



## Social and Cultural Values

# Social Impact Assessment: Objectives

- Review NMFS Guidelines and Principles for Social Impacts Assessment
- Review Social Well-being Indicators for Marine Management (SWIMM) for California Current Integrated Ecosystem Assessment (IEA) – Sara Breslow, Northwest Fisheries Science Center
- Review Social Indicators for Washington IEA for Marine Spatial Planning – Melissa Poe, Northwest Fisheries Science Center

## Social Impact Assessment: Objectives

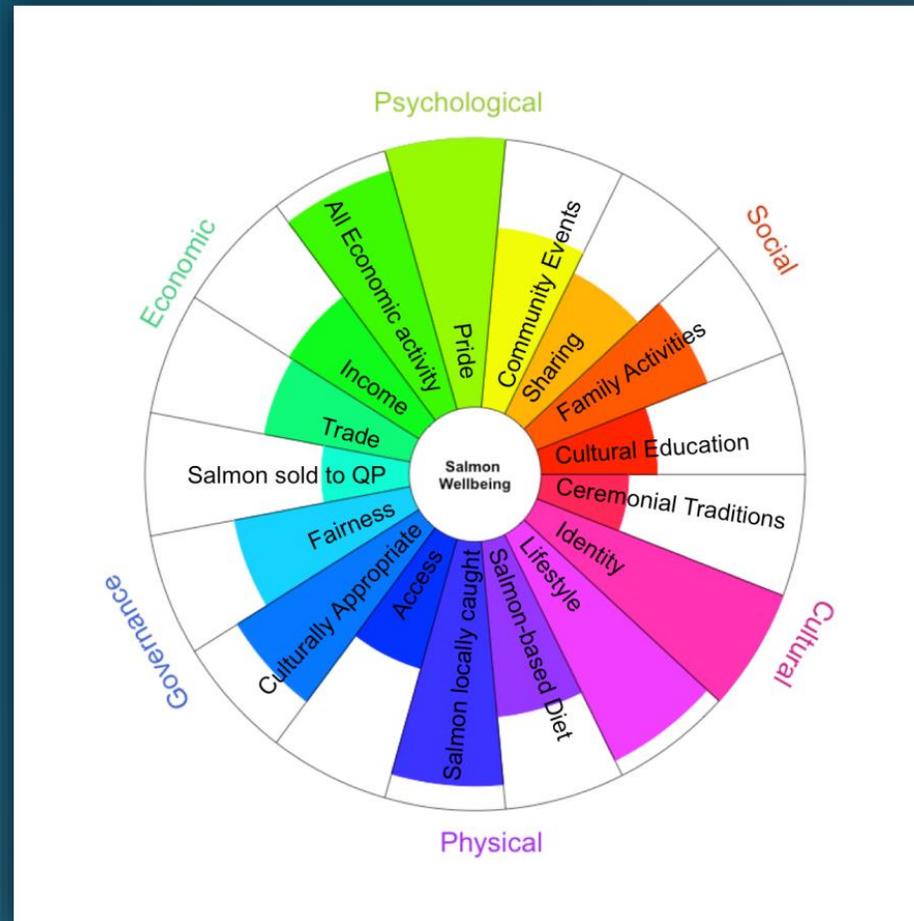
- Review Tradeoffs of Cultural, Economic, and Ecological Impacts from Salmon Restoration – Kelly Biedenweg, TNC and UW Tacoma
- Review A Baseline Report on Gitka'a'ata Way of Life: A Statement of Cultural Impacts Posed by the Northern Gateway Pipeline, and Critique of the ENGP Assessment Regarding Cultural Impacts

# Social Impact Assessment: Frameworks

- NMFS Guidelines and Principles for Social Impacts Assessment
  - Populations characteristics
  - Community and institutional structures
  - Political and social resources
  - Individual and family changes
  - Community resources

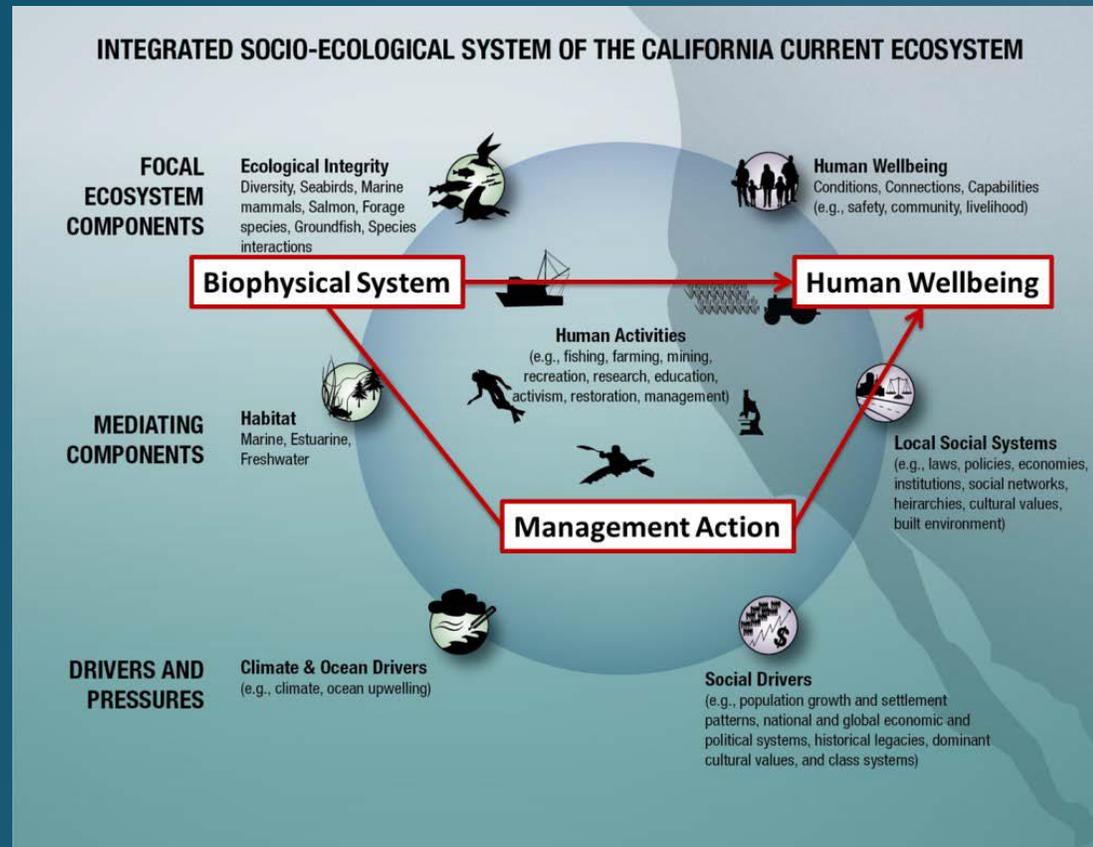
# Social Impact Assessment: Frameworks

Bidenweg  
Human Well-  
being Framework  
for  
Environmental  
Management

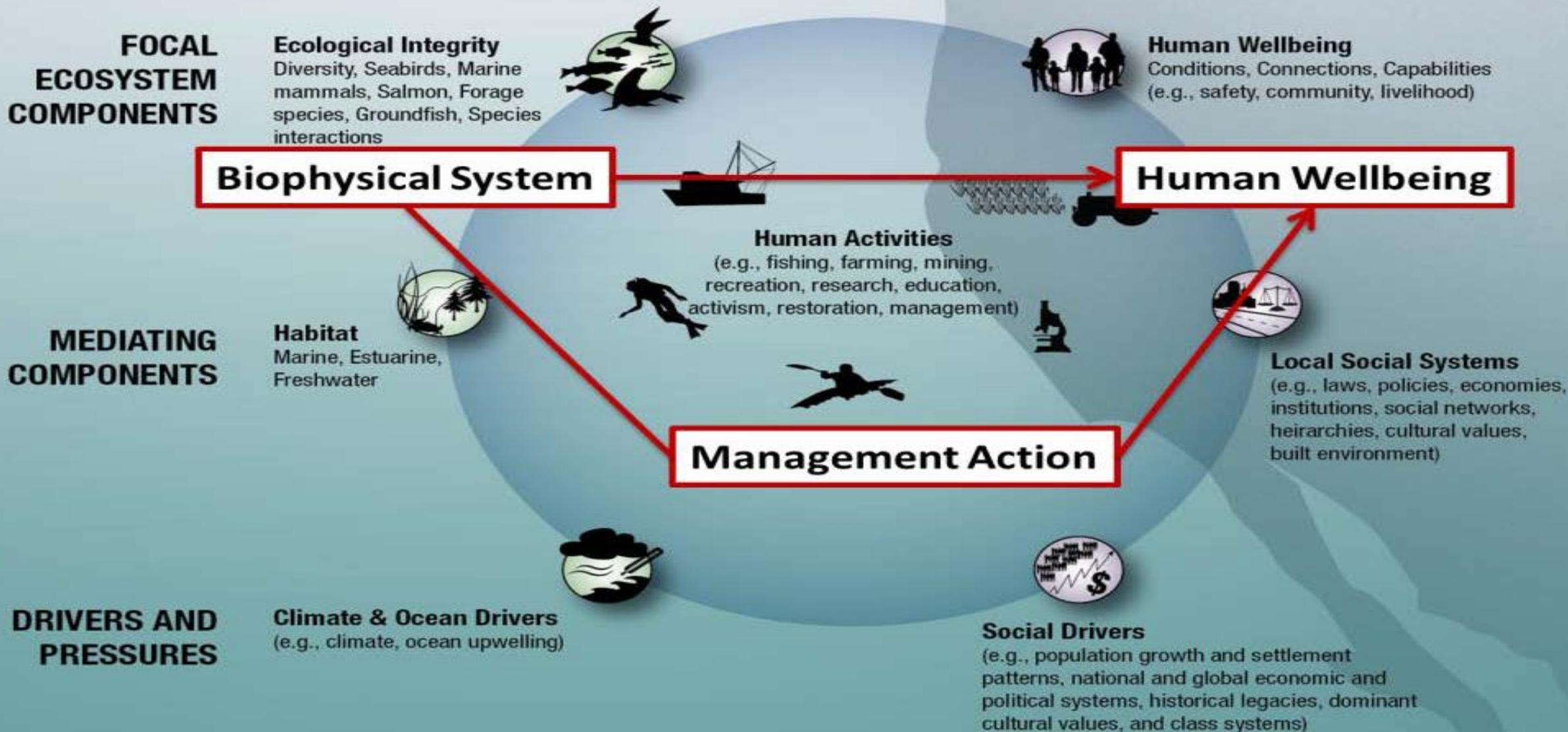


# Social Impact Assessment: Frameworks

Social Wellbeing  
Indicators for  
Marine  
Management  
NOAA, NW  
Fisheries Science  
Center

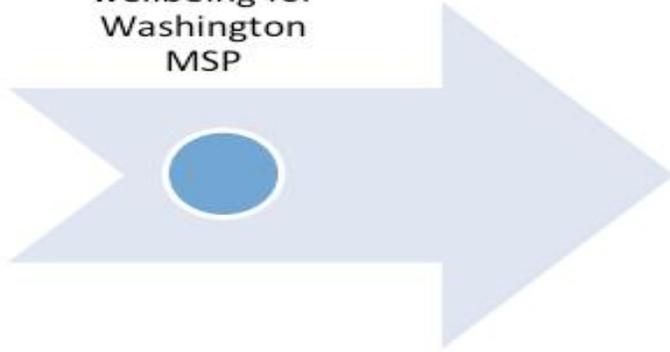


# INTEGRATED SOCIO-ECOLOGICAL SYSTEM OF THE CALIFORNIA CURRENT ECOSYSTEM



# IEA for Washington Marine Spatial Planning Social Indicator Development Process

Develop an IEA-based conceptual model of **social indicators** of human wellbeing for Washington MSP





# Social Impacts Assessment: Challenges

- Determining most useful approach to assist in successful marine spatial planning
- Survey implementation and participant response
- High time and resource constraints
- Trust between consultants and participants
- Others

## Solution: Early Stakeholder Involvement

- Build initial trust with stakeholders
- Early engagement with community leaders to discuss potential analysis and community participation
- Beta testing (preliminary interviews) to determine willingness of participants to engage and answer survey questions
- On-line survey, but will probably lose significant part of the population