PUGET SOUND KELP CONSERVATION AND RECOVERY PLAN

Understanding management framework of kelp Linking science and policy June 13, 2019

WORKSHOP OBJECTIVES

- I. Identify priority research and monitoring actions to inform management/regulatory changes to better protect kelp.
- 2. Identify currently available management tools that can further help conservation and restoration of kelp.
- 3. Assess opportunities for additional tools that can further kelp conservation and restoration.

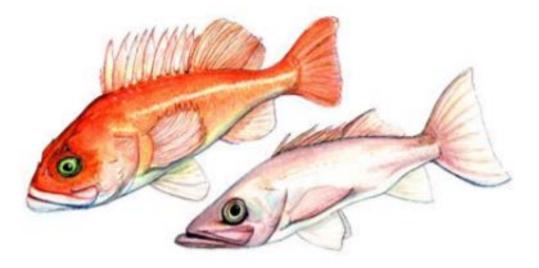
10:00-10:30	Welcome and Introductions Meeting goals and agenda review Group introductions Kelp Conservation and Recovery Plan	Dana Oster, NW Straits Commission Dan Tonnes, NOAA
10:30-11:15	Puget Sound Kelp: Trends and Roles Review of regional trends, ecology and ecosystem services	Max Calloway, Puget Sound Restoration Fund
11:15-11:30	Break	
11:30-12:00	Kelp Data Gaps and Actions	
12:00-1:00	Lunch (not provided)	
1:00-1:30	Management Framework Review understanding of current framework	
1:30-2:30	Breakout Discussions In groups discuss scenarios of human activities and kelp	
2:30-2:45	Break	
2:45-3:15	Group Reporting Review breakout group discussions	
3:15-4:00	Kelp Management Mad Libs Complete the mad libs sentences and report back to the group	
4:00-4:30	Meeting wrap up/ Next steps	

GROUND RULES

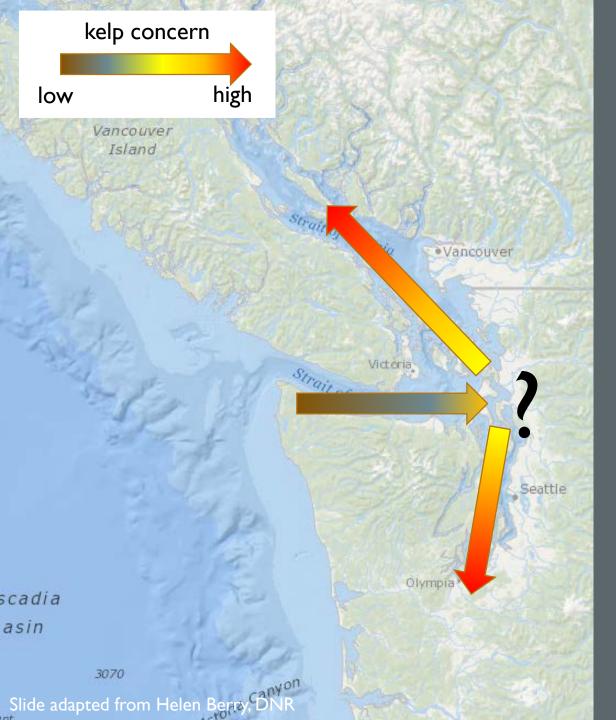
- Respect different perspectives and experiences
- Burden of proof and debating the merits of proposed policies are beyond the scope of this workshop
- Ask all the kelp questions you can think of!

ROCKFISH RECOVERY PLAN

Puget Sound / Georgia Basin Yelloweye Rockfish (Sebastes ruberrimus) and Bocaccio (Sebastes paucispinis)

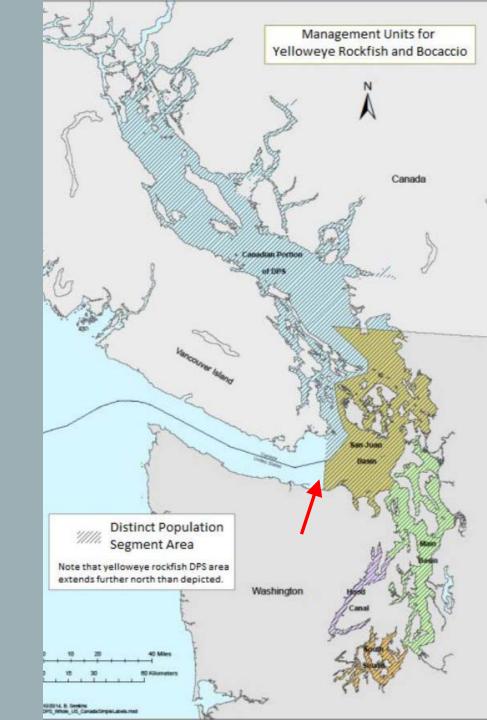


Prepared by Office of Protected Resources West Coast Regional Office National Marine Fisheries Service National Oceanic and Atmospheric Administration



CRITICAL QUESTION: IS THE SALISH SEA EXPERIENCING MAJOR BULL KELP LOSSES?





WHAT'S THE PROBLEM?

to: Brittany Jones

What's the plan?

YEARI: UNDERSTAND THE SCIENCE





YEAR I – WORKSHOP I

YEAR I – WORKSHOP 2

Data Gaps

Kelp trends

Role of kelp as a habitat

Role of kelp as a primary producer

Economic and socioeconomic impacts

Stressors

Kelp microscopic life history

Kelp genetics

Kelp restoration

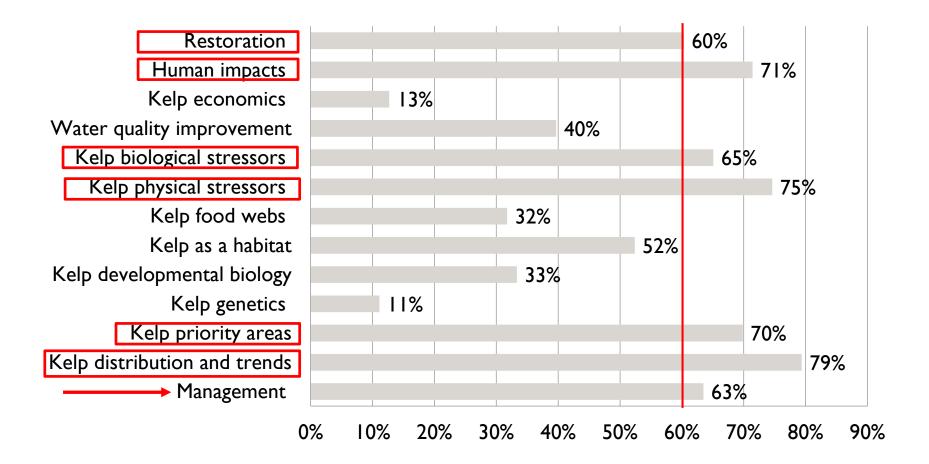
And more

What's the plan?

YEARI: UNDERSTAND THE SCIENCE

YEAR 2: OUTLINE ACTIONS





YEAR 2 – WORKSHOP 3 PRIORITIZED DATA GAPS SURVEY RESULTS

Value of addressing each data gap for kelp conservation and recovery strategies





THANKS TO THE CORE TEAM

Max Calloway, Puget Sound Restoration Fund – Lead author Tom Mumford, Marine Agronomics – Contributing author Helen Berry, DNR Dan Tonnes, NOAA Steve Copps, NOAA James Selleck, NOAA/NRC Brian Allen, Puget Sound Restoration Fund Betsy Peabody, Puget Sound Restoration Fund Jodie Toft, Puget Sound Restoration Fund

