

RESEARCH QUESTIONS

Q1

Who are the consumptive users?

What are these uses? What is the level of consumptive use? How does this use change over time?

Q2

What are the drivers and characteristics of the communities of place?

How are these variables tied to the site? How do these change over time?

Q3

What are the attitudes and perceptions held by community members concerning site implementation?

What are the motivating variables behind these attitudes and perceptions? How do these attitudes and perceptions change over time?

Q4

What are the potential effects to consumptive users from displaced activities?

How do these effects change over time?

Q5

Who are the non-consumptive users?

What are these uses? What is the level of non-consumptive use? How does this change over time?

Q6

What are the non-market values connected to the site?

What are the intrinsic or non-use values associated with the site? How do these values change over time?

We want to look at benefits, impacts, and equity ...

- What is the impact of Marine Reserves on the Oregon fishers and fishing occupational community? **Q1, Q4**
- What is the level of knowledge and support for Marine Reserves among Oregon residents and coast visitors? **Q1, Q3, Q5**
- What is the impact of Marine Reserves on the Oregon coastal communities? **Q2, Q4**
- What is the impact of Marine Reserves on potentially impacted individuals? **Q4**
- What are the other benefits of Marine Reserves? **Q6**

RESEARCH HYPOTHESES If marine reserves have an adverse impact ...

H1

Fisheries Impacts

on fisheries, then aggregate landings, revenues, or profits will decrease

H2

Community Impacts

on coastal communities, then per capita income will decrease and poverty will increase

H3

Knowledge and Support

then public support will decrease

H4

Individual Impacts

on potentially affected individuals, then those individual impacts will be reflected in survey responses and qualitative interviews

AGGREGATE



INDIVIDUAL

RESEARCH STUDIES

● COMMUNITY CHARACTERIZATION

● DIRECT USE

● ATTITUDES & PERCEPTIONS

● NON-MARKET VALUES

- 1 Coastal Community Profiles - Background Information (secondary data)
- 2 Coastal Community Profiles - Community Resilience, Adaptation, & Communication
- 3 Coastal Community Profiles - Fishing Occupational Profiles
- 4 Economic Impact from Research Activities
- 5 Modeling the Economic Impacts of Fishing Restrictions
- 6 Visitor Counts and Surveys
- 7 Ocean Awareness Visitor Survey
- 8 Fishing Effort Shift - Fishermen Interviews and Direct Observations (ODFW)
- 9 Fishing Effort Shift - Survey
- 10 Fishing Effort Shift - Fishermen Interviews (OSU)
- 11 Oregon Residents' Attitudes and Perceptions Surveys
- 12 Coastal Community Resilience and Subjective Wellbeing
- 13 Community Resilience Related to Marine Reserve Implementation
- 14 Business Surveys
- 15 Resident's Perceived Values of Ecosystem Services
- 16 Oregonian's Perspectives on Marine Conservation: Statewide Survey of Social Values, Attitudes, and Opinions

Research studies serve as data streams that contribute data towards answering research questions. Each study also provides standalone analyses, conclusions, and reports. A running list of completed or anticipated reports for each study are provided in the [Master List - Human Dimensions Research](#) document on Google Drive (includes links to reports).

DATA STREAMS AND RESEARCH QUESTIONS

	QUANTITATIVE DATA	QUALITATIVE DATA
Q1	<ul style="list-style-type: none"> 1 Background Data 6 Visitor Counts & Surveys 9 Effort Shift - Survey 11 Residents' Attitudes & Perceptions Survey 12 Community Resilience & Subjective Well Being 	<ul style="list-style-type: none"> 8 Effort Shift – Interviews & Observations (ODFW) 10 Effort Shift – Interviews (OSU)
Q2	<ul style="list-style-type: none"> 1 Background Data 4 Economic Impact from Research Activities 	<ul style="list-style-type: none"> 2 Community Resilience, Adaptation & Communication 3 Fishing Occupational Profiles
Q3	<ul style="list-style-type: none"> 6 Visitor Counts & Surveys 7 Ocean Awareness Visitor Survey 11 Residents' Attitudes & Perceptions Survey 14 Business Surveys 	<ul style="list-style-type: none"> 13 Community Resilience Related to Marine Reserve Implementation
Q4	<ul style="list-style-type: none"> 1 Background Data 5 Modeling Economic Impacts of Fishing Restrictions 9 Effort Shift - Survey 	<ul style="list-style-type: none"> 8 Effort Shift – Interviews & Observations (ODFW) 10 Effort Shift – Interviews (OSU)
Q5	<ul style="list-style-type: none"> 6 Visitor Counts & Surveys 7 Ocean Awareness Visitor Survey 11 Residents' Attitudes & Perceptions Survey 12 Community Resilience & Subjective Well Being Survey 16 Oregonian's Perspectives on Marine Conservation Survey 	
Q6	<ul style="list-style-type: none"> 12 Community Resilience & Subjective Well Being Survey 15 Resident's Perceived Values of Ecosystem Services Model 16 Oregonian's Perspectives on Marine Conservation Survey 	