

Communication and Collaboration within the Atlantic Salmon Governance Structure of Maine

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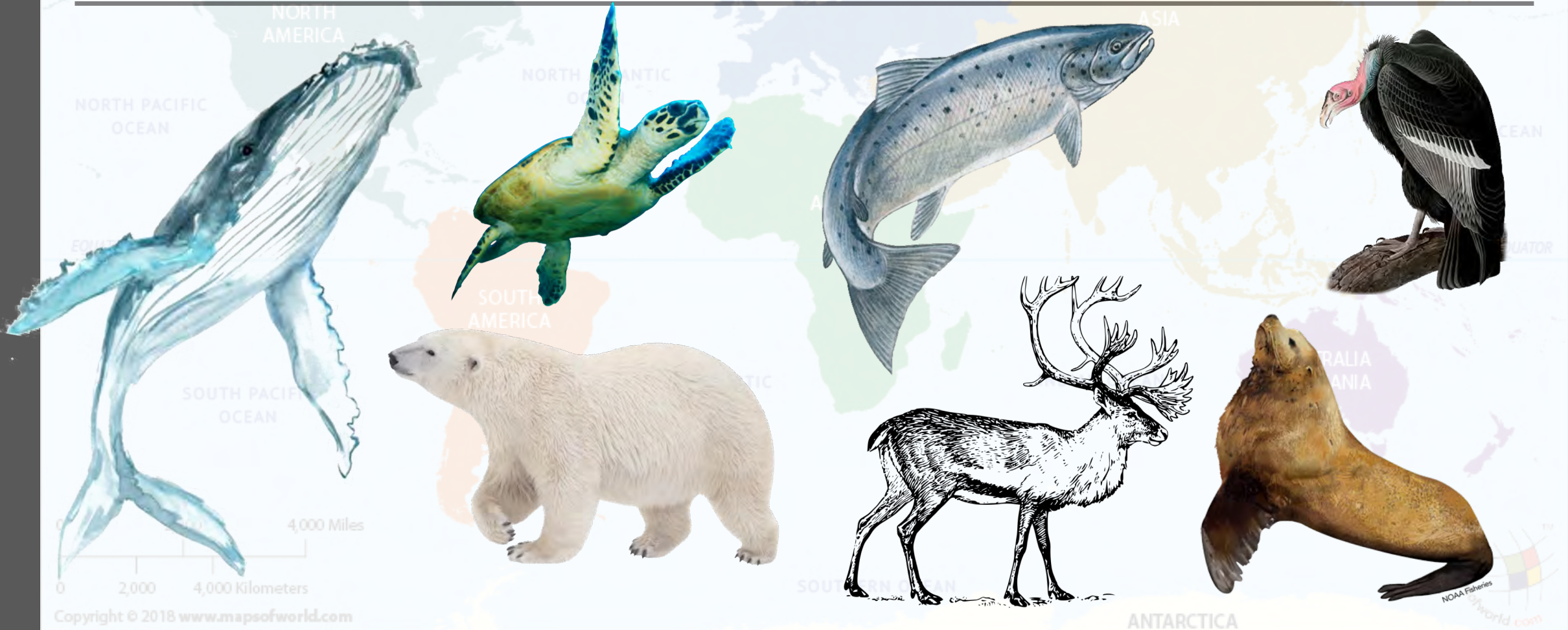
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Bridie McGreavy

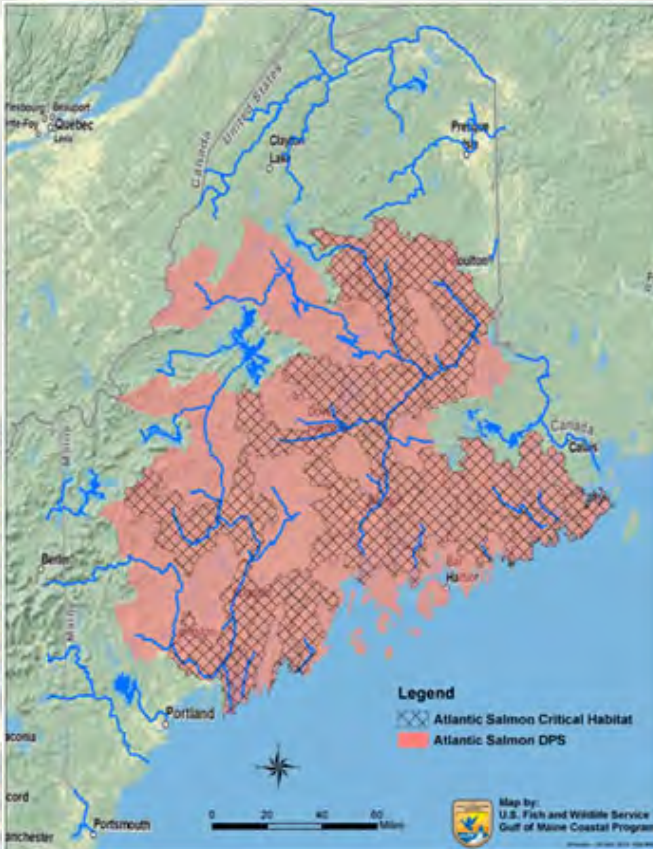
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Dept. Communication and
Journalism

Joint Jurisdictional Management



Gulf of Maine Distinct Population Segment of Atlantic Salmon



ASRF Formal Structure

Policy Board

**Management
Board**

SAT

MEAT

CAT

FWAT

CHAT

GDAT

OEAT

Approach

Communication Network Analysis:

Sociometric Survey (n=45)

Semi-structured Interviews (n=28):

ASRF operations and perceptions

History of management

Power dynamics

concerns and suggestions

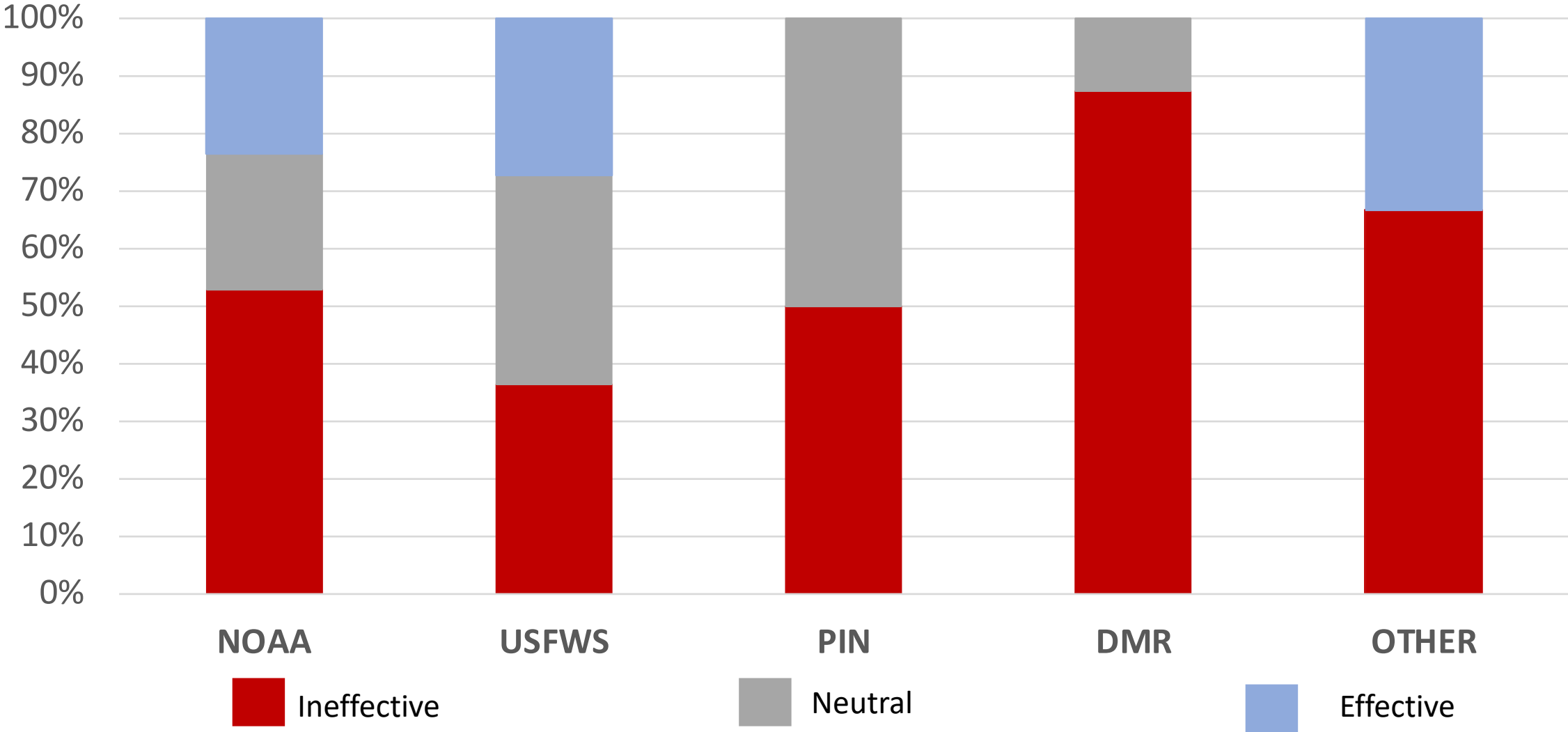
Sociometric Questions

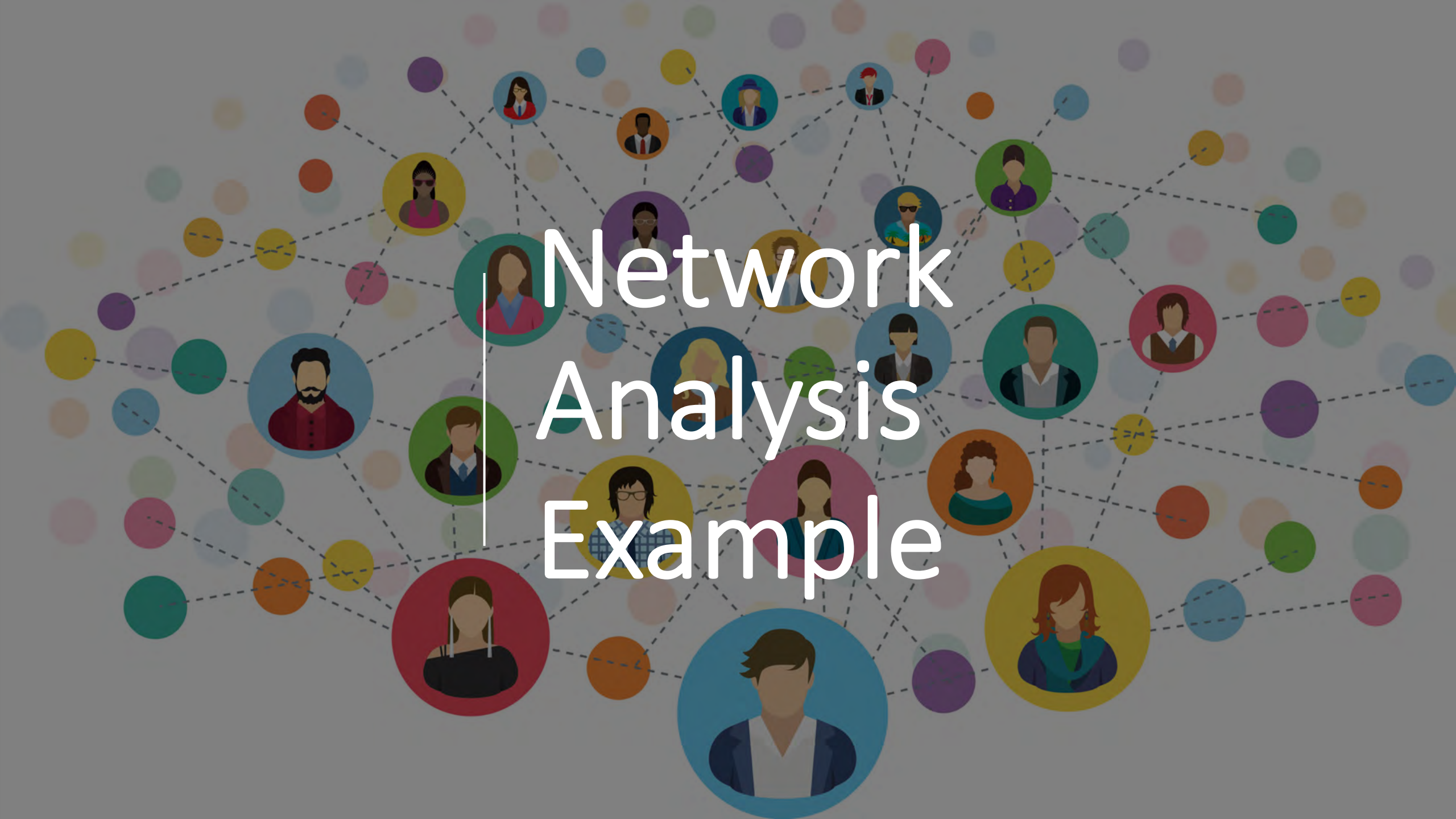
How frequently do you communicate with the other members of the ASRF?

How productive do you feel your communications are with the other members of the ASRF?

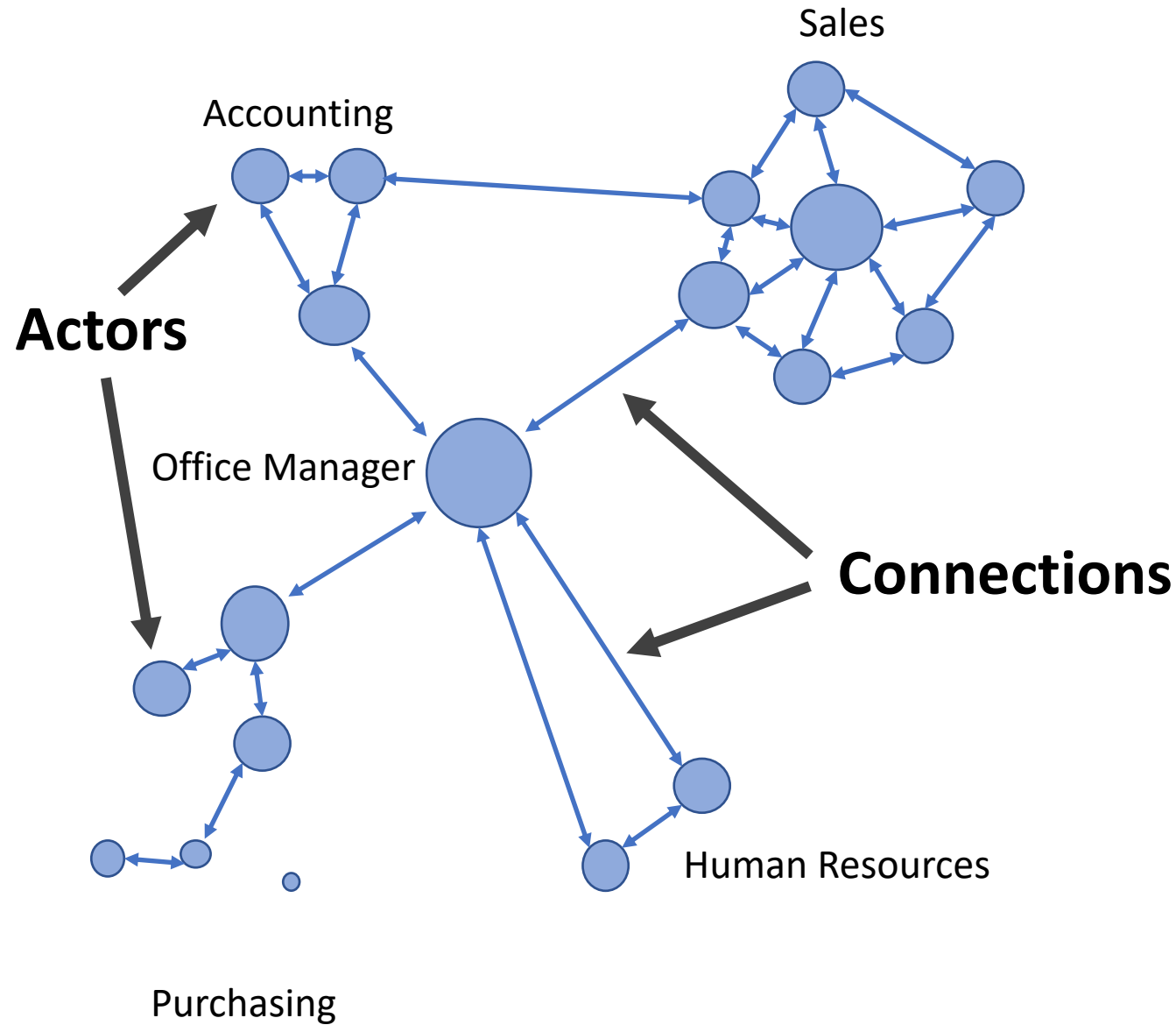
How effective do you feel the ASRF is as a governance structure for Atlantic salmon management in Maine?

Perceptions of ASRF Efficacy



A network diagram illustrating social connections. It features numerous circular nodes, each containing a stylized human figure. The nodes are interconnected by a web of dashed lines, representing relationships. The nodes are color-coded in various shades including blue, green, yellow, orange, red, and purple. The background is a light gray with a pattern of small, semi-transparent colored circles. The text 'Network Analysis Example' is centered over the diagram in a large, white, sans-serif font.

Network Analysis Example

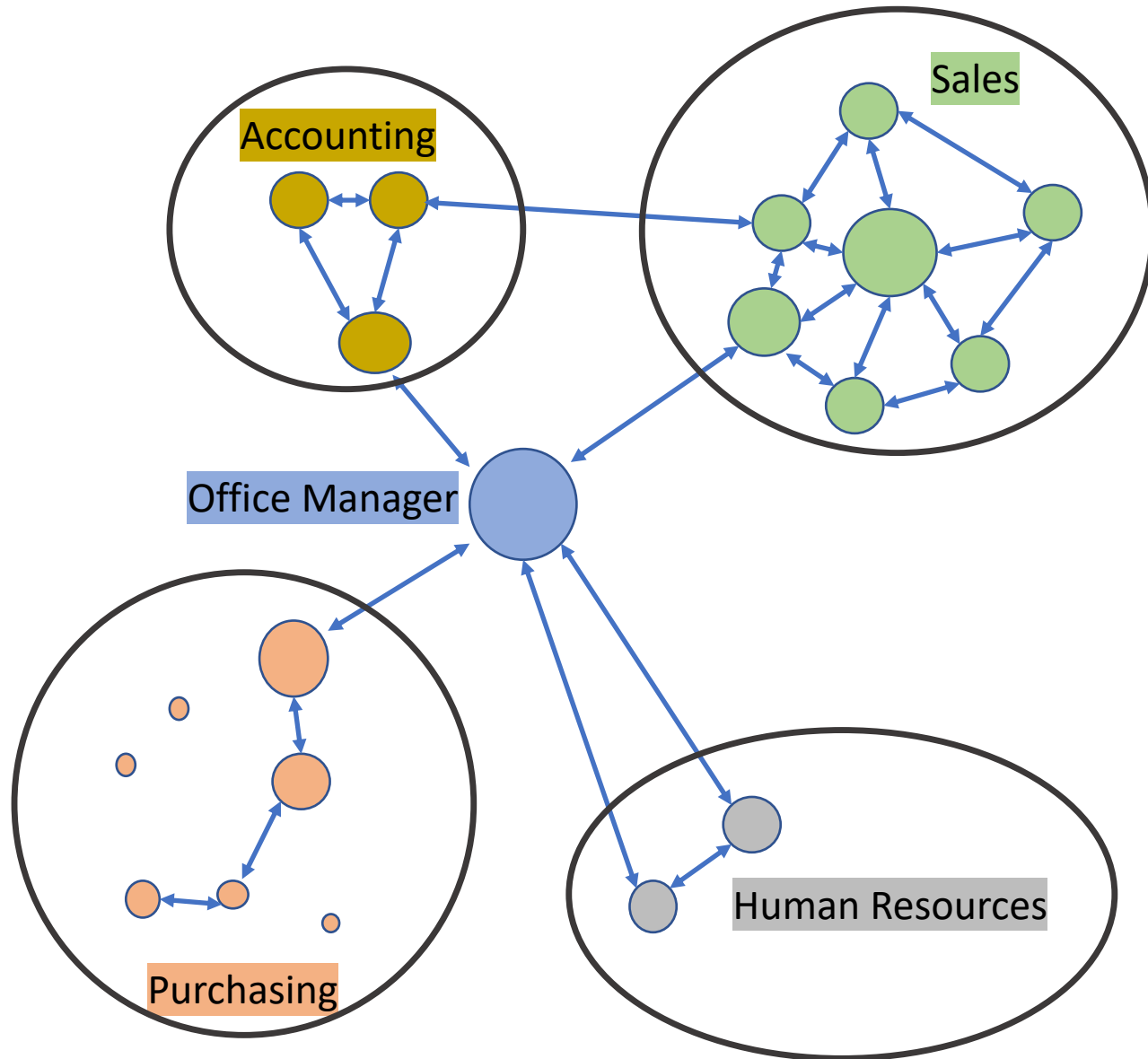


Actors and Connections

Cliques or Communities

Network Density

Bridges and central actors

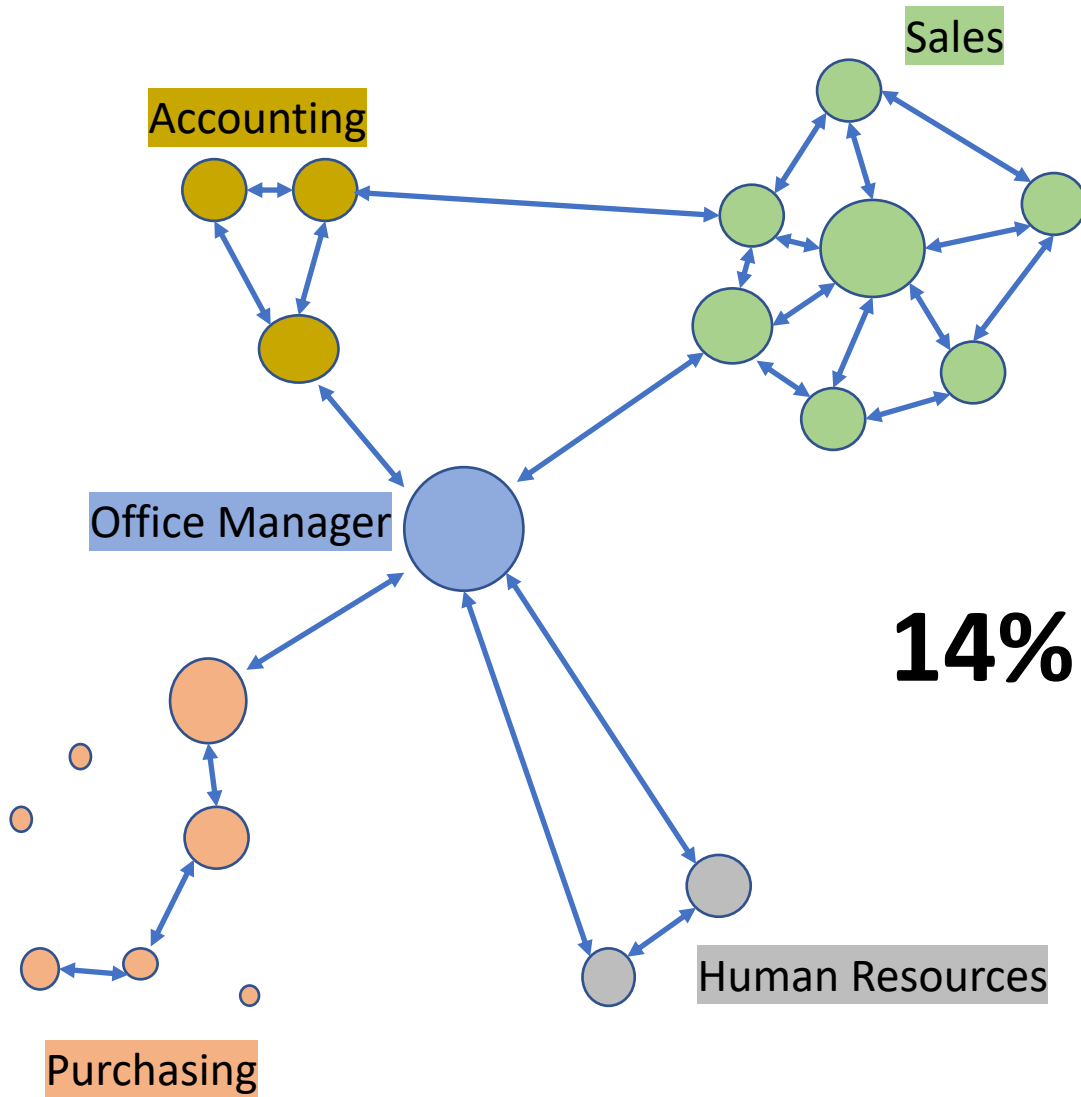


Actors and Connections

Cliques or Communities

Network Density

Bridges and central
actors

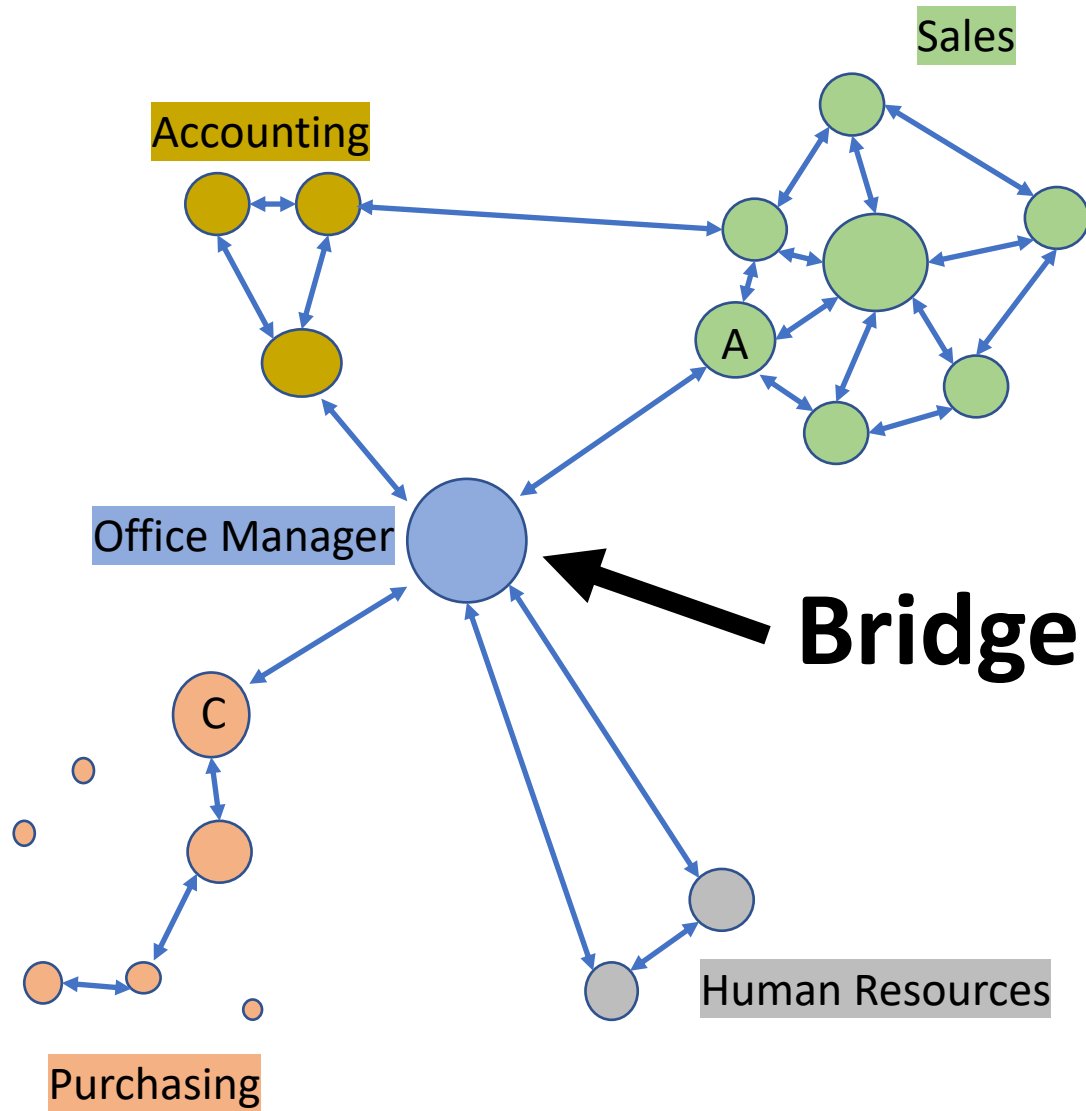


Actors and Connections

Cliques or Communities

Network Density

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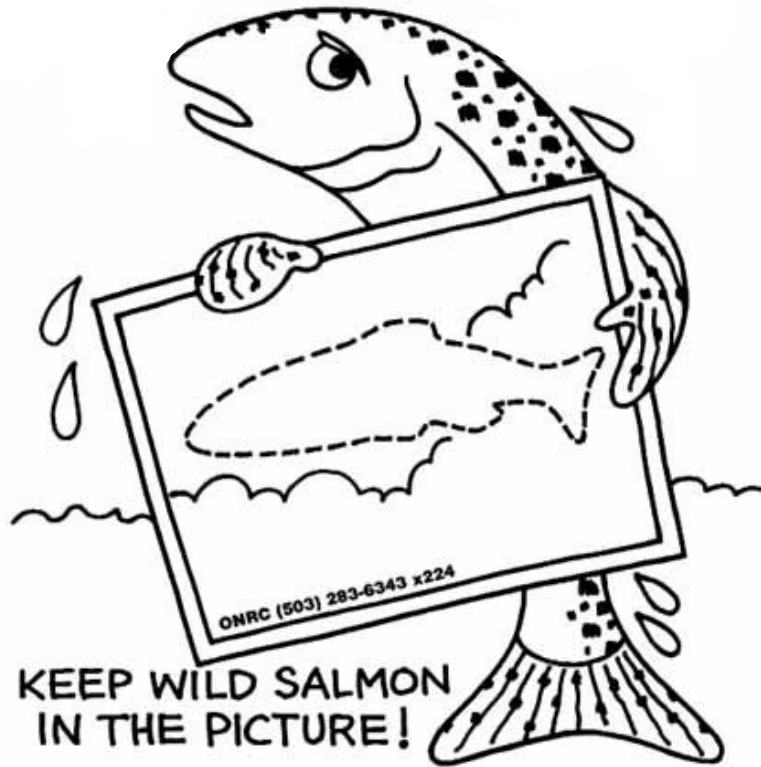


Actors and Connections

Cliques or Communities

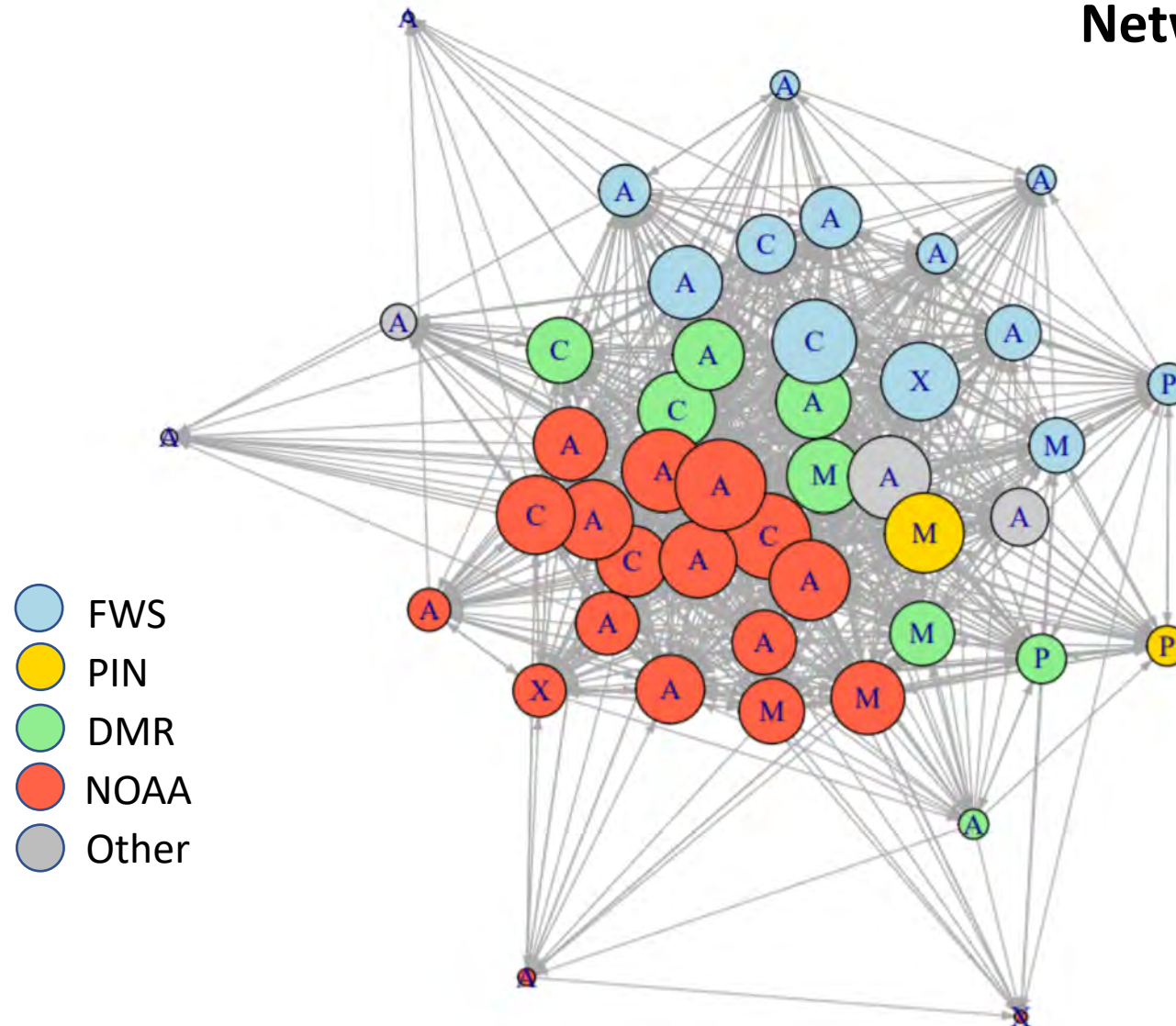
Network Density

Bridges and Central
Actors

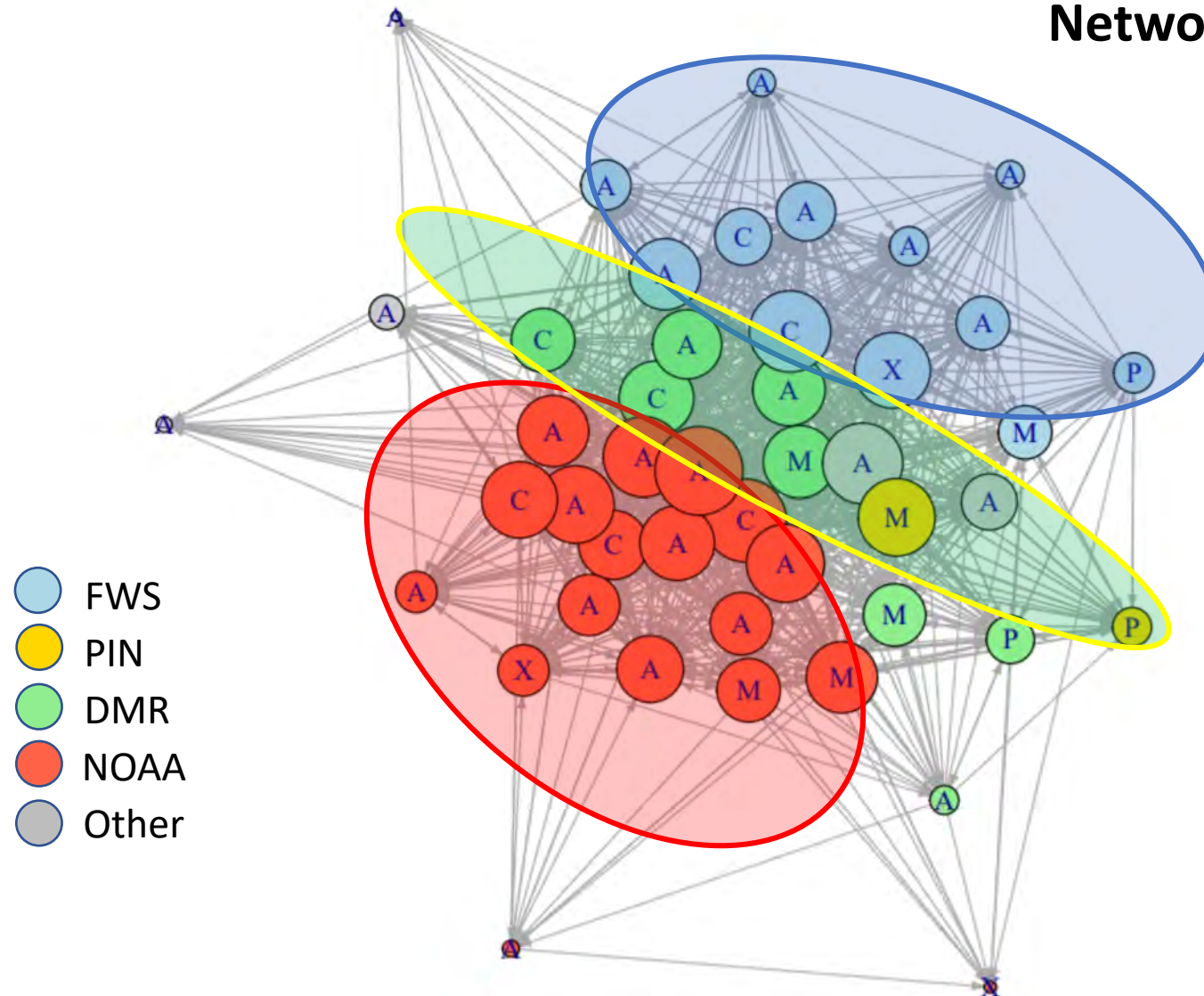


Network analysis- Results

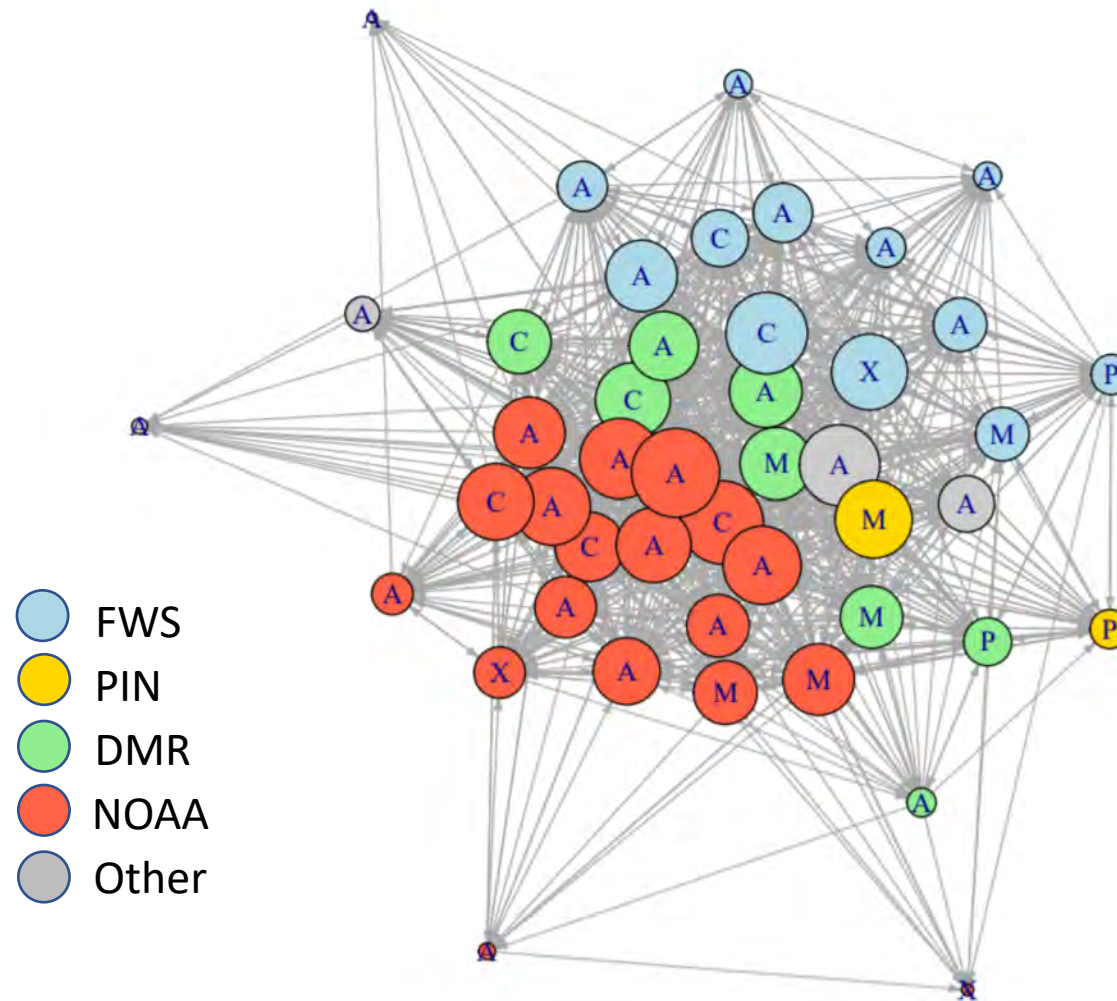
Network Density = 56%



Network Density = 56%



Communication lines are open – Network Density = 56%



Not centralized in a manner that optimizes decision making!

ASRF Formal Structure

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**Management
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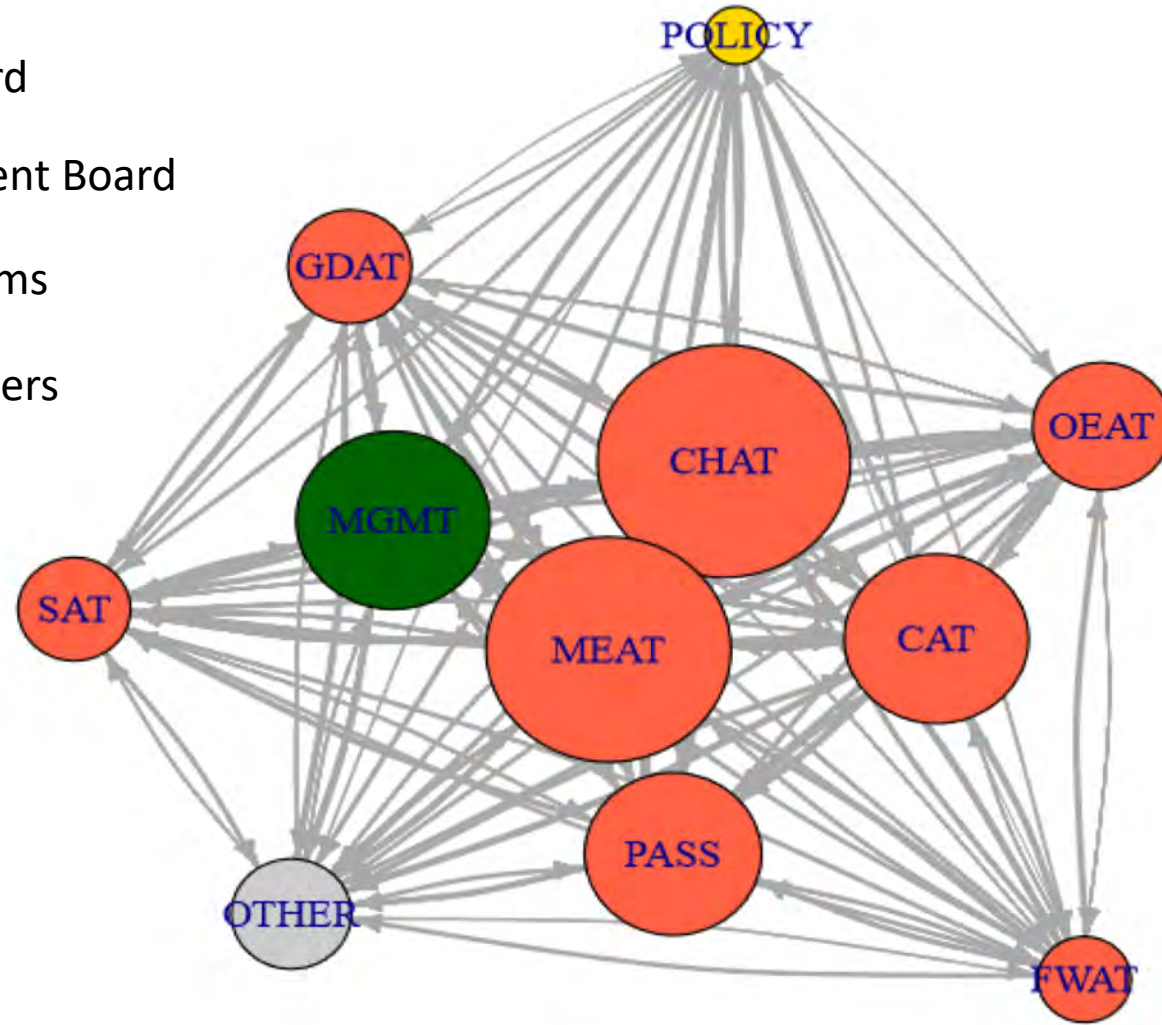
FWAT

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- Policy Board
- Management Board
- Action Teams
- Not Members



Network Summary

- Separation of organizations in network does not reflect framework structure
 - *Low integration across organizations*
- People are highly connected, but information flow is poorly centralized
- Action teams are unbalanced with respect to connection and communication frequency

Interview and Survey Results

1. Membership Confusion
2. Mismatches between framework and organizational structures
3. Action team responsibilities are poorly defined

Membership Confusion

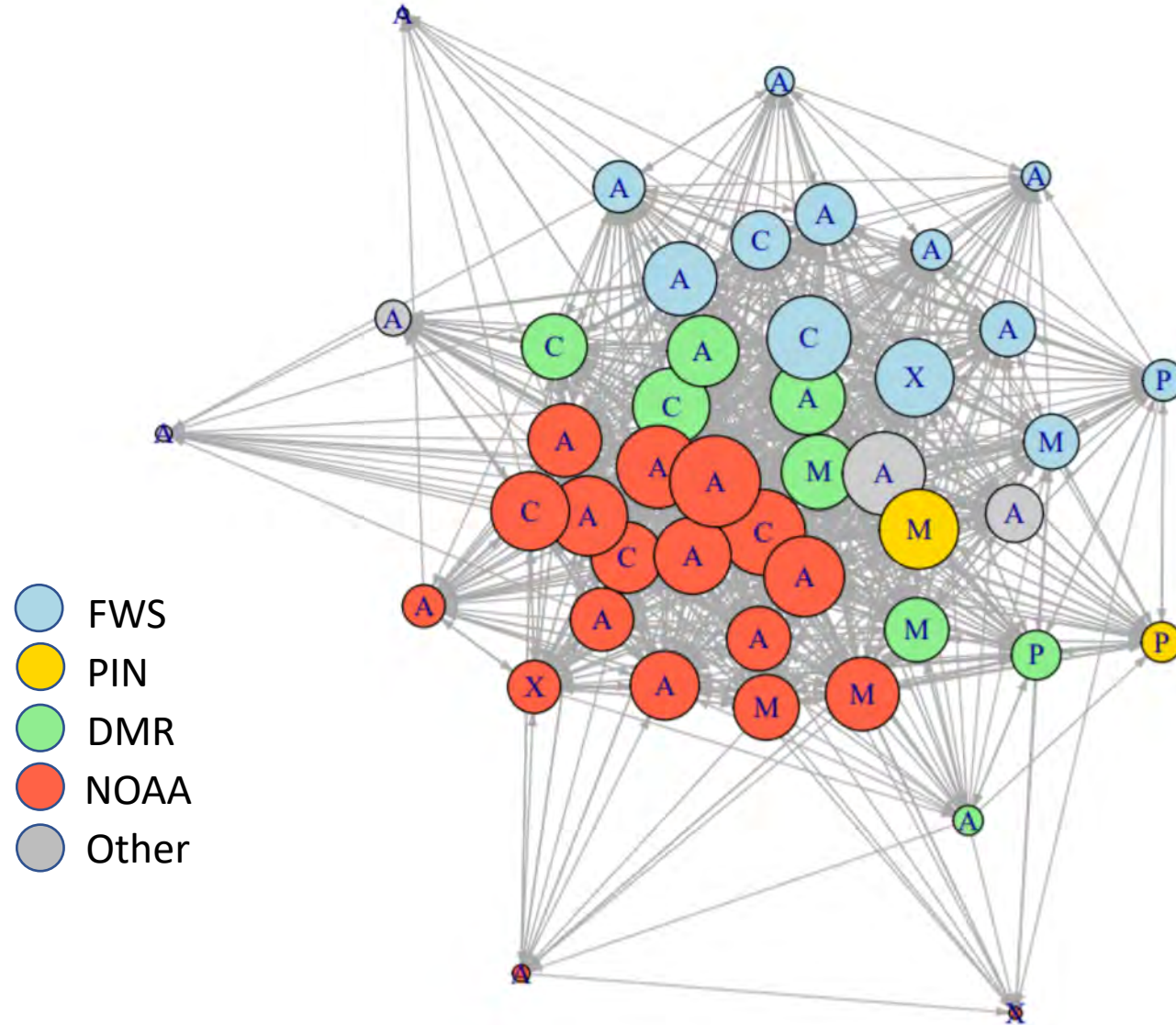
- One identified *policy board* member checked the “*not part of the framework box*”
- People *were unaware* they were on action teams
- People **thought** they were on action teams but their peers were unaware
- There are *different levels of representation* (maybe just perception or transition) in the management board for NOAA and DMR

Mismatches between framework and organizational structures

- *Key decision makers* from USFWS are *not actually in* the framework
- chairs in the *framework do not necessarily have decision making authority* in their organization
- Framework fits some *organizational structures* poorly (e.g., horizontal v. vertical structure)

Action Team responsibilities are poorly defined

- Actions teams don't know what their responsibilities are
- Teams are poorly informed as to what other groups do and where they fit in
- Teams are uncertain as to if they are making decisions or providing input
- The framework is generally an unwanted task

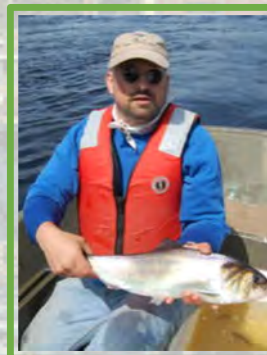


Thank You!

Collaborators



Committee





Questions?

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