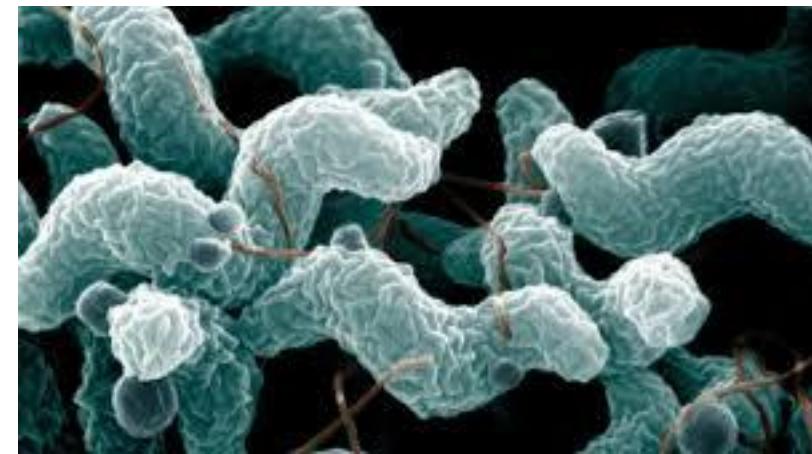
An African Green Revolution: Sustainable Agricultural Intensification

How do we manage the system to minimize losses or recuperate ecosystem services? And assure improved human wellbeing?



Zoonoses and global food safety

- Global burden of foodborne diseases
- Epidemiology of food- and waterborne diseases in the US
- Feed the Future Innovation Lab for Livestock Systems
 - Animal health management and food safety
 - Epidemiology and control of environmental enteric dysfunction
- Risk assessment and cost-effectiveness analysis of produce safety

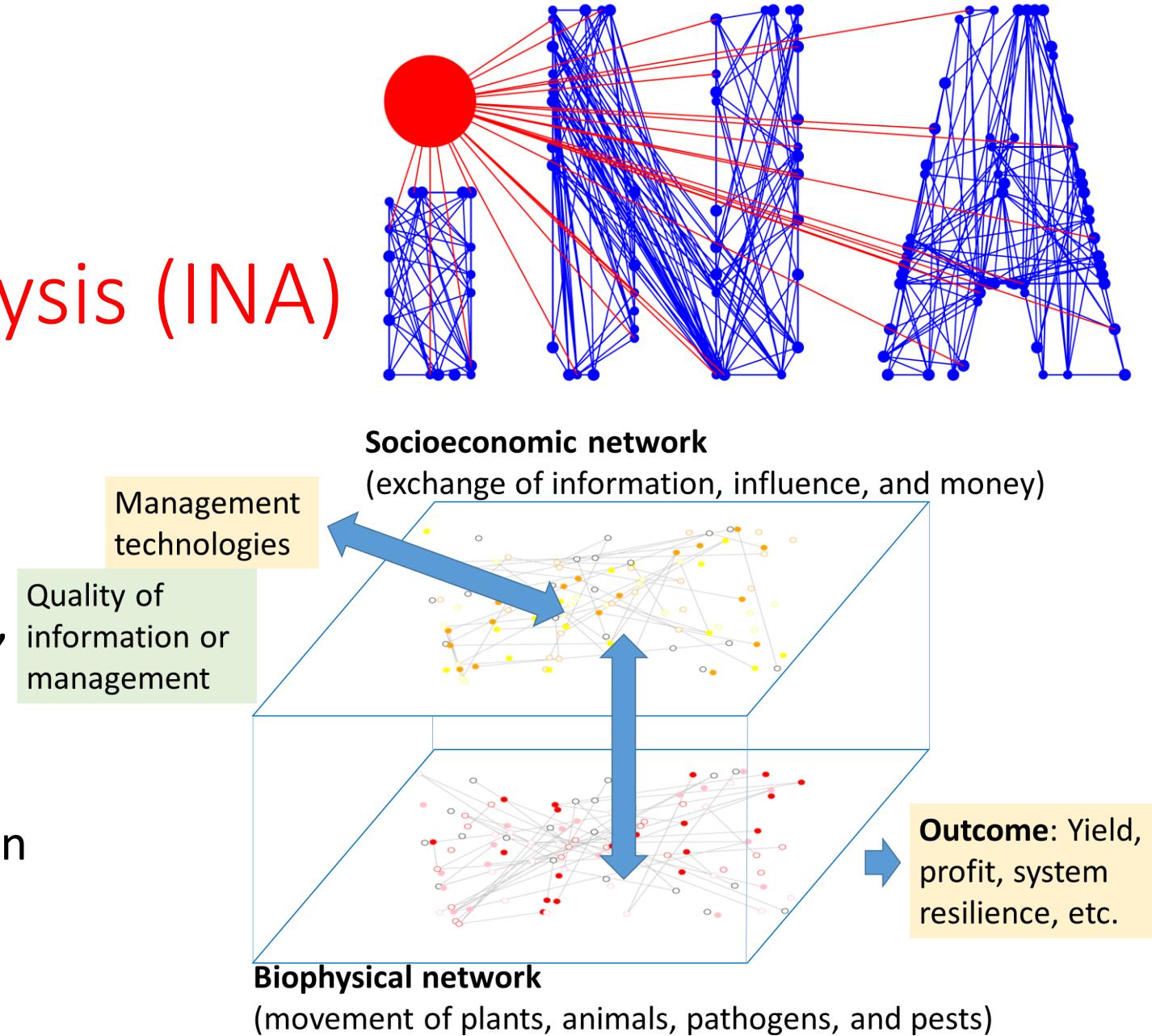


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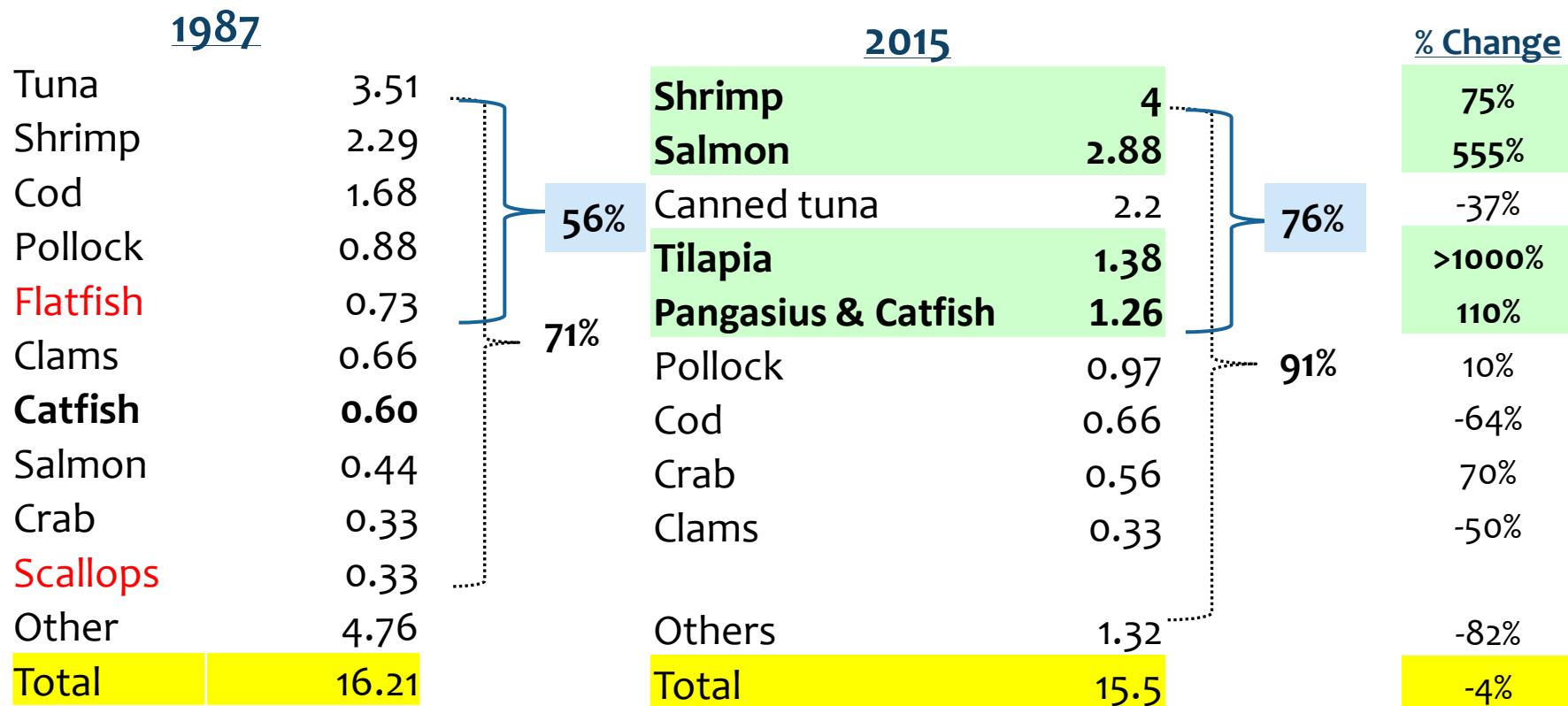
Impact network analysis (INA)

- The Garrett Lab is developing INA as a platform for evaluating and improving system management strategies
- Impact OF research products such as information/training, disease resistance, and pest and disease management technologies in general
- Impact ON spatial ecological processes, such as gene/genotype spread, pathogen invasions or ecosystem services more broadly
- Impact THROUGH communication and decision-making in socioeconomic networks, and linked biophysical networks



U.S. Per Capita Seafood Consumption:

New Supply chains - More Imports and Aquaculture - Fewer Species

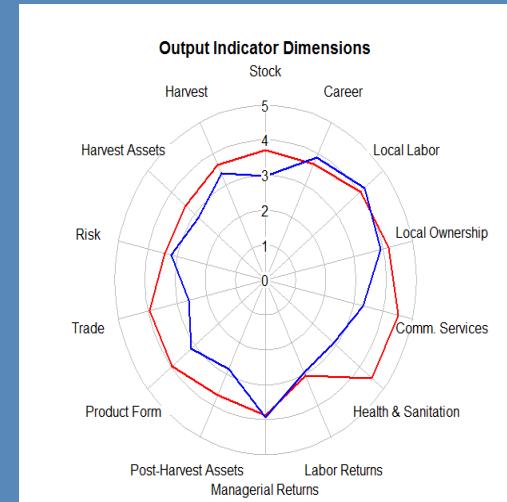
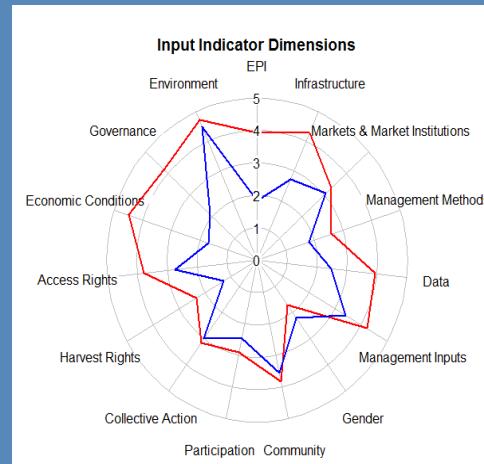


Source: NFI (1990, 2016)

James Anderson –

Aquatic Food Systems, Markets & Trade, Policy Analysis, Aquaculture

1. Fishery Performance Indicators



2. The Future of Shrimp

