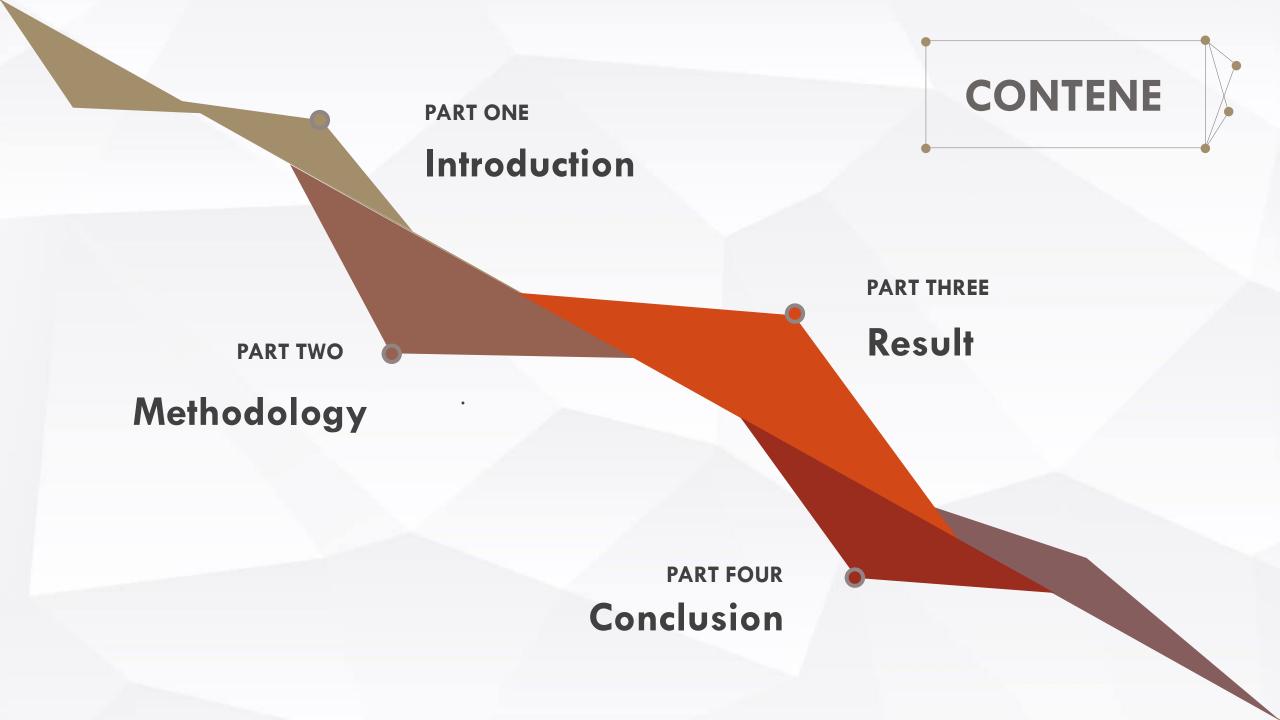
USING REMOTE SENSING IMAGE DATA TO ASSESS FIRE RISK OF ACADIA NATIONAL PARK

> INTRODUCTION TO REMOTE SENSING (GEOG-532-01) PRESENTED BY YALINYANG



# Introduction

Purpose & Study Area

### **Part 1 / The Importance Of Forest**



### **Research Question**

### **General Problem**

Forest fires have brought huge economic losses to mankind. How to prevent forest fires has become a concern for people.

### **Specific Question**

Is the use of land near the forest reasonable? Does the slope of the forest affect the spread of fire? How to influence it?

#### Purpose & Study Area

### **Acadia National Park**

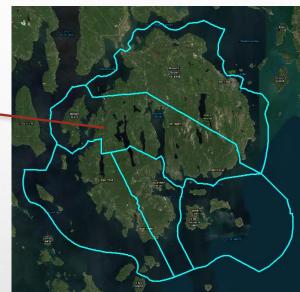
Acadia National Park is a United States national park located in the state of Maine with an area of nearly 47,500 acres.

#### Plants

The Park contains many evergreen trees including spruce, and balsam fir trees. **Wildlife** 

The park is home to some 40 different species of mammalian wildlife. red and gray squirrels, chipmunks, snowshoe, hares. Many other marine species have been observed in the surrounding area and waters

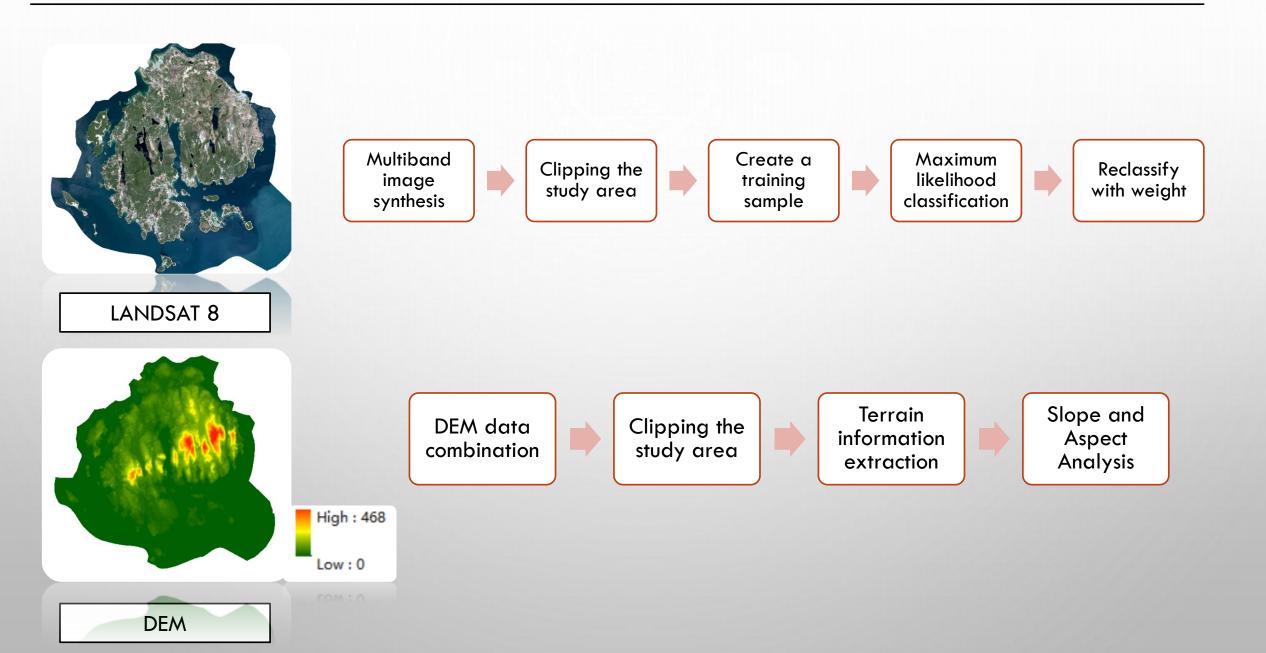


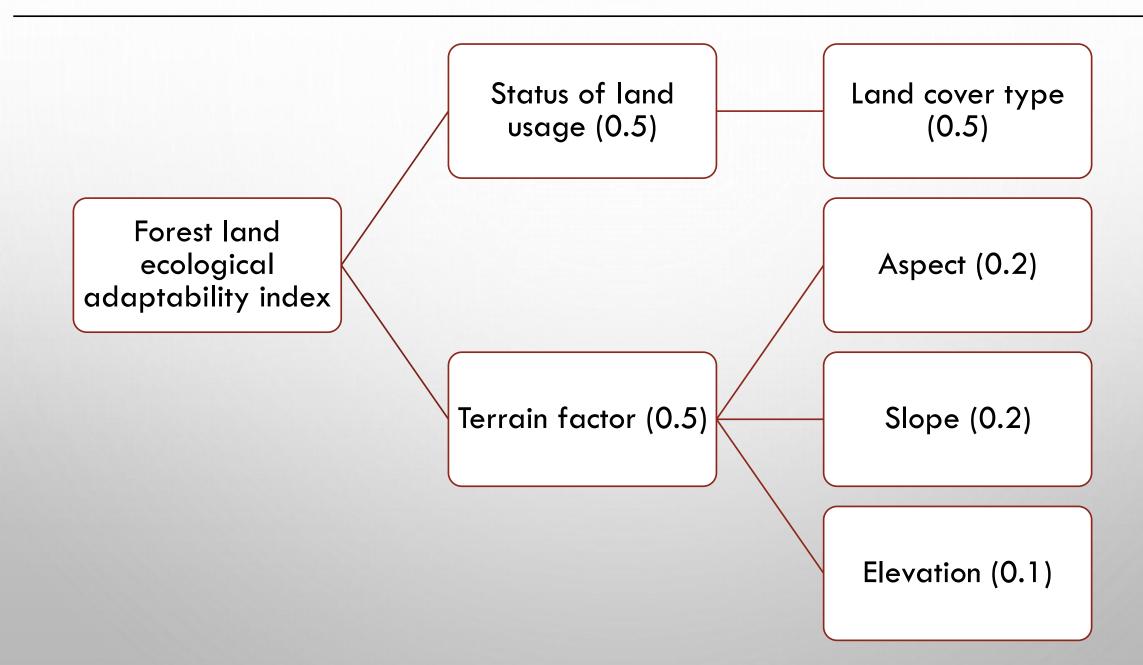


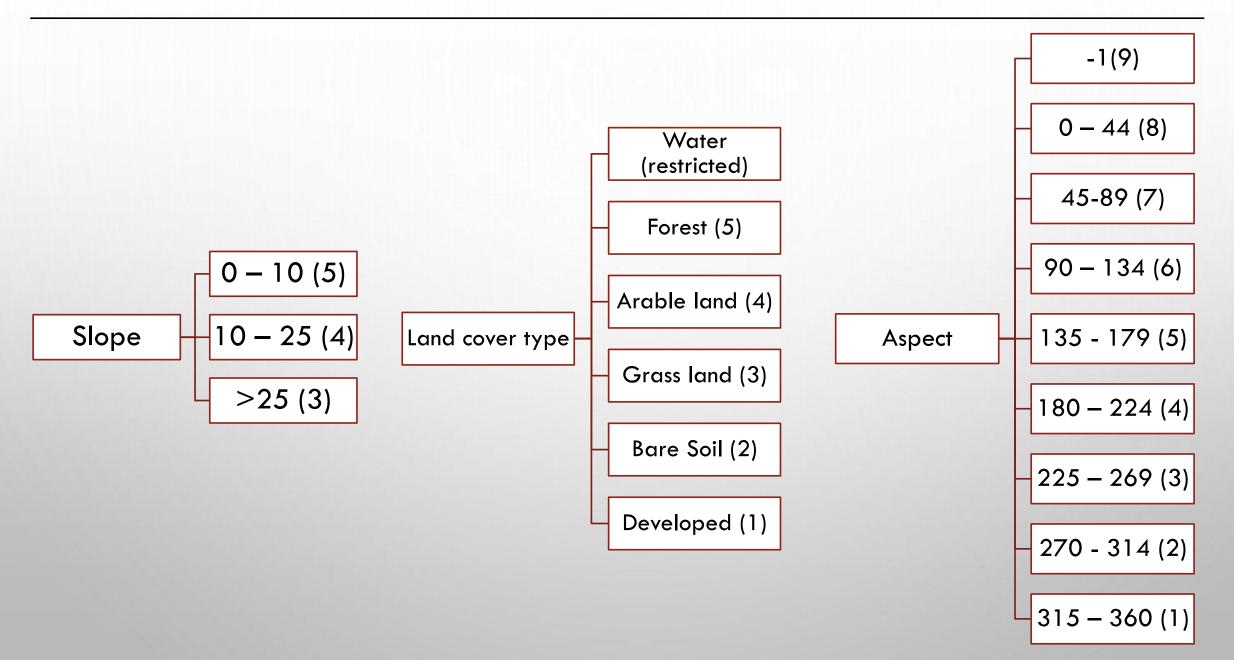


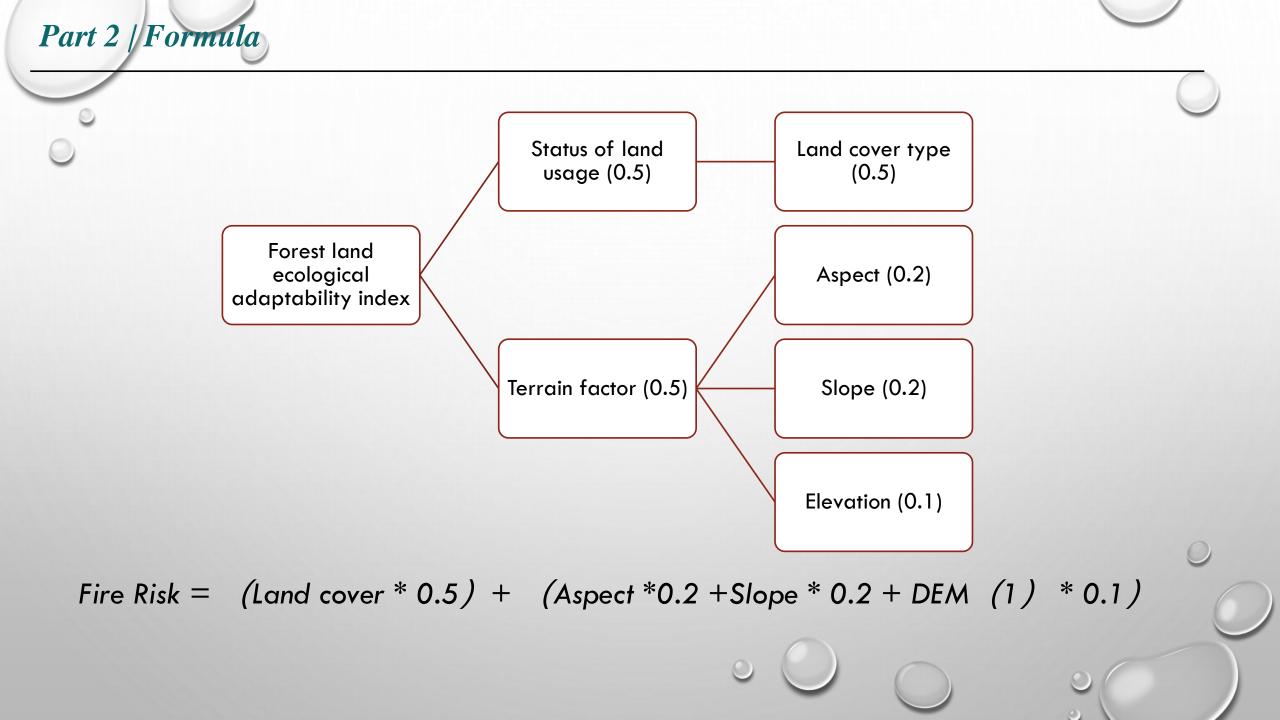
# Methodology Data Portrayal & Analysis

### Part 2 / Work Flow Chart

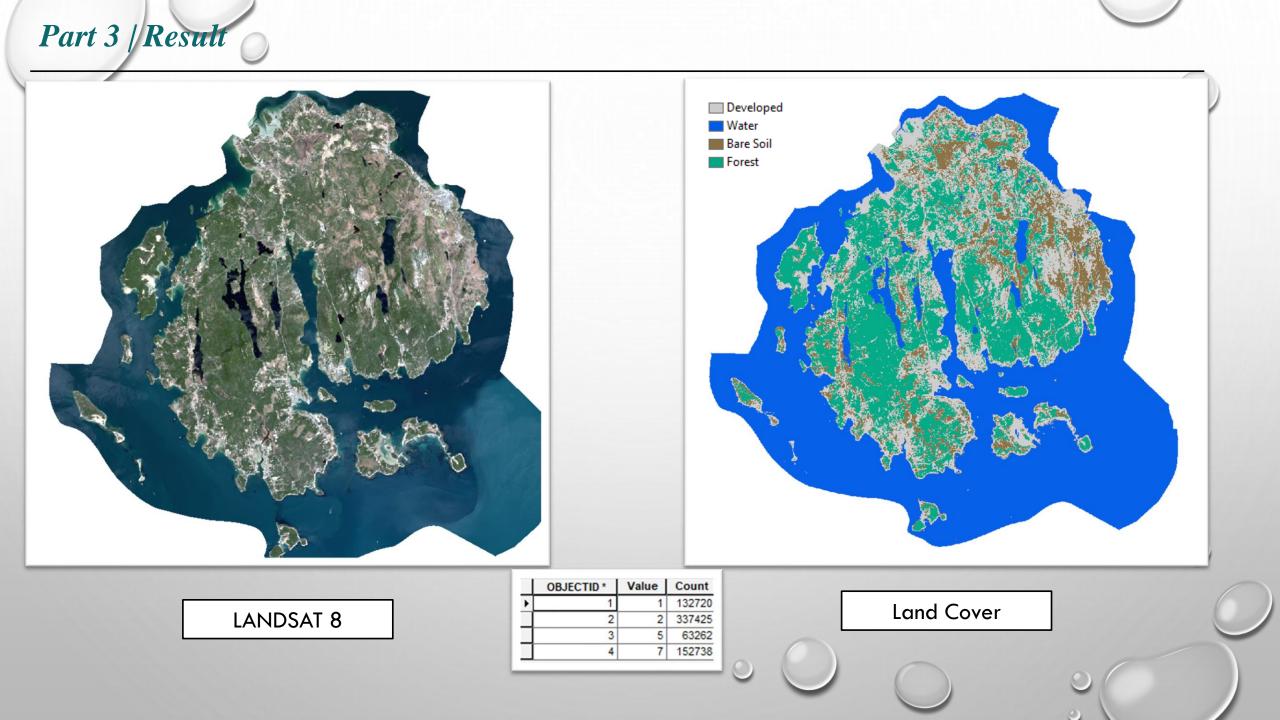


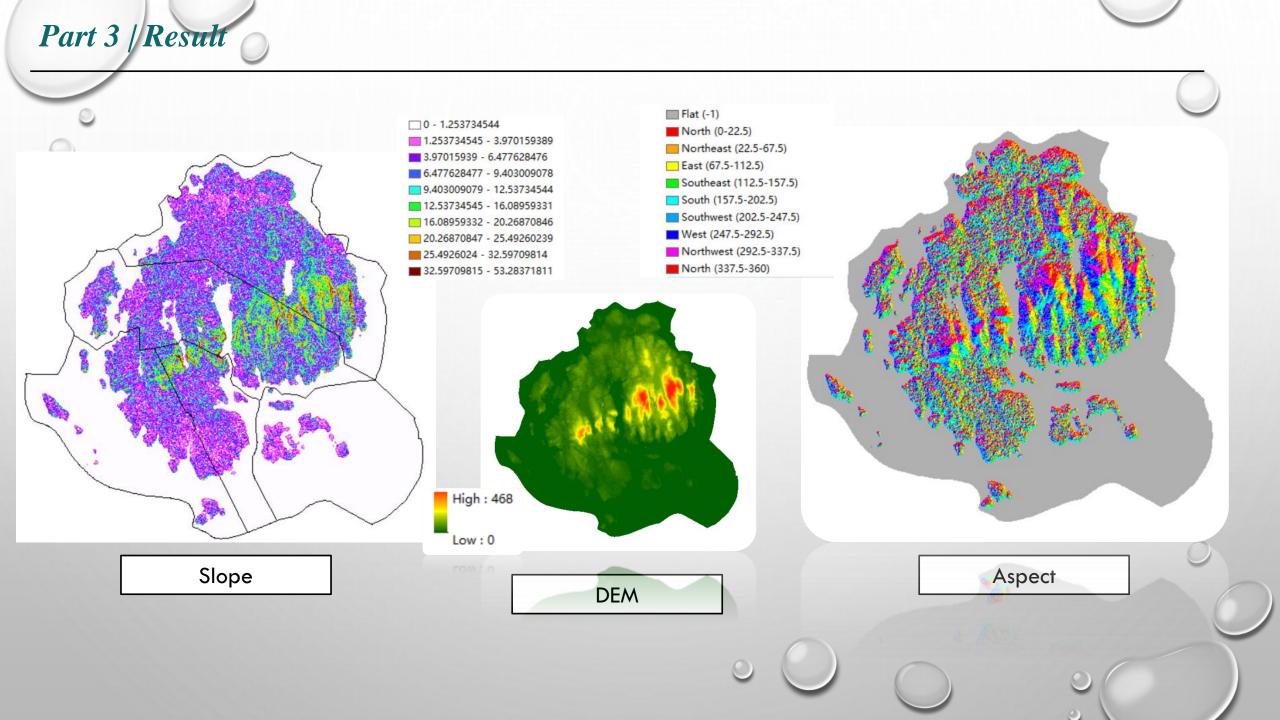






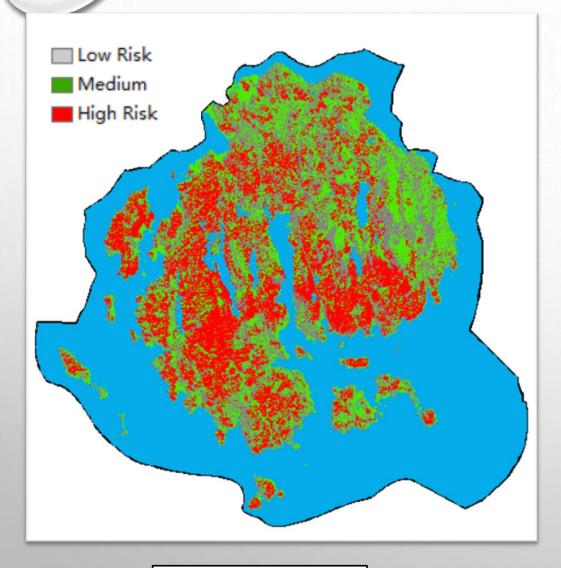
### **Result** Result & Conclusion

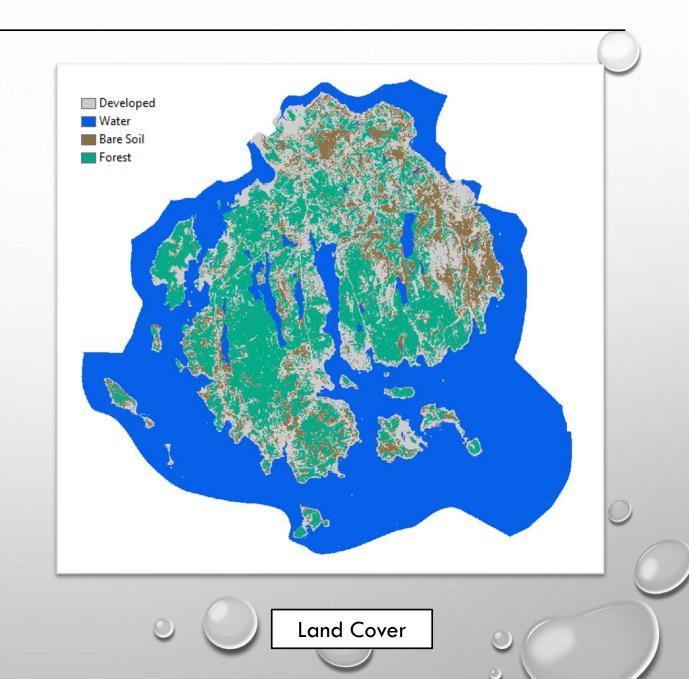




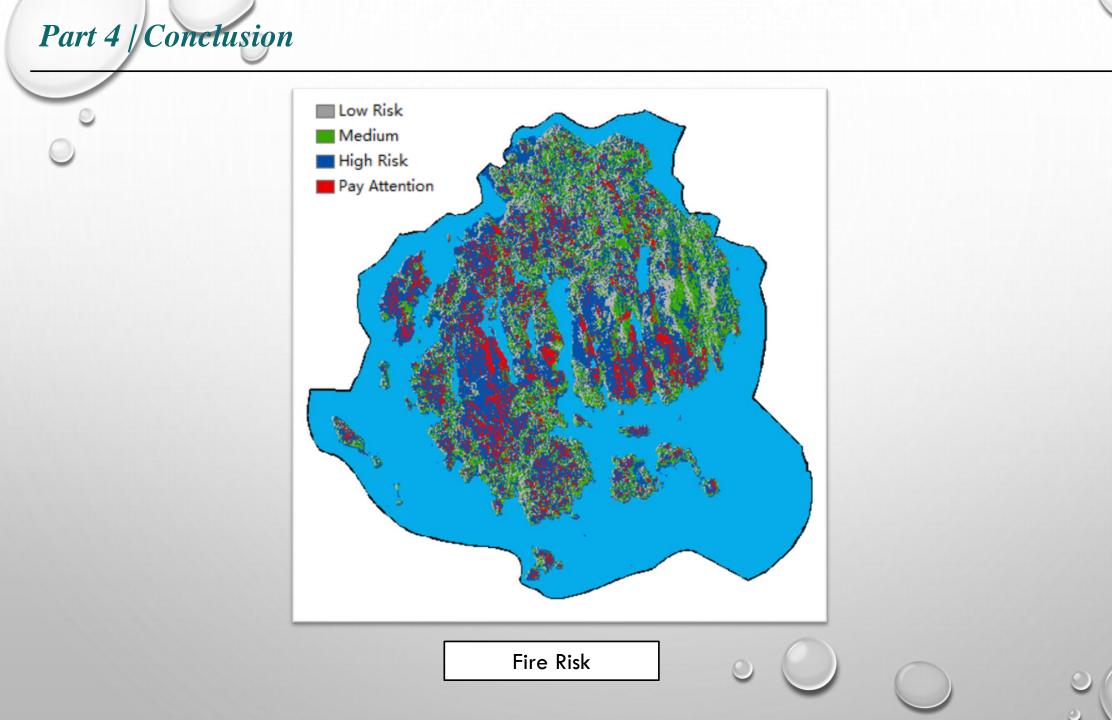
### **Conclusion** Result & Conclusion

Part 4 | Conclusion





Fire Risk





YalinYang