

## NOAA Fisheries Draft Climate Science Strategy

**NOAA** FISHERIES

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### **Draft Climate Science Objectives**

Objective 1	Identify appropriate, climate-informed reference points.
Objective 2	Identify robust management strategies.
Objective 3	Implement adaptive decision processes that respond to changing climate conditions.
<b>Objective 4</b>	Identify likely future states to plan for.
Objective 5	Identify mechanisms of climate effects to improve projections and responses.
<b>Objective 6</b>	Track trends and provide early warnings of change.
Objective 7	Strengthen the science infrastructure required to fill these needs.



#### **Draft Climate Science Objectives**

1. Climate-Informed Reference Points

2. Robust Management Strategies

**3. Adaptive Management Processes** 

4. Robust Projections of Future Conditions

5. Information on Mechanisms of Change

6. Status, Trends and Early Warnings

7. Science Infrastructure to Produce and Deliver Actionable Information



### Recommendations— Immediate Actions

- Conduct LMR climate vulnerability analyses in each region.
- 2 Maintain and develop Ecosystem Status Reports to track change and provide early-warnings.
- 3 Increase capacity to conduct climate-informed Management Strategy Evaluations



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**1** progress Conduct LMR climate vulnerability analyses in each region.

**2 progress** Maintain and develop Ecosystem Status Reports to track change and provide early-warnings.

3 Increase capacity to conduct climate-informed Management Strategy Evaluations



### **Recommendations**— **Short-term Actions (6-24 months)**

1	Complete region-level action plans.
2	Strengthen climate-related science capacity nation-wide.
3	Increase resources for process-oriented research.
4	Establish climate-ready terms of reference for ESA, MSFCMA, MMPA stock assessments and Biological Opinions, etc.



# **Questions?**

#### www.st.nmfs.noaa.gov/ecosystems/climate



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