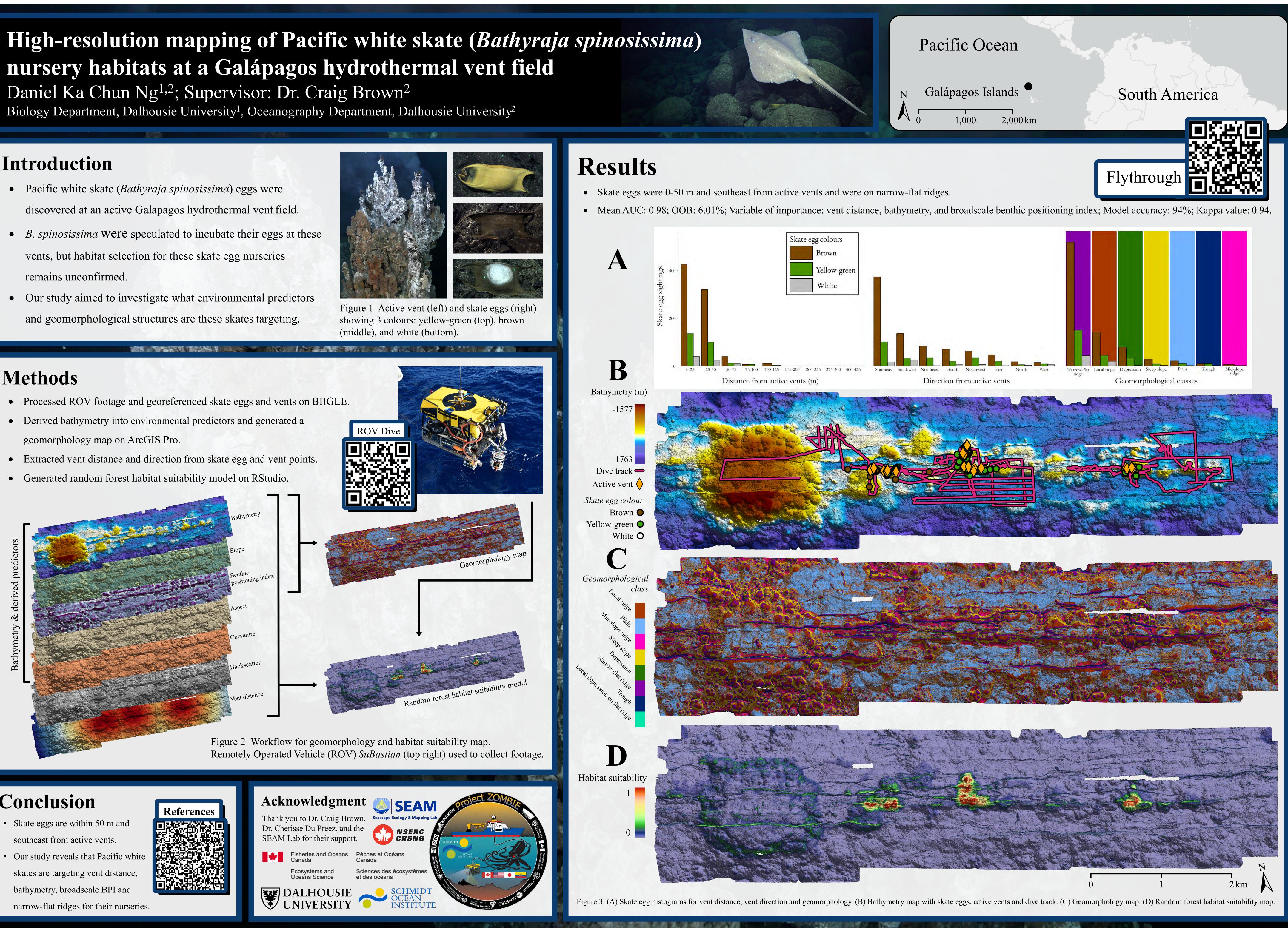
Daniel Ka Chun Ng<sup>1,2</sup>; Supervisor: Dr. Craig Brown<sup>2</sup>

## Introduction

- Pacific white skate (*Bathyraja spinosissima*) eggs were
- *B. spinosissima* were speculated to incubate their eggs at these vents, but habitat selection for these skate egg nurseries remains unconfirmed.
- Our study aimed to investigate what environmental predictors and geomorphological structures are these skates targeting.

## Methods

- Derived bathymetry into environmental predictors and generated a
- Extracted vent distance and direction from skate egg and vent points.



Conclusion

- Skate eggs are within 50 m and southeast from active vents.
- Our study reveals that Pacific white skates are targeting vent distance, bathymetry, broadscale BPI and





