# Argyle's

## Business Park on the Sea



# We received funding from our Province for Research and Development



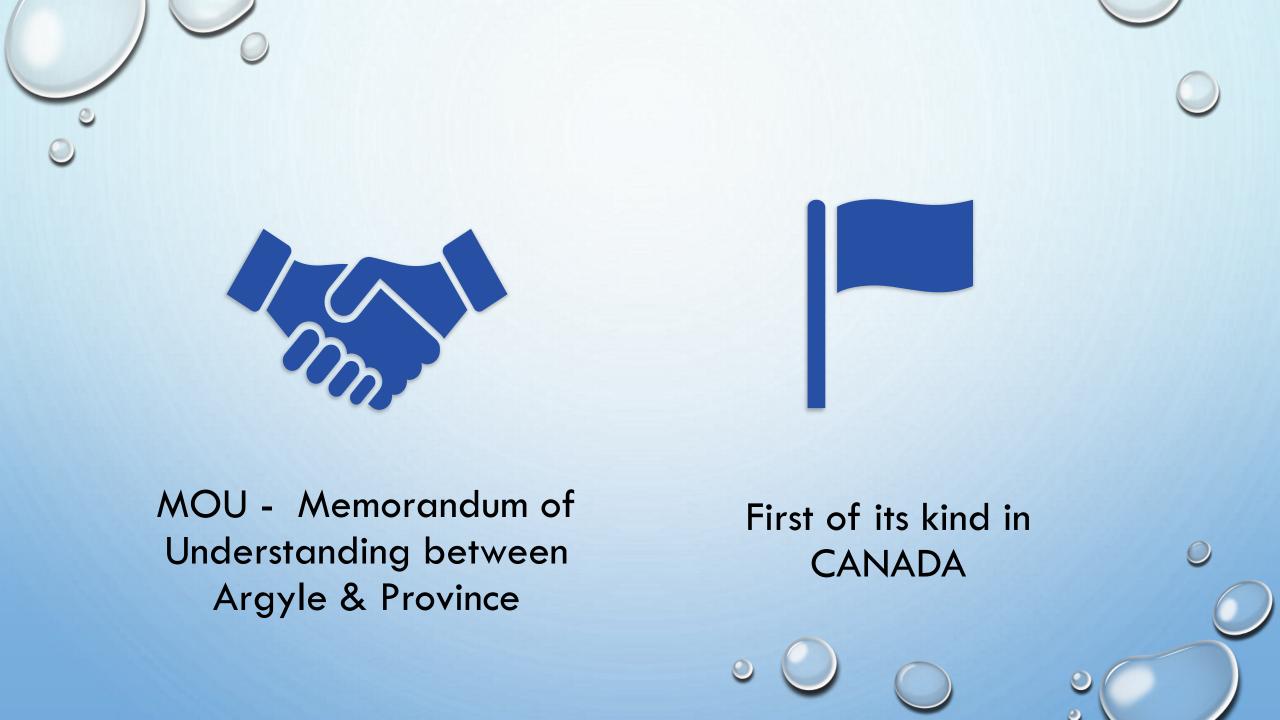












## Aquaculture Development Area

What is an ADA?

• It is an area of water, that has been identified following a thorough assessment, as an area suitable for aquaculture and will be pre-approved for specific types of aquaculture.

• In our case, for shellfish and marine plants.

## Steering committee

Purpose is to manage the ADA planning process.

- Municipality of the District of Argyle
- NSDFA Nova Scotia Dept of Fisheries and Aquaculture
- CMAR Centre for Marine Applied Research
- Department of Fisheries and Oceans

## Stakeholder Committee

Purpose is to provide support in the engagement, including First Nations and network partners.

Municipality of the District of Argyle

NSDFA – Nova Scotia Dept of Fisheries and Aquaculture

CMAR – Centre for Marine Applied Research

Industry committee members (Lobster and aquaculture
farmers)

Members of the Public

### **Data Committee**

Purpose is to provide support on all things related to data, including data collected through the stakeholder engagements.

Municipality of the District of Argyle
NSDFA – Nova Scotia Dept of Fisheries and Aquaculture
CMAR – Centre for Marine Applied Research
Department of Fisheries and Oceans
Dalhousie University

# The project involves the following 12 provincial and federal departments:

Nova Scotia Environment

Nova Scotia Agriculture

Nova Scotia Municipal Affairs and Housing

Nova Scotia Office of Aboriginal Affairs

Nova Scotia Department of Lands and Forestry

Nova Scotia Transportation Infrastructure & Renewal

Nova Scotia Energy and Mines

Nova Scotia Community Culture and Heritage

Fisheries and Oceans Canada

Canadian Food Inspection Agency

Transport Canada

**Environment & Climate Change Canada** 



#### FACTORS CONSIDERED FOR SITE SELECTION



**NAVIGATION** 



FISHER PEOPLE AND ROCKWEEDERS



SHELTER



PROXIMITY TO HOMES



PROXIMITY TO WHARVES



INDIGENOUS PEOPLE



RECREATIONAL BOATERS



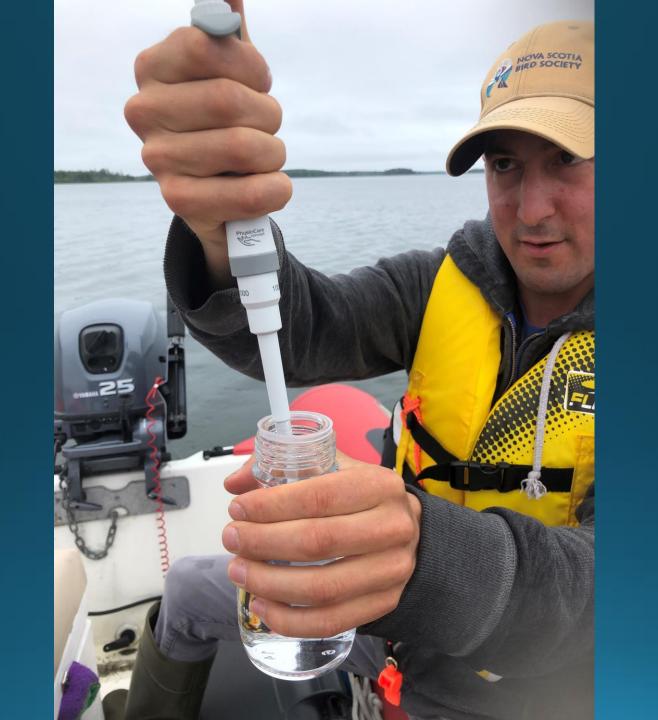
WATER QUALITY

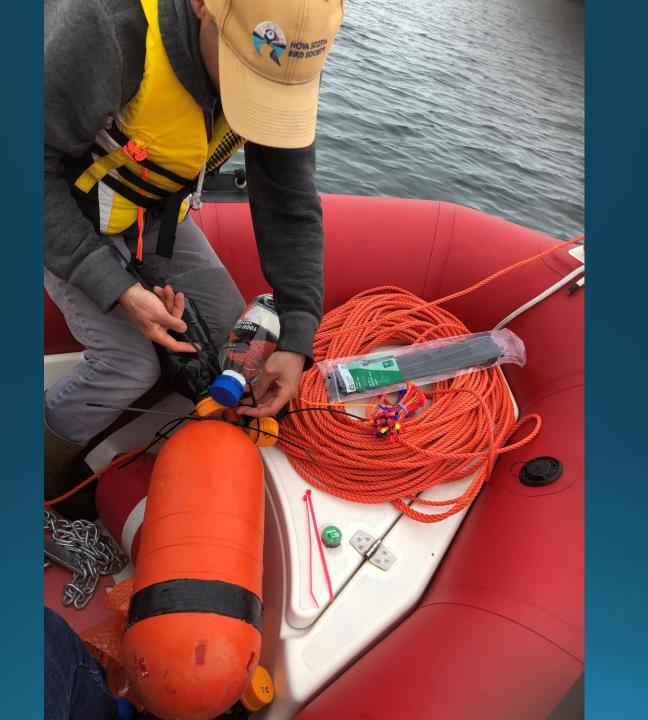
& DATA

## Primary Productivity

with the assistance of professor Ramon Filgueiras of Dalhousie University











#### Primary Productivity

- Camp Cove Wharf
- Indian Sluice
- Argyle River
- Pubnico Harbour





# Example Datasets for our Analysis

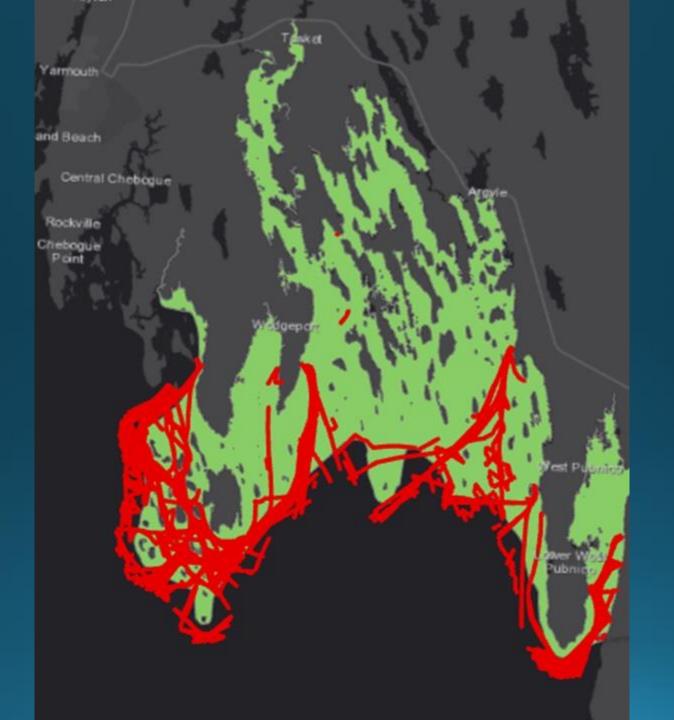
Lobster Buoys



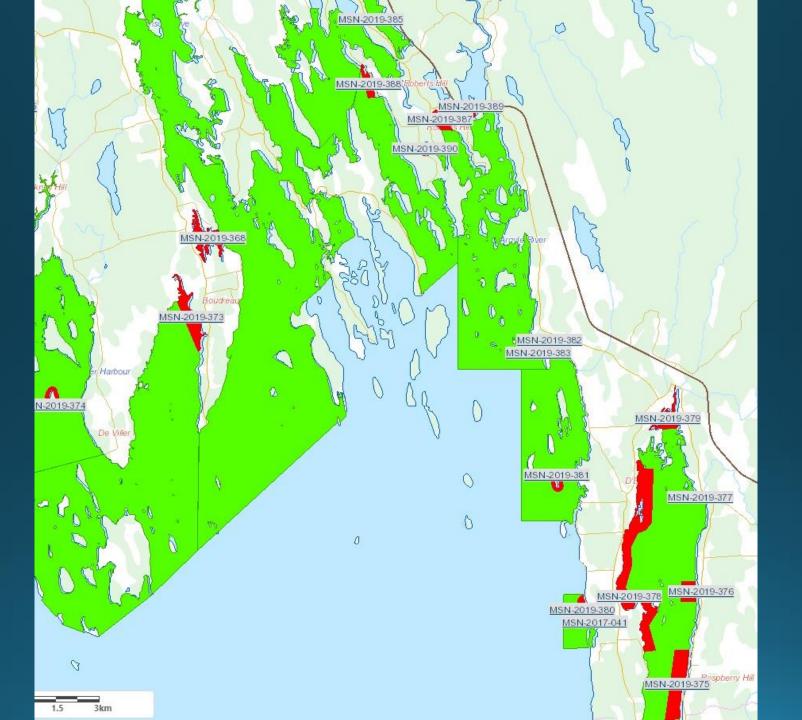
Wind and Wave Atlas



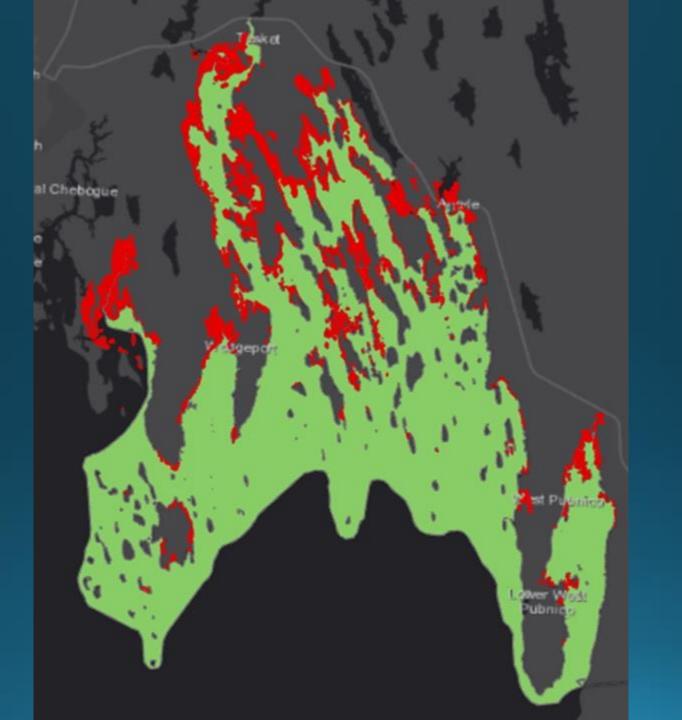
Ship Traffic (AIS)

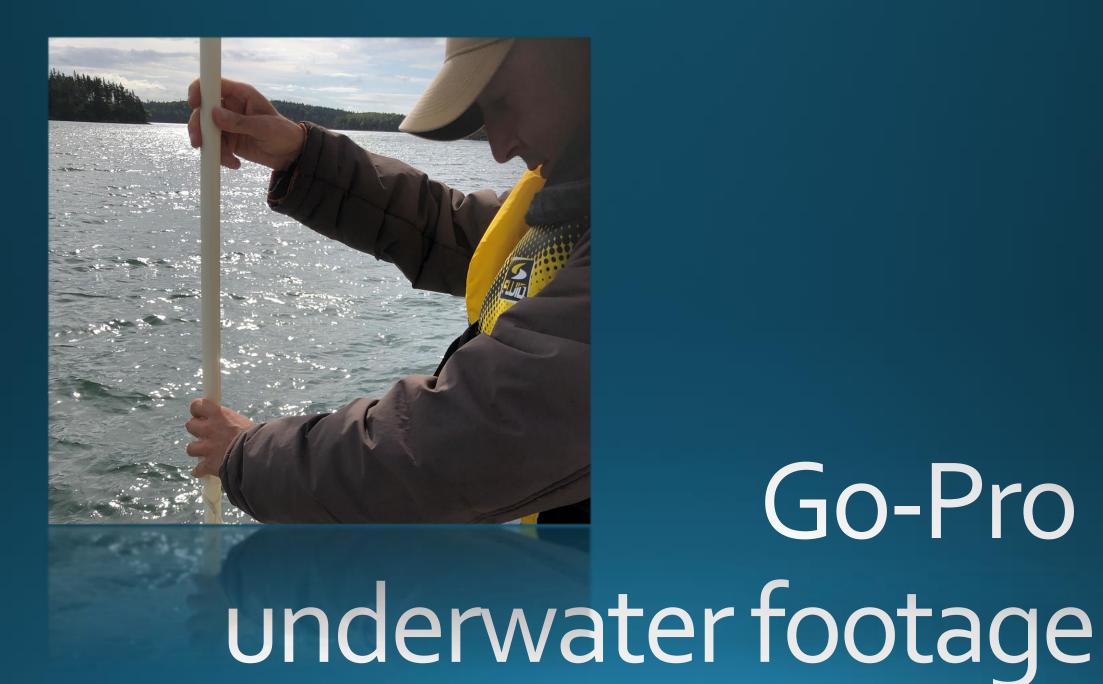


Shellfish Classification

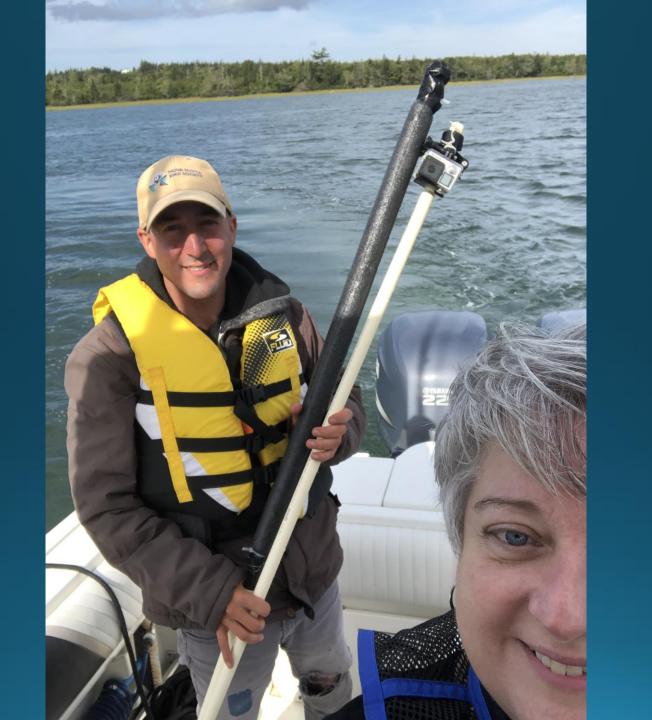


Special and
Significant Wetlands





# Go-Pro







## Eel Grass and the ADA





## Questions?

www.aquacultureargyle.com