

# Protecting Unfished Forage Species under the U.S. West Coast Fishery Ecosystem Plan

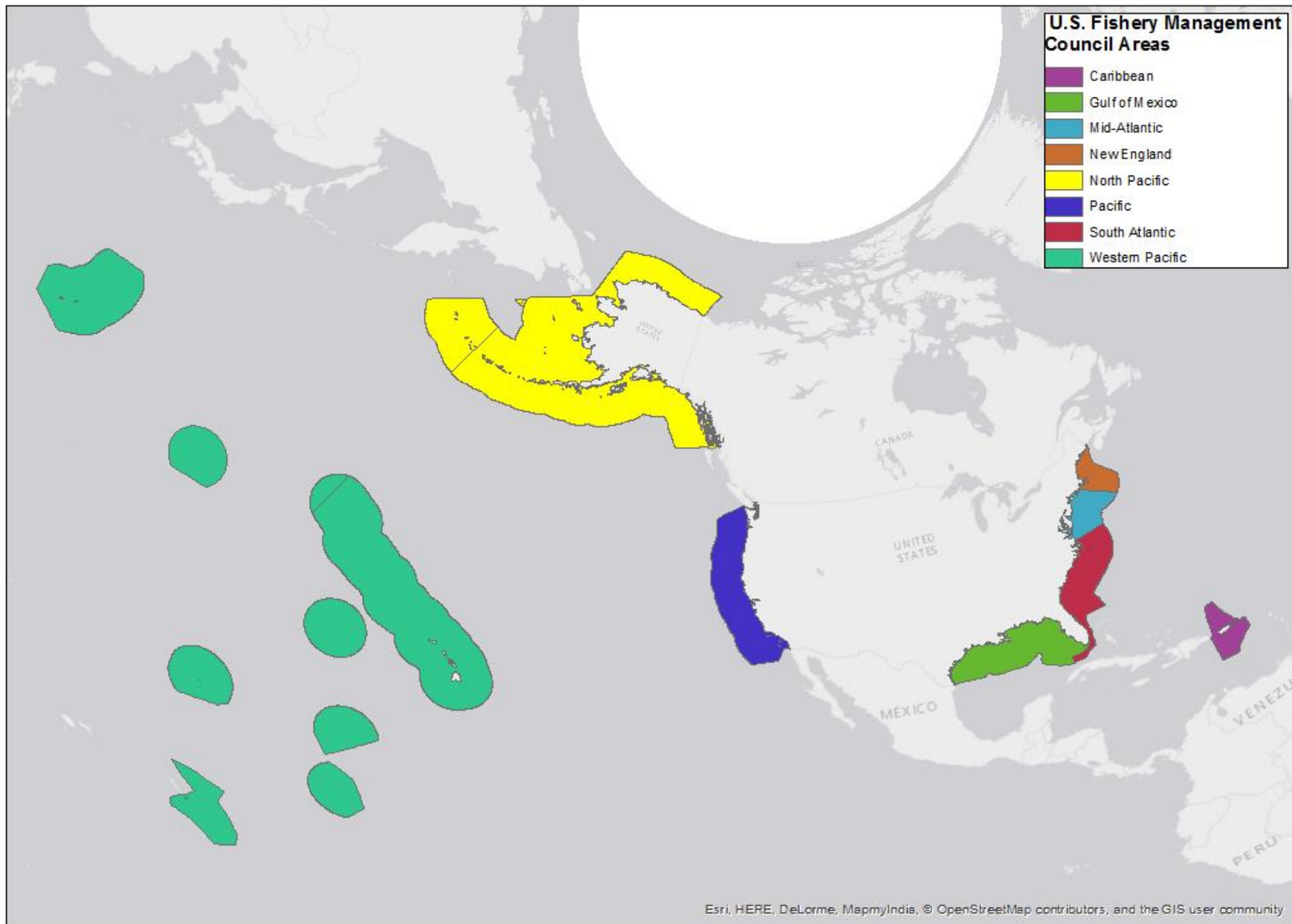
Yvonne deReynier

National Marine Fisheries Service

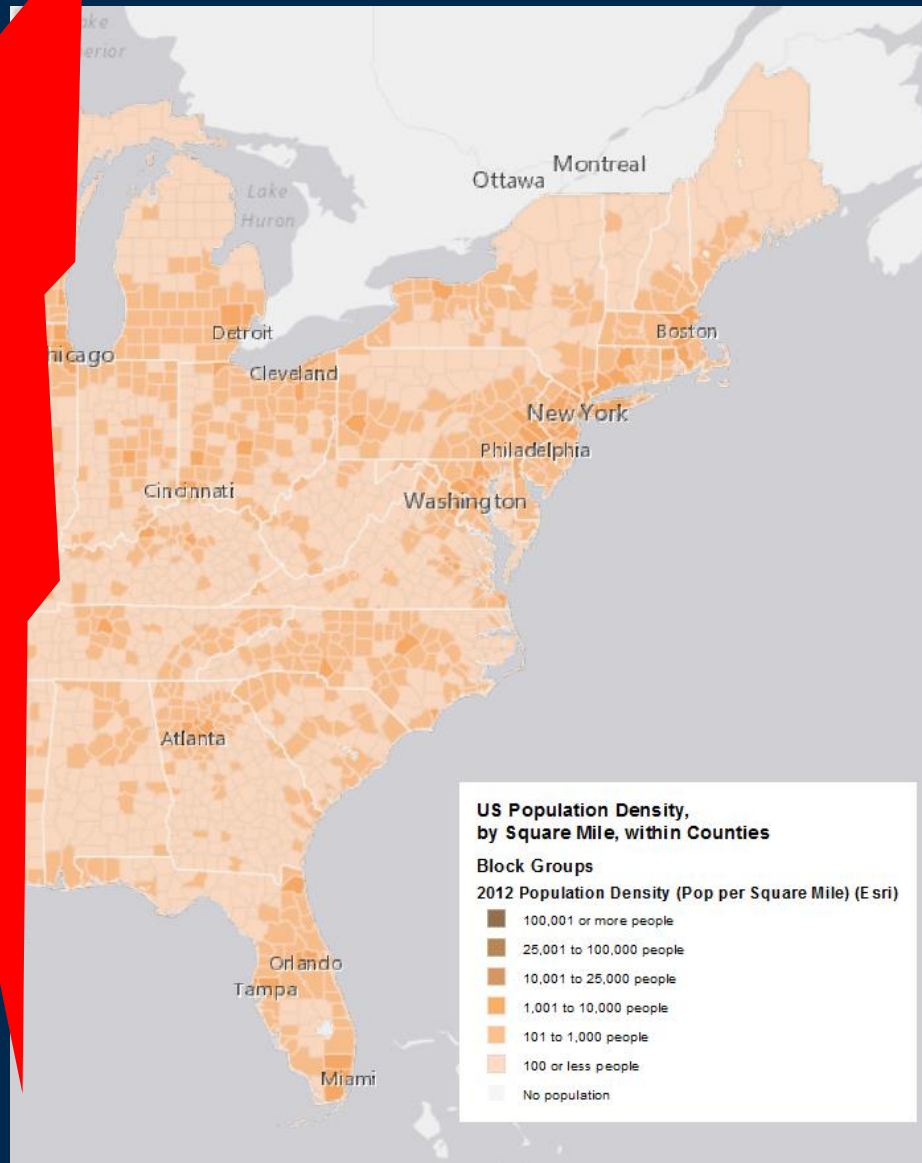
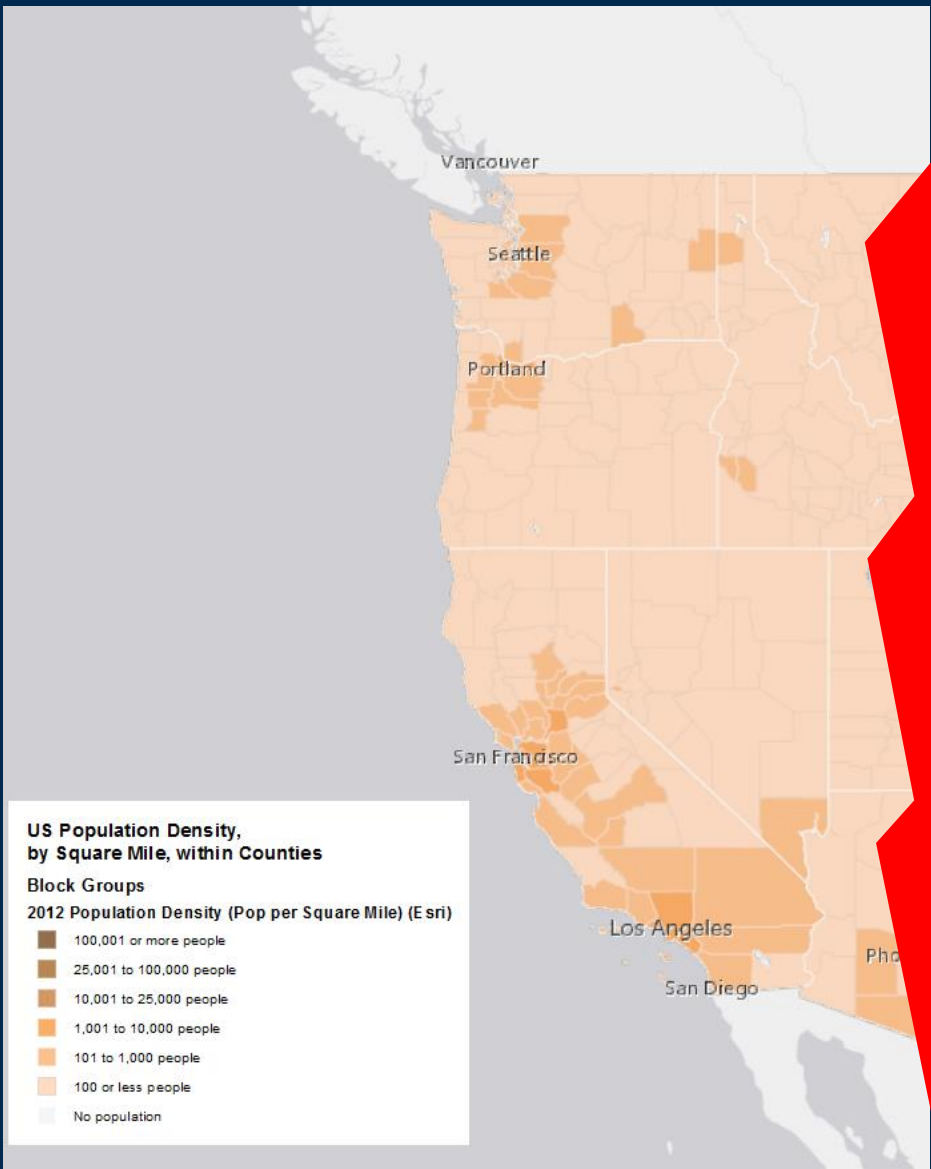
West Coast Region

November 2014

Scientific and Technical Advisory Committee Workshop, Chesapeake Bay



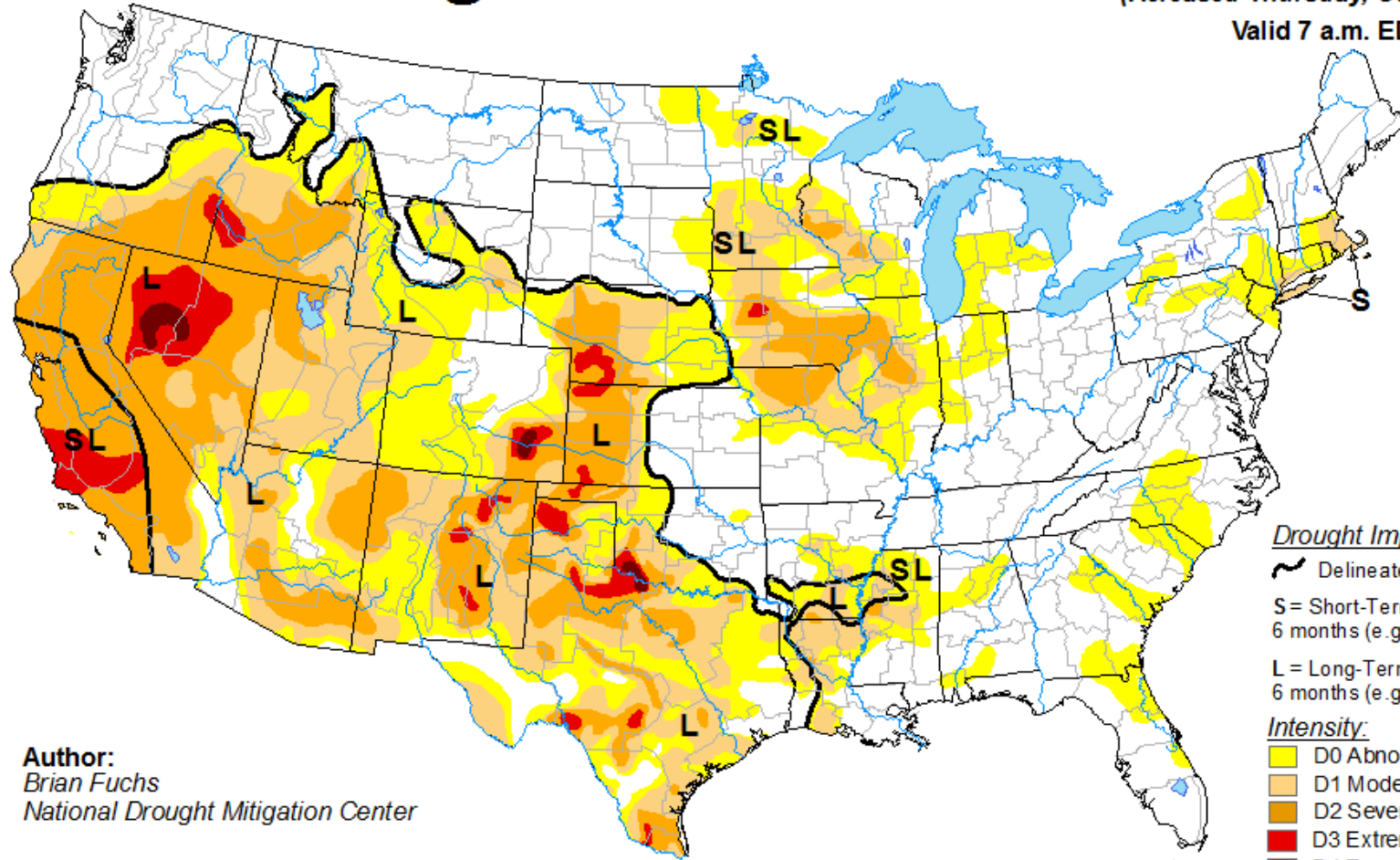






# U.S. Drought Monitor

October 29, 2013  
(Released Thursday, Oct. 31, 2013)  
Valid 7 a.m. EDT



Author:  
Brian Fuchs  
National Drought Mitigation Center

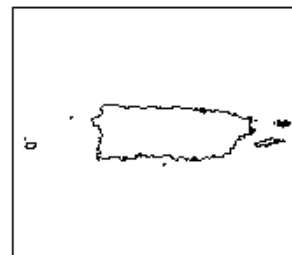
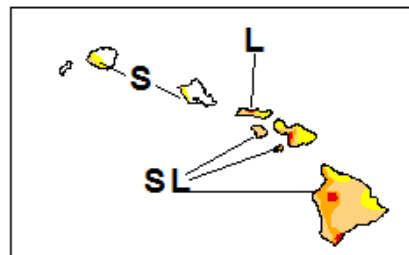
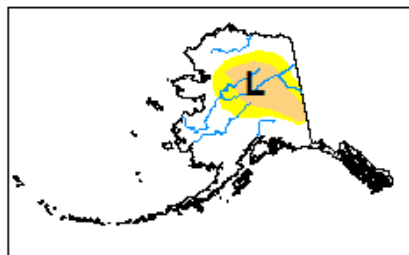
### Drought Impact Types:

- Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

### Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.



<http://droughtmonitor.unl.edu/>

**February 2010**

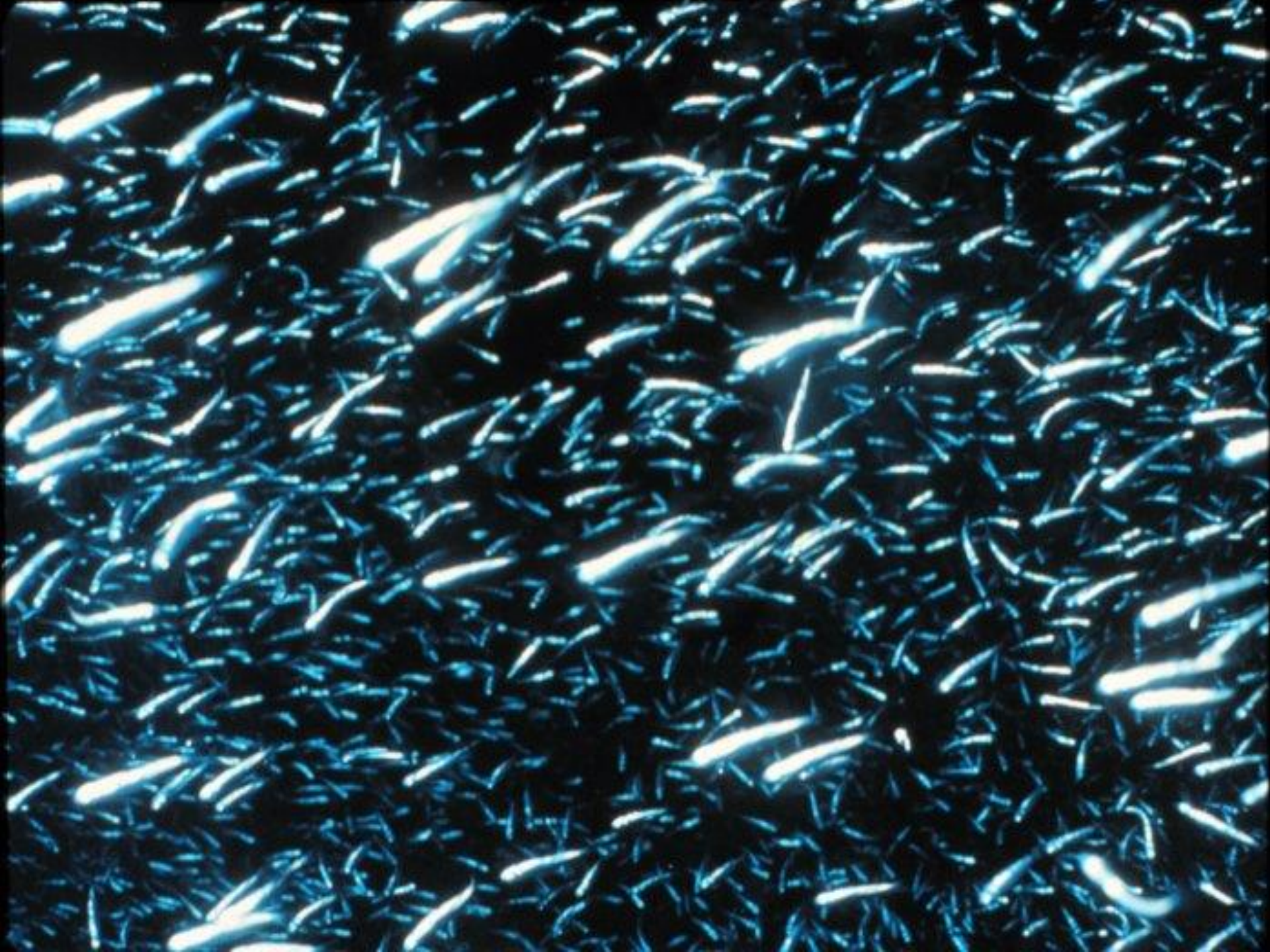
**PACIFIC COAST  
FISHERY ECOSYSTEM PLAN**

**FOR THE U.S. PORTION OF THE  
CALIFORNIA CURRENT LARGEMARINE ECOSYSTEM**

**... lots of talking  
and writing...**

**April 2013**

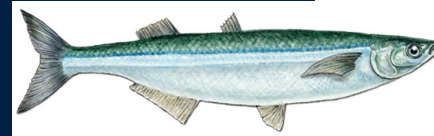
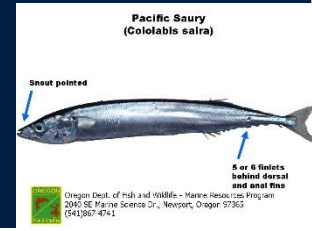
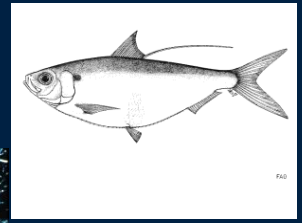
PACIFIC FISHERY MANAGEMENT COUNCIL  
7700 NE AMBASSADOR PLACE, SUITE 101  
DRYDEN, OR 97220  
(503) 820-2280  
(503) 806-7200  
WWW.COUNCIL.MANAGEMENT.COUNCIL.ORG  
JULY 2013

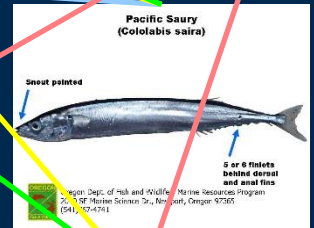
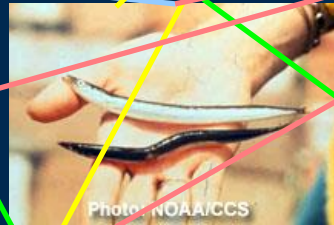
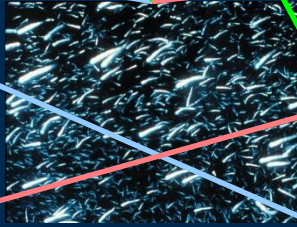
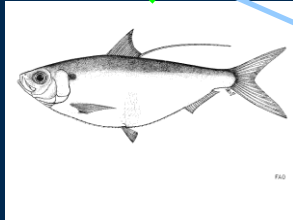


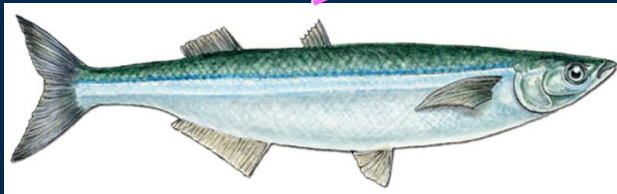
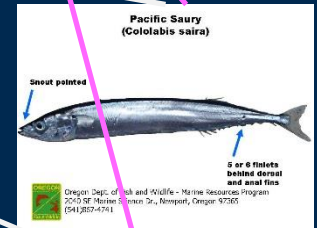
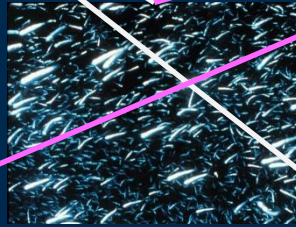
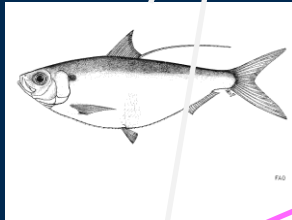
The purpose of this action is to **prohibit new directed commercial fishing in Federal waters on unmanaged, unfished forage fish species** until the Council has had an adequate opportunity to both assess the scientific information relating to any proposed directed fishery and consider potential impacts to existing fisheries, fishing communities, and the greater marine ecosystem. . . .

. . . This action is needed to proactively protect unmanaged, unfished forage fish of the U.S. West Coast EEZ in recognition of the importance of these forage fish to the species managed under the Council's FMPs and to the larger CCE. This action is not intended to supersede tribal or state fishery management for these species, and coordination would still occur through the existing Council process.

round and thread herring,  
mesopelagic fishes,  
Pacific sandlance,  
Pacific saury,  
Silversides,  
Osmerid smelts, and  
Pelagic squids  
(with the exception of  
Humboldt squid)







# September 2013

## Comprehensive Ecosystem-Based Amendment 3



AMENDMENT 3 TO THE FISHERY MANAGEMENT PLAN FOR THE SNAPPER GROUP FISHERY OF THE SOUTH ATLANTIC REGION  
AMENDMENT 3 TO THE FISHERY MANAGEMENT PLAN FOR THE DOLPHIN AND WAHOO FISHERY OF THE ATLANTIC  
AMENDMENT 25 TO THE FISHERY MANAGEMENT PLAN FOR COASTAL MIGRATORY PELAGIC RESOURCES IN THE GULF OF MEXICO AND ATLANTIC REGION  
AMENDMENT 7 TO THE FISHERY MANAGEMENT PLAN FOR THE GOLDEN CRAB FISHERY OF THE SOUTH ATLANTIC REGION

Agenda Item H.1.a  
Attachment  
September 2014

## COMPREHENSIVE ECOSYSTEM-BASED AMENDMENT 1: PROTECTING UNFISHED AND UNMANAGED FORAGE FISH SPECIES

OF THE U.S. PORTION OF THE  
COMPREHENSIVE ECOSYSTEM-BASED

AMENDMENT 15 TO THE COASTAL PELAGIC SPECIES FISHERY MANAGEMENT PLAN  
AMENDMENT 25 TO THE GROUND FISH FISHERY MANAGEMENT PLAN  
AMENDMENT 3 TO THE HIGHLY MIGRATORY SPECIES FISHERY MANAGEMENT PLAN  
AND AMENDMENT 19 TO THE SALMON FISHERY MANAGEMENT PLAN

# lots of talking and writing...



Environmental Impact Statement    Regulatory Flexibility Act Analysis    Regulatory Impact Review  
Fishery Impact Statement

February 14

PACIFIC COAST MANAGEMENT COUNCIL  
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PORTLAND, OREGON 97220  
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(866) 806-7204  
WWW.PCCOUNCIL.ORG  
AUGUST 2014

# March 2015



# MSA review

## (a) REVIEW OF PLANS.—

(1) Upon transmittal by the Council to the Secretary of a fishery management plan or plan amendment, the Secretary shall—

(A) immediately commence a review of the plan or amendment to determine whether it is consistent with the national standards, the other provisions of this Act, and any other applicable law; and

(B) immediately publish in the Federal Register a notice stating that the plan or amendment is available and that written information, views, or comments of interested persons on the plan or amendment may be submitted to the Secretary during the 60-day period beginning on the date the notice is published.

(2) In undertaking the review required under paragraph (1), the Secretary shall—

(A) take into account the information, views, and comments received from interested persons;

(B) consult with the Secretary of State with respect to foreign fishing;

(C) consult with the Secretary of the department in which the Coast Guard is operating with respect to enforcement at sea and to fishery access adjustments referred to in section 302(b)(6).

(3) The Secretary shall approve, disapprove, or partially approve a plan or amendment within 30 days of the end of the comment period under paragraph (1) by written notice to the Council. A notice of disapproval or partial approval shall specify—

(A) the applicable law with which the plan or amendment is inconsistent;

(B) the nature of such inconsistencies; and

(C) recommendations concerning the actions that could be taken by the Council to

correct such plan or amendment. If the Secretary does not notify a Council within 30 days of the end of the comment period of the approval, disapproval, or partial approval of a plan or amendment, then such plan or amendment shall take effect as if approved.

# April 2015

# And beyond

**Unless indicated on image, all images are courtesy of the National Oceanic and Atmospheric Administration, except:**

Slide 3: Kelp and sardines, California Department of Fish and Wildlife

Slide 4: Grayscale background map, ESRI, DeLorme, NAVTEQ; overlain U.S. population density data, U.S. Census Bureau

Slide 6: Carpenteria (CA) marsh under USGS testing for pyrethroid insecticides, U.S. Geological Survey; Grand Coulee Dam, U.S. Bureau of Reclamation

Slides 7, 14 & 15: FEP cover image, Blue Marble: Next Generation, Reto Stöckli, NASA Earth Observatory repeated on Slide 17)

Slide 8: Senators Theodore Stevens (AK) and Warren Magnuson (WA), with permission from Anchorage Daily News; Chad Leiferman, Bob Hannah, and Jeff Boardman with experimental bycatch reduction device aboard F/V Miss Yvonne, ODFW. Anglers and Humboldt squid catch, HuliCat Sportfishing, John Field, NOAA. Survival suit training, U.S. Coast Guard. Westport, WA commercial crab fleet, Washington Department of Fish and Wildlife.

Slides 11-13: Pacific saury, Oregon Department of Fish and Wildlife; thread herring, United Nations Food and Agriculture Organization.

August 2014 draft of PFMC's CEBA 1 available online:

[http://www.pcouncil.org/wp-content/uploads/H1a\\_Att1\\_EWG\\_Initiative\\_One\\_SEPT2014BB.pdf](http://www.pcouncil.org/wp-content/uploads/H1a_Att1_EWG_Initiative_One_SEPT2014BB.pdf)