### Actionable Science for a Changing Marine Environment Challenges and opportunities for Regional Resilience

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### Mission The Gulf of Maine Research Institute develops and delivers collaborative solutions to global ocean challenges.

#### **GLOBAL OCEAN CHALLENGES**

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### Seafood Sustainability

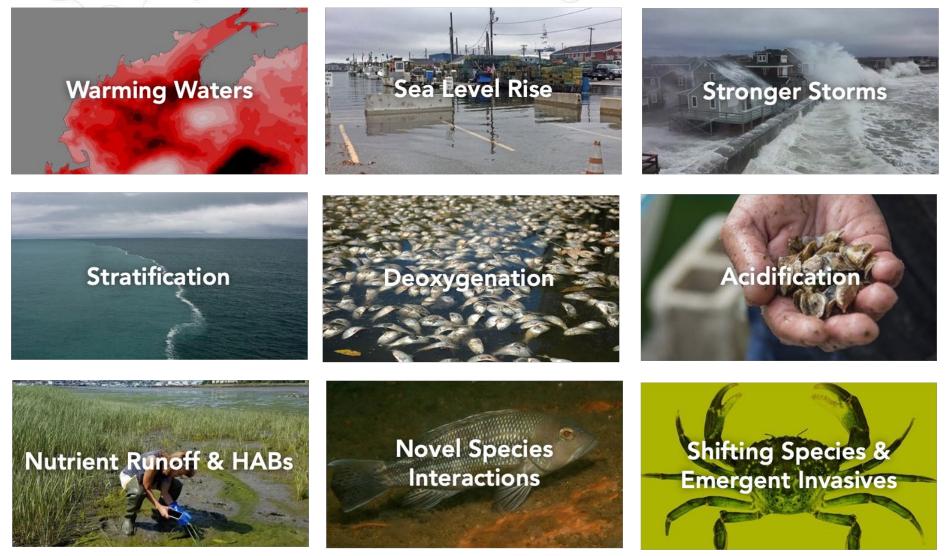
## Healthy Ocean Ecosystems

#### **Climate Change**

Marine Economy

#### **Climate Risks to Regional Economy**





#### What are we focusing on?

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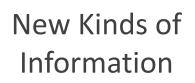


**Mechanisms of Change** RISK **Species Assessments / Projections Ecosystem Forecasts Tipping Points, Extreme Events Early Warnings Social & Societal Impacts Economic Variations** 



#### **Anticipated Impact**









Better Risk (& Opportunity) Characterization

Improved Planning & Decision making



# Thank you!

-Ye

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