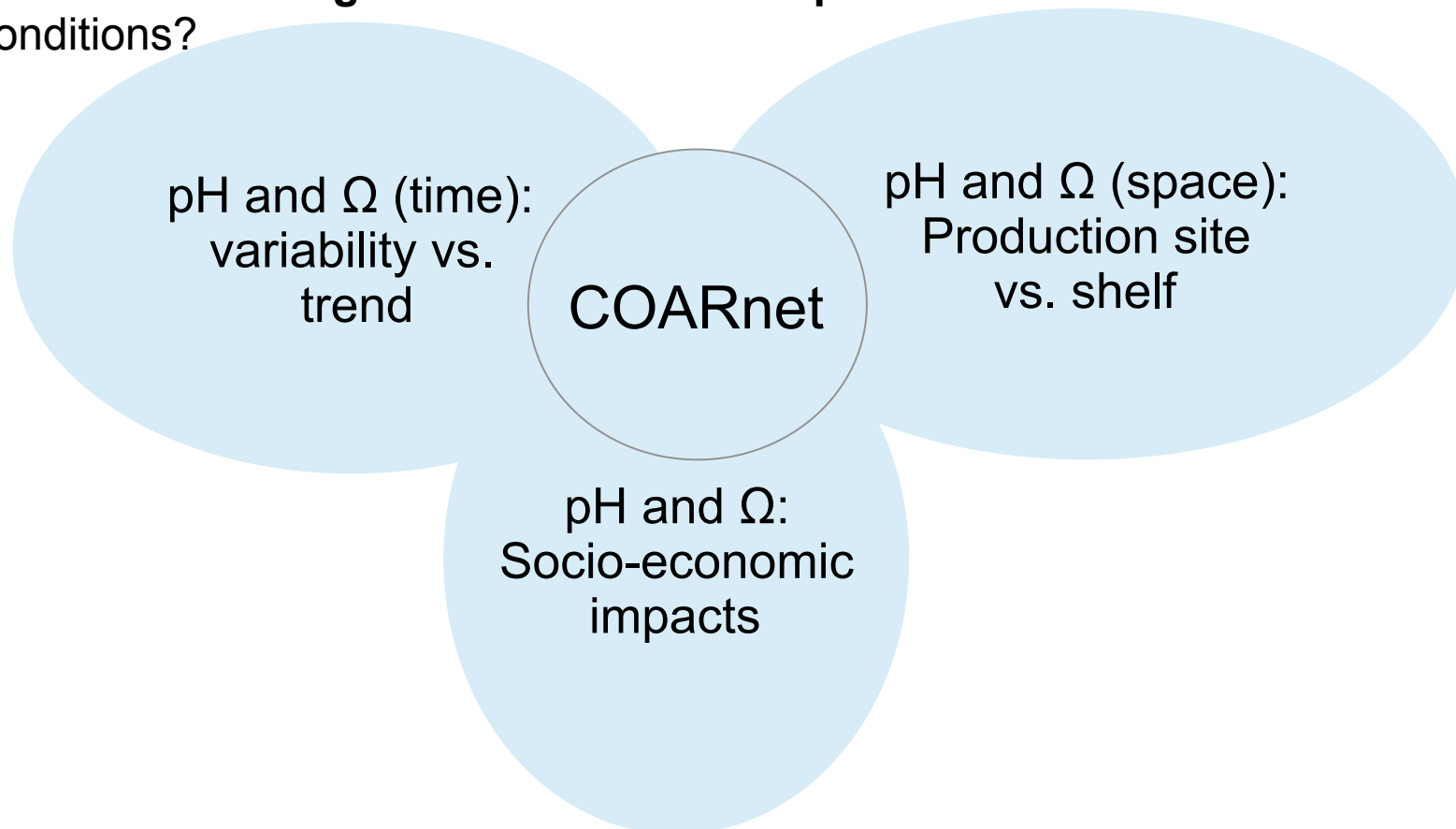


# Canadian Ocean Acidification Research Network (COARnet)

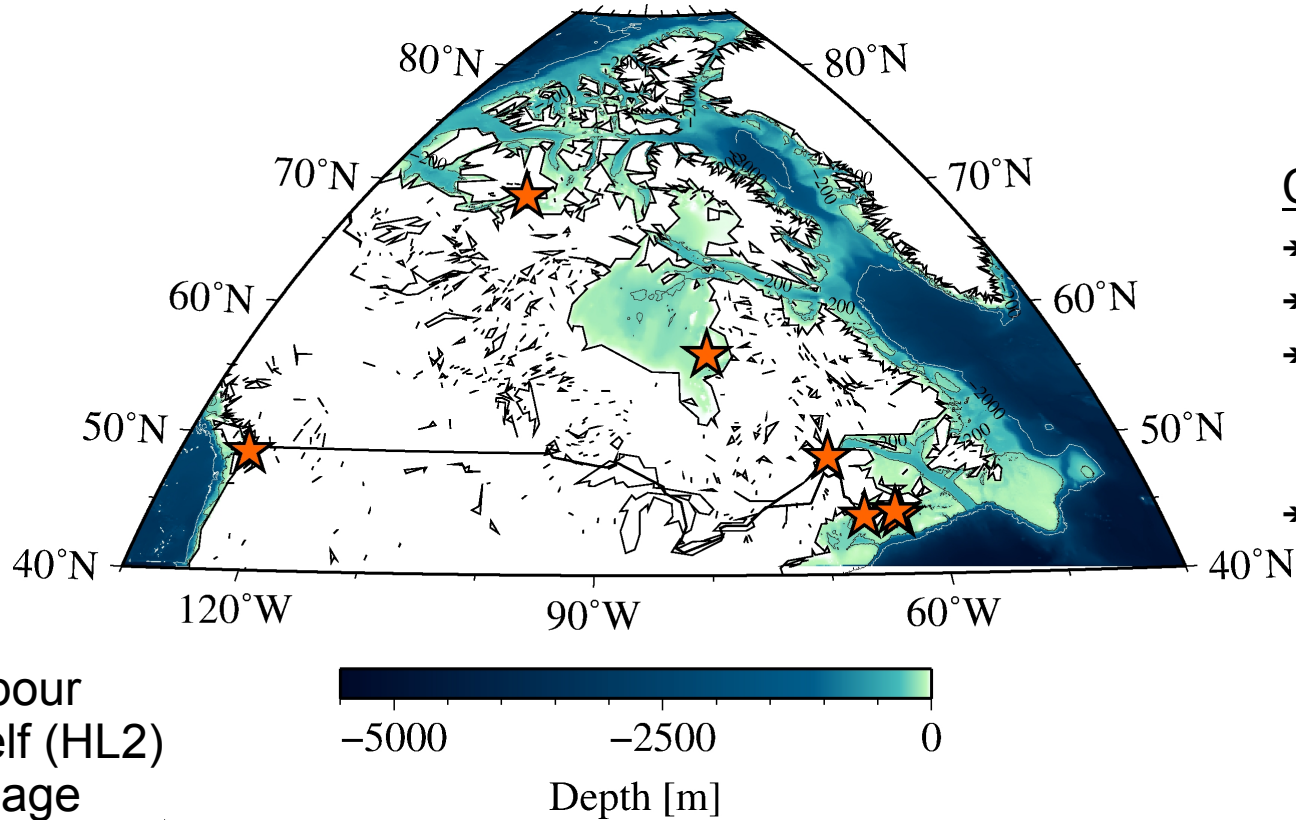
## 3 Objectives derived from stakeholder consultations

- 1: What is the **natural variability of pH** and its controlling factors, and does this variability mask or amplify **the long-term secular trend of rising acidity**?
- 2: How **representative are** the observations and **findings** obtained to date by **monitoring agencies** for actual shellfish production and harvesting sites across Canada?
- 3: What are the **biological and economic implications** of current and future OA conditions?



# COARnet observation sites

(fixed stations, complemented by production sites)

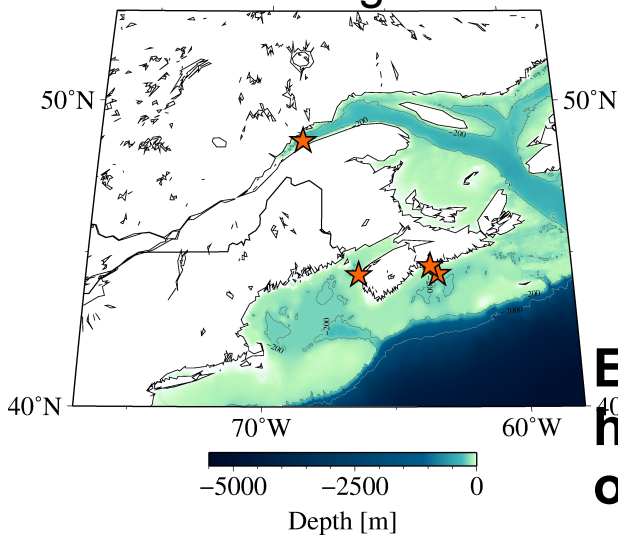


## COARnet sites:

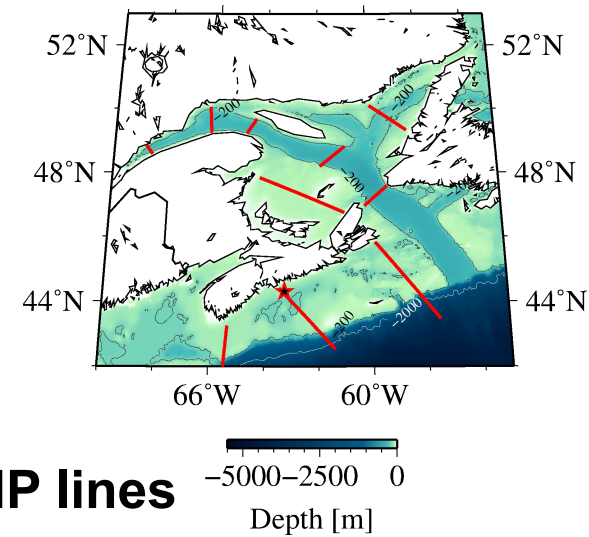
- Atlantic
- Gulf of St Lawrence
- Arctic:
  - Hudson Bay
  - Cambridge Bay
- Pacific coast

## Atlantic sites:

- Mont Joli
- Halifax Harbour
- Scotian Shelf (HL2)
- Grand Passage



**East coast  
high-frequency  
observations**



**AZMP lines**