

# Put Your Money Where Your Map Is

## Token Based Spatial Prioritization

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Protection



# Spatial Prioritization Process

Design the process

Compile a data inventory

Conduct the prioritization survey

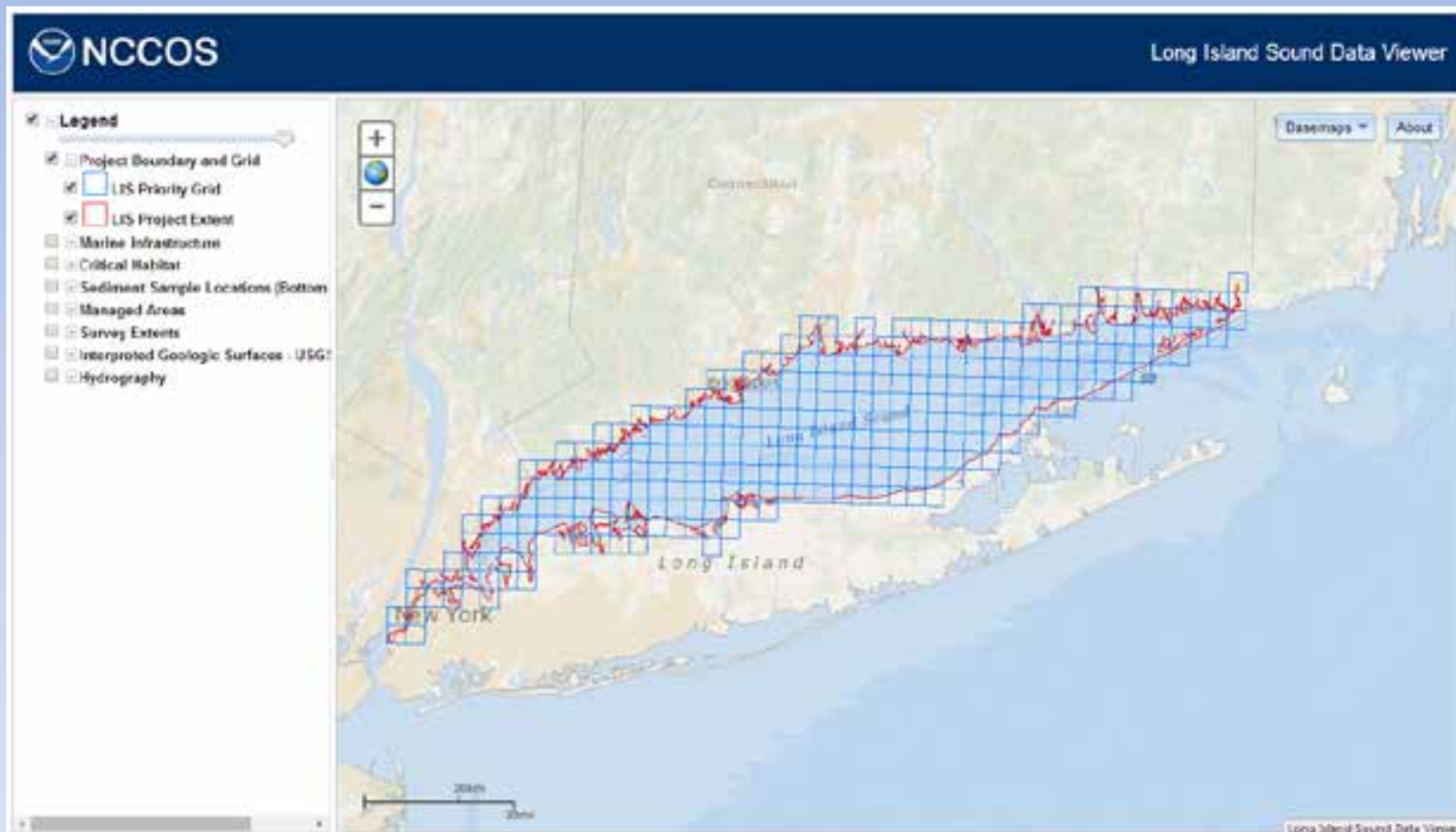
Analyze the survey data

Refine the data

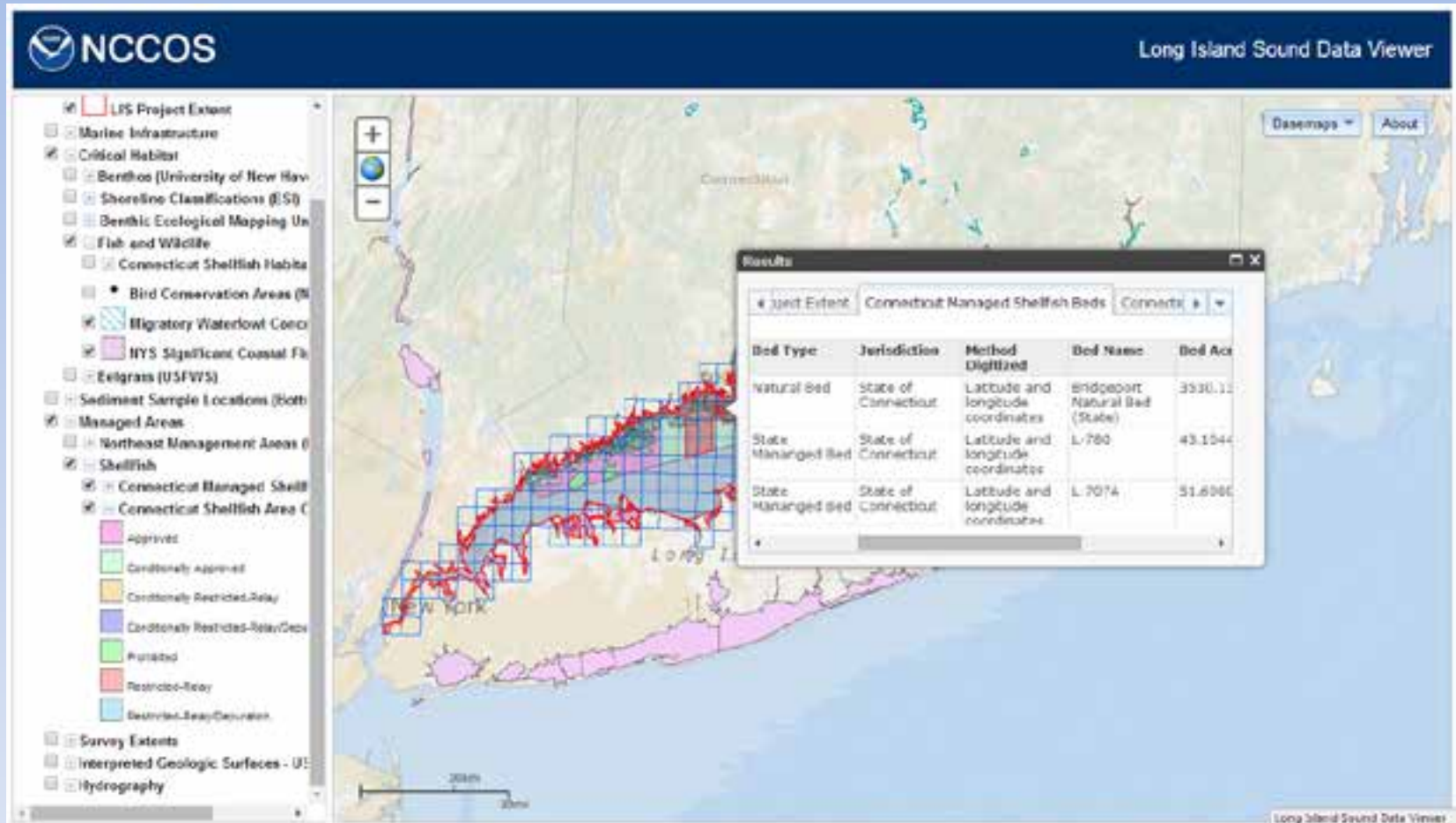
Implementation

# Long Island Sound

## Process design



# Long Island Sound Data Inventory



# Long Island Sound Prioritization Survey

## LIS Spatial Prioritization Form

Organization	NOAA	State	MD
Contact Name	Jimmy Cricket	Zip Code	20910
Address	1305 East West Hwy	Phone Number	(301) 713-3028
City	Silver Spring	Email	jimmy.cricket@noaa.gov

Add Item

	Grid Code	Priority	Ranking Criteria 1	Ranking Criteria 2	Ranking Criteria 3	Management Issue
X	A15	High (1-2yr)	Significant Natural Areas	High Use Areas	Knowledge Gap	CMSP
X	C10	Medium (2-5yr)	Managed Areas			Impact Assessment
X	D9	Low (5-10yr)	Knowledge Gap	Multiple Use Conflict		Resource Management

Clear Comments

Comments

This is an example of a stakeholder submission for Spatial Prioritization in Long Island Sound.

# Long Island Sound

## Analyze the data



# Long Island Sound

## Analyze the data

Chi-Squared (Observed)	High	Medium	Low	Total
Regulatory	167	96	110	373
CMSP	318	0	0	318
Resource Management	48	167	37	252
Monitoring/Research Design	99	89	0	188
Impact Assessment	94	14	6	114
Evaluate Management Success	6	0	0	6
<b>Total:</b>	726	366	153	1245
Chi-Squared (Expected)	High	Medium	Low	Total
Regulatory	217.51	109.65	45.84	373.00
CMSP	185.44	93.48	39.08	318.00
Resource Management	146.95	74.08	30.97	252.00
Monitoring/Research Design	109.63	55.27	23.10	188.00
Impact Assessment	66.48	33.51	14.01	114.00
Evaluate Management Success	3.47	1.75	0.73	5.94
<b>Total:</b>	726.00	366.00	153.00	1245
Chi-Squared (Contingency)	High	Medium	Low	Total
Regulatory	11.73	1.70	89.81	103.24
CMSP	94.77	93.48	39.08	227.33
Resource Management	66.63	116.54	1.17	184.35
Monitoring/Research Design	1.03	20.59	23.10	44.72
Impact Assessment	11.40	11.36	4.58	27.34
Evaluate Management Success	1.85	1.75	0.73	4.33
<b>Total:</b>	185.55	243.68	157.75	586.97

# Long Island Sound

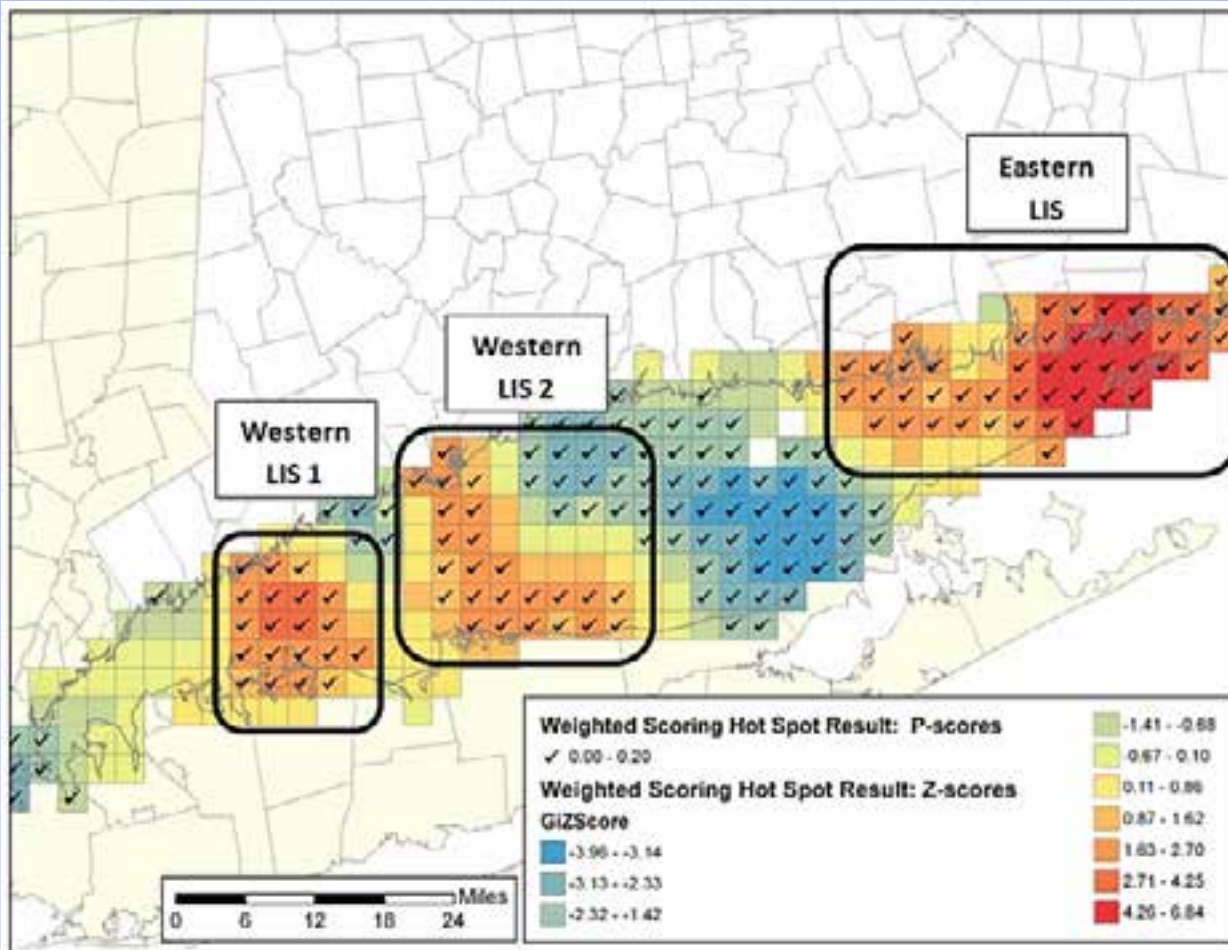
## Analyze the data

Issue	Priority	Criteria 1	Criteria 2	Criteria 3
Regulatory	Low	Potential Infrastructure	-	Existing Infrastructure
CMSP	High	Multiple Use Conflicts	No Criteria provided	Potential Infrastructure
Resource Management	Medium	Significant Natural Areas	High Use Area	Knowledge Gaps
Monitoring / Research Design	-	Knowledge Gaps	No Criteria provided	No Criteria provided
Impact Assessment	-	-	Potential Infrastructure	Significant Natural Areas
Evaluate Management Success	-	-	-	-



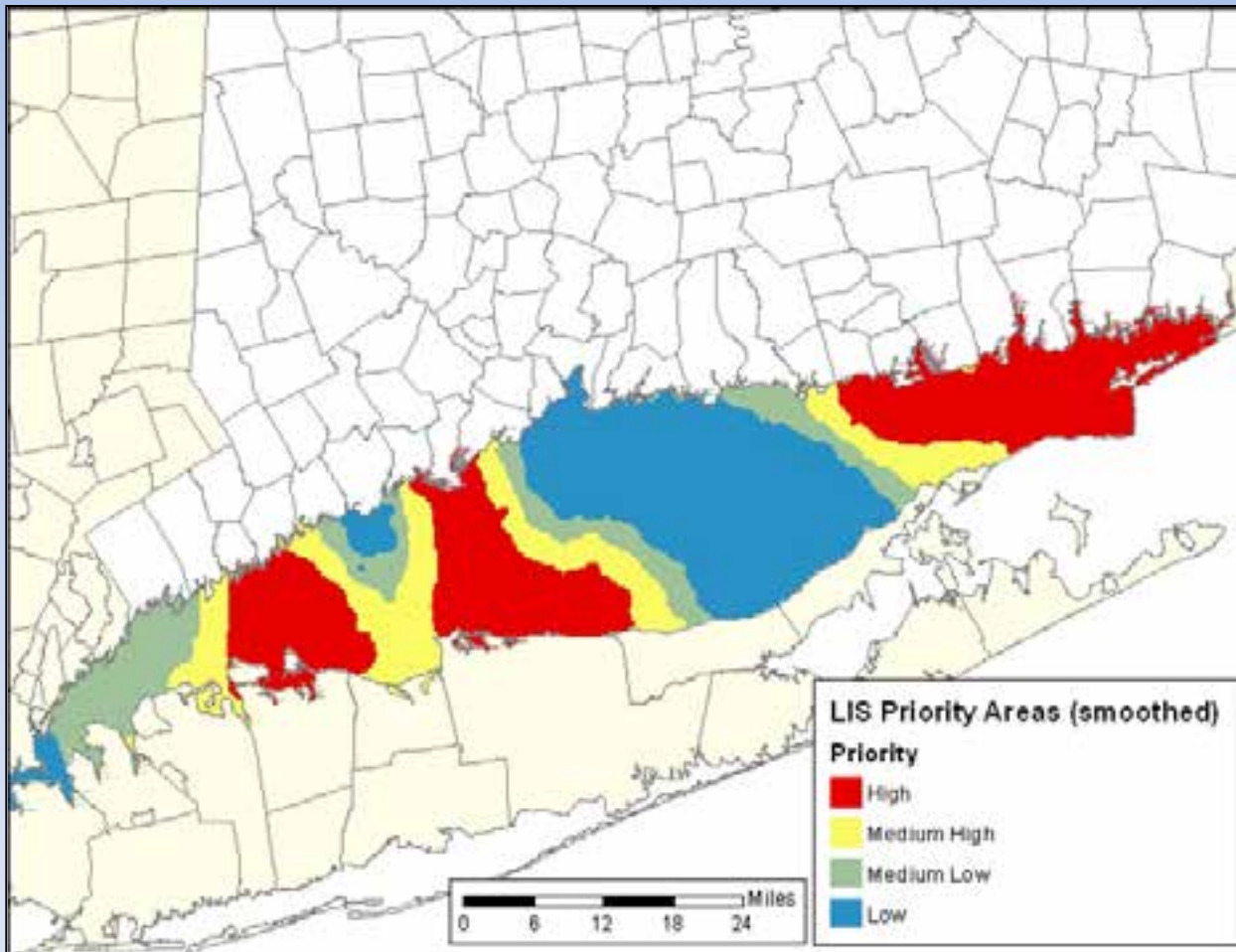
# Long Island Sound

## Analyze the data

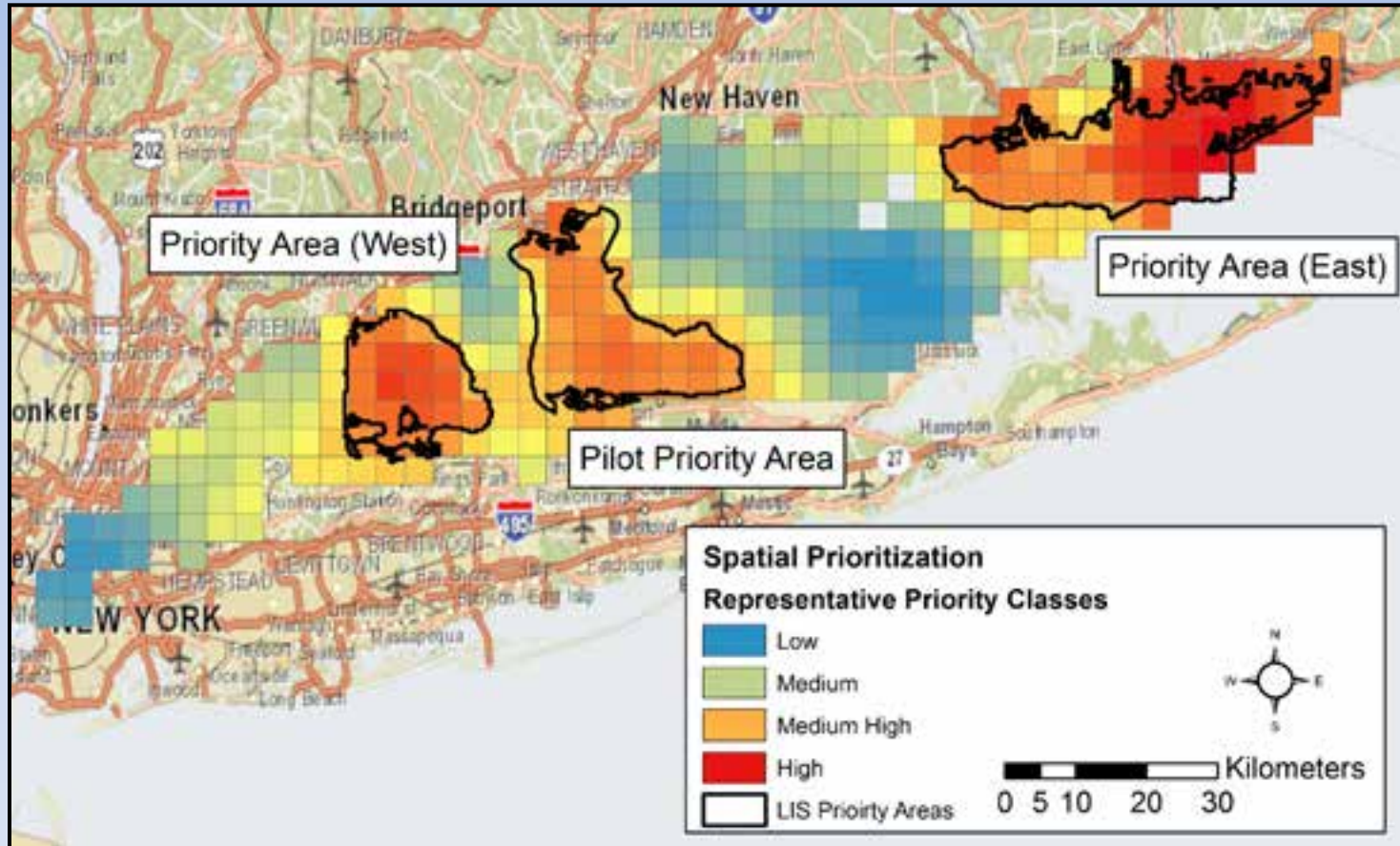


# Long Island Sound

## Refine the Data



# Long Island Sound Implementation

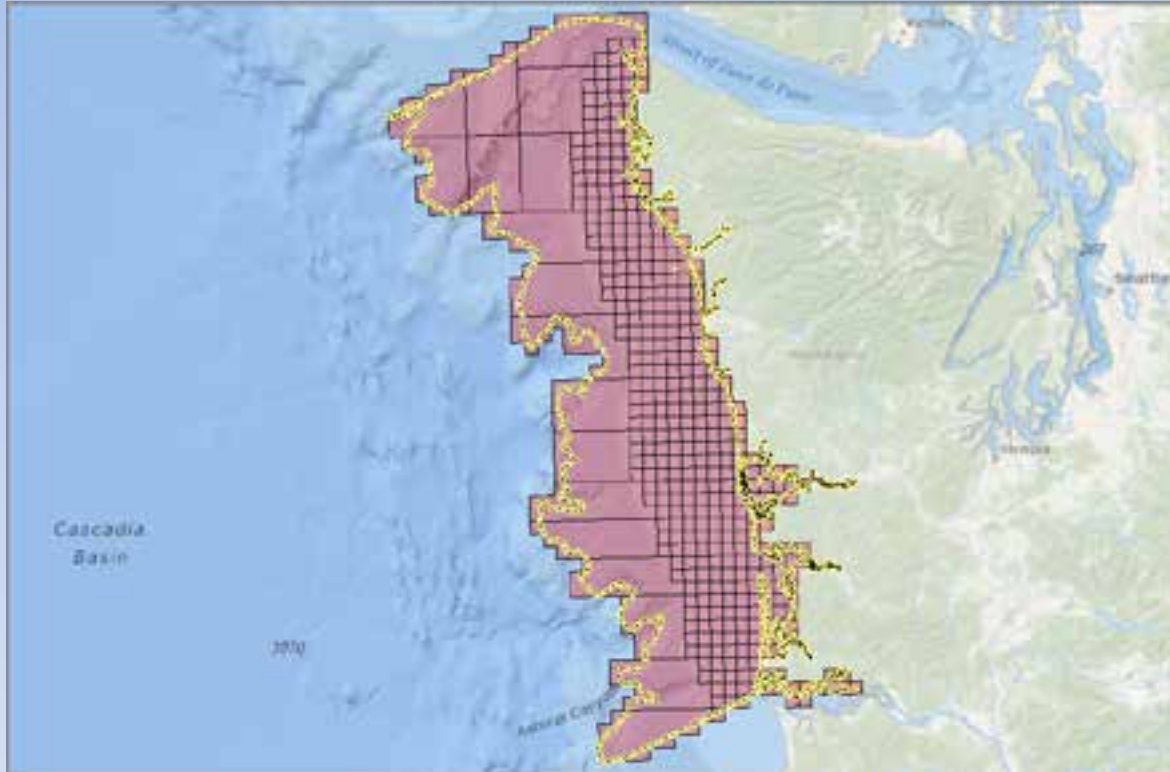


# Washington State MSP



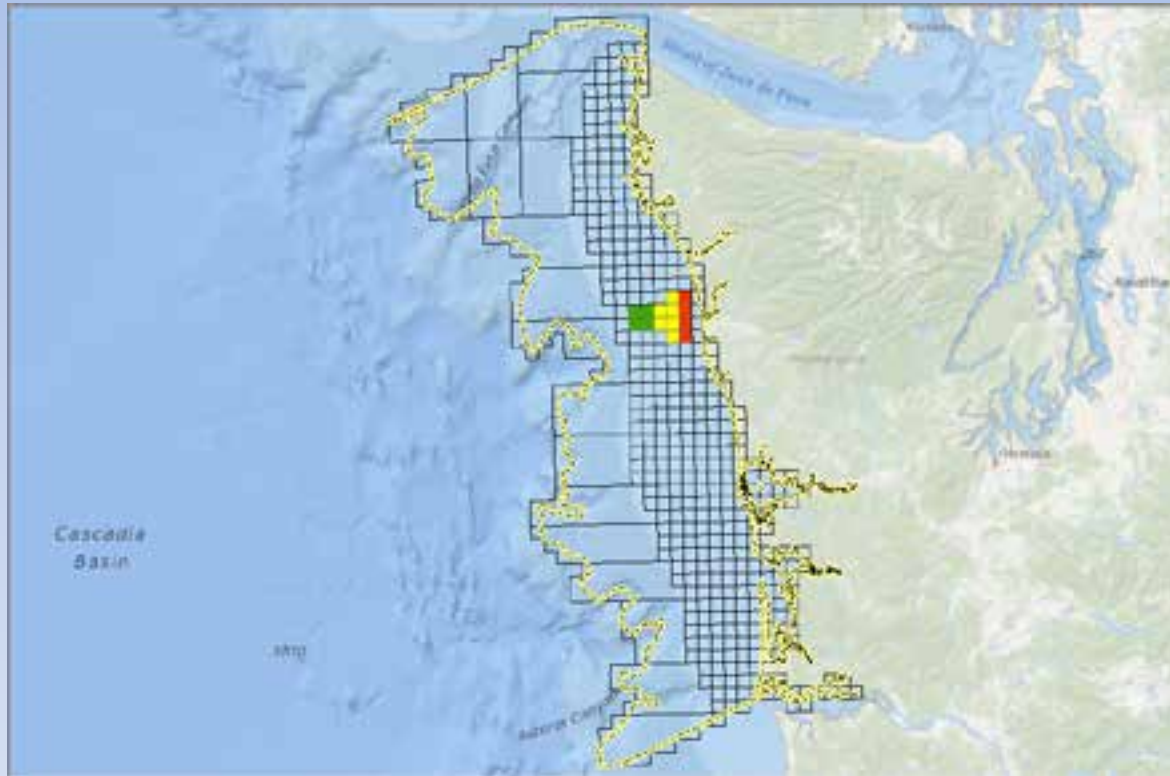
# Washington State MSP

## Process design



# Washington State MSP

## Prioritization using Tokens



50 "tokens" to use...where to put them?

# For more information

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<http://coastalscience.noaa.gov/>

<http://coastalscience.noaa.gov/projects/detail?key=167>

