

Community & Traditional  
Owner Engagement

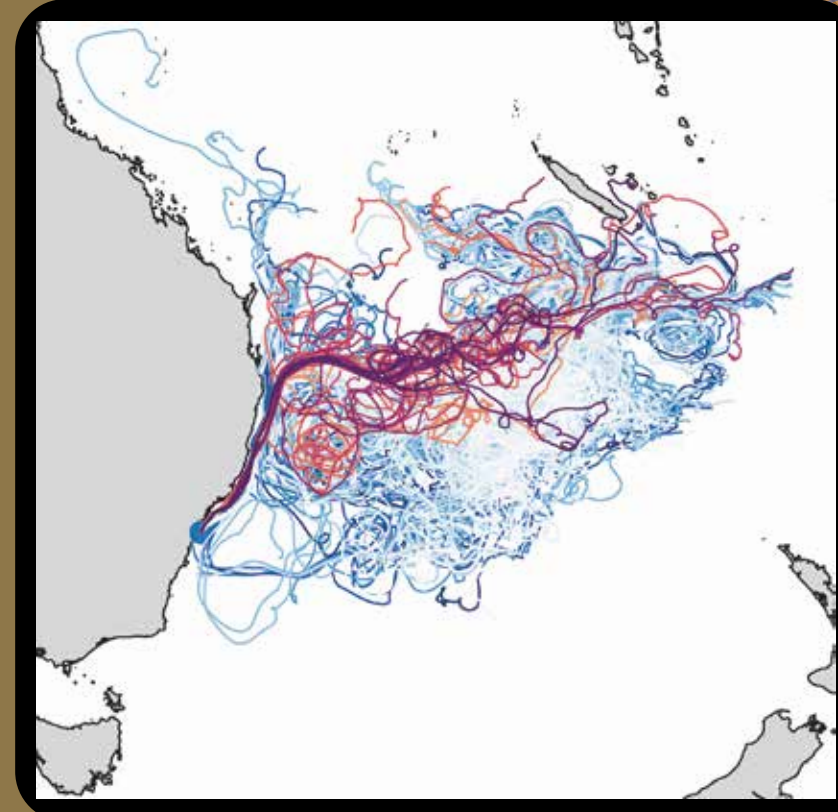


Aquaculture Support

Fisheries Support

Mapping Marine Life  
& Habitats

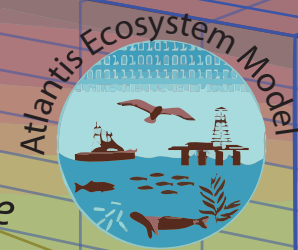
Measuring  
Ocean  
Conditions



Species/Larval  
Connectivity modelling

Improving Biogeochemical  
& Ecological Models

Higher trophic levels  
Zooplankton  
Photoplankton  
Nutrients  
CO<sub>2</sub>  
Temperature  
Salinity  
Currents  
Sediment dynamics  
Oxygen



Protecting  
Biodiversity



Carbon  
Exchange

Ecosystem impacts  
of marine CO<sub>2</sub> removal  
(micro/mesocosms+ models)

Heat fluxes

Continental Shelf

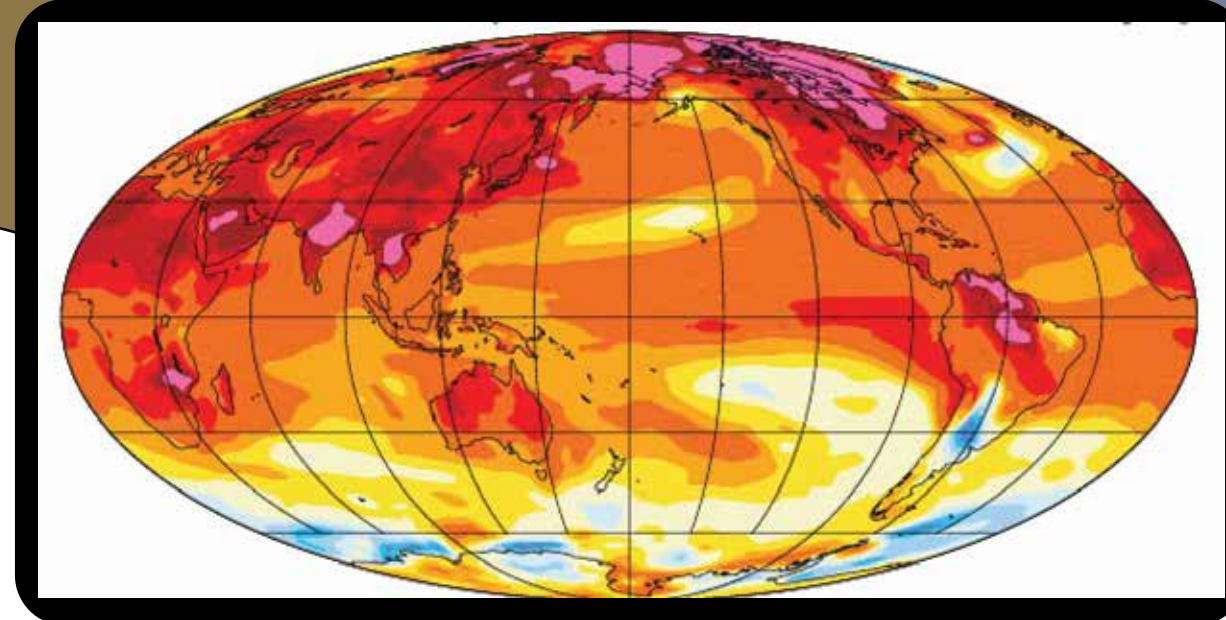
Larval  
Connectivity

Primary  
Productivity

Nutrient  
fluxes

Understanding/modelling  
shifting species distributions

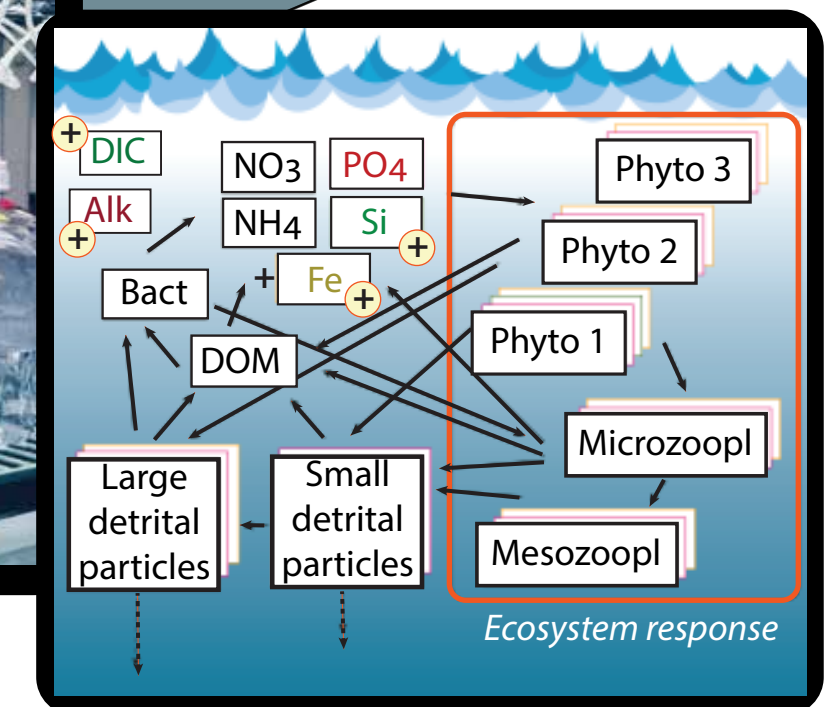
Upwelling  
zones



Real-Time Forecasts & Climate Projections for  
adaptive management & preemptive planning



mCDR Lab Experiments



mCDR Numerical Simulations