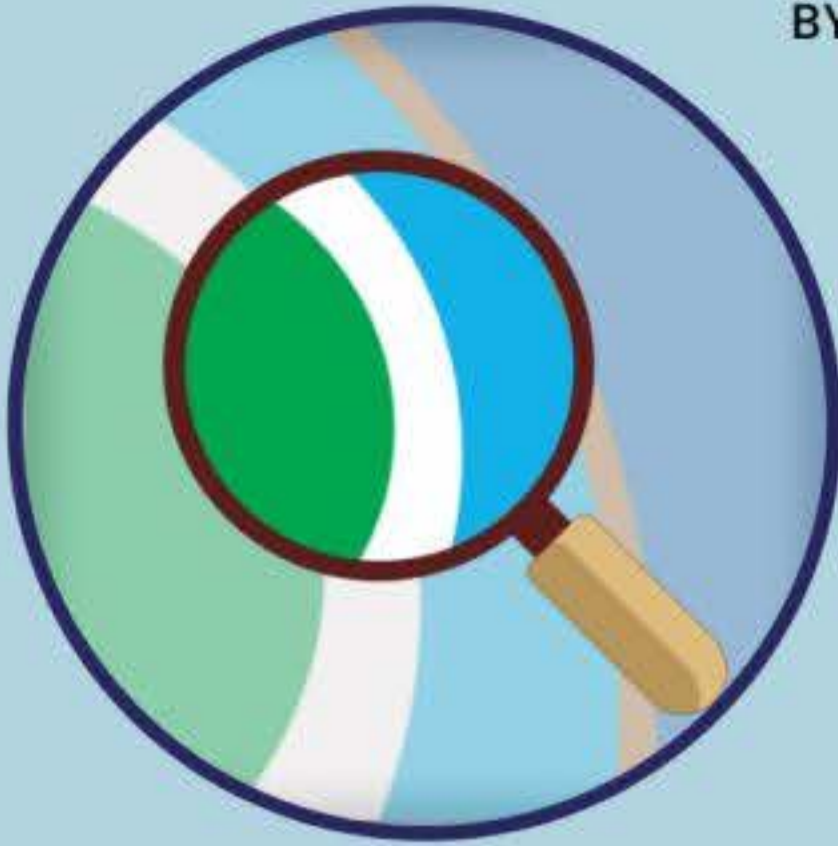




# "HEYLHI" PROJECT

BY SMALL ISLAND GEOGRAPHIC SOCIETY



## INTRODUCTION

- The Maldives remains as one of the most vulnerable countries to the effects of climate change.
- 90% of Inhabited islands have reported Flooding
- 97% Shoreline Erosion
- 64% Seasonal Erosion
- Most of the islands are only 1 meter above sea level

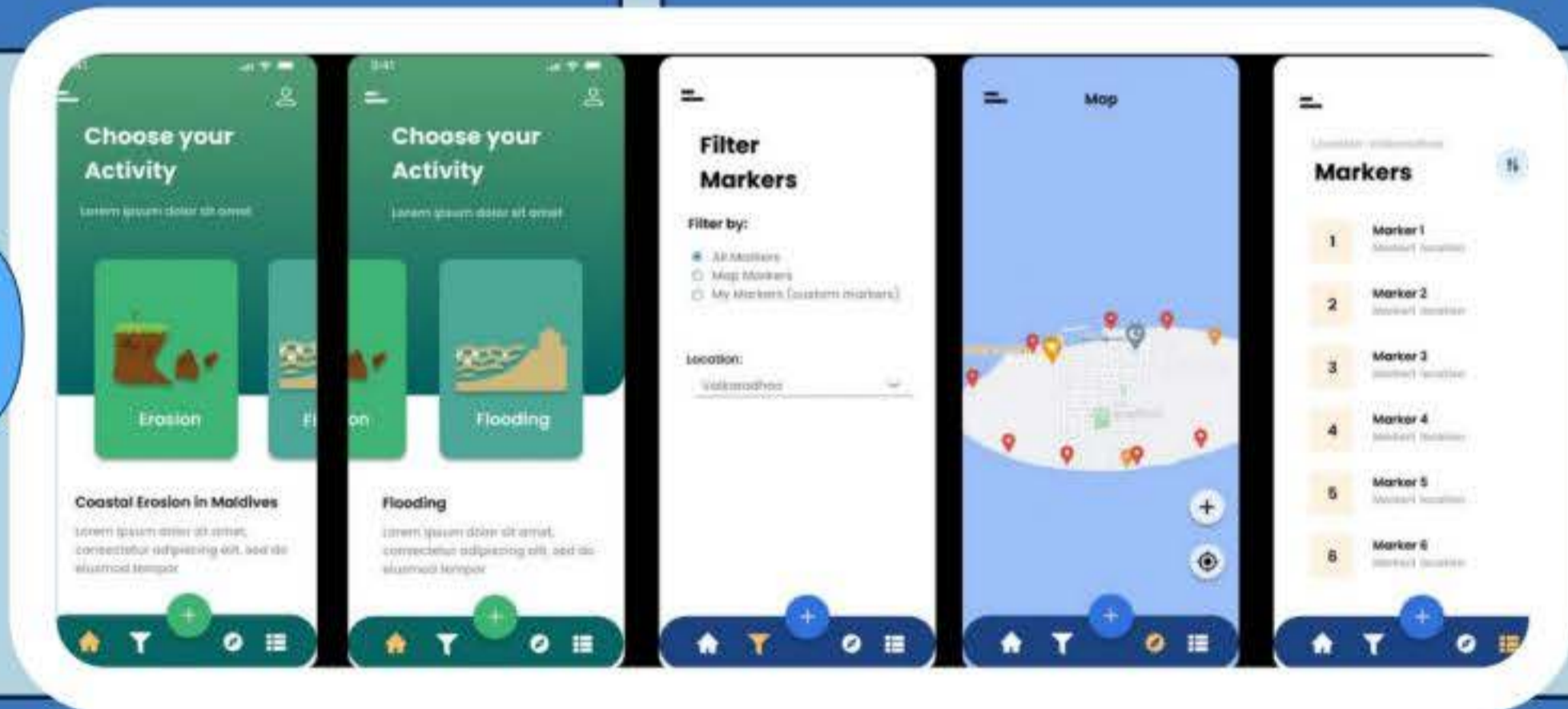
## Problem?

- Our islands, being geographically dispersed makes data collection costly and time consuming.
- Digital technologies has the potential to bridge the gap between the inhabited islands of Maldives.
- 63% of the population used the internet in 2019, a higher proportion that in other South Asian Countries
- Today, we are effectively able to receive and share information on the internet where people can educate, creates awareness, advocate and inform communities.

## Solution!

- OUR SOLUTION is a mobile application that utilizes citizen science where the public will be able to LOG / REPORT / MAP current risk zones that are linked with flooding and coastal erosion in Maldives

## APP Interface



- Through this application, you can select a hazard category (flooding, coastal erosion), upload photos of the site, geo-tag the location, and evaluate the level of risk based on markers that the general public can understand.
- All the data can be viewed either in the form of a report, or through a map view which highlights areas that have been marked by the users.

Gathering data is one part of the app, eventually this data will aid researchers and facilitate evidence based policies that will directly bring a reform to the current adaptation outlook we have about climate vulnerability.