

# CLIMATE CHANGE & HAZARDS RESOURCE PAPER AT A GLANCE

South Maui is a coastal community that is **already feeling the effects of climate change**. **Natural hazards** that used to be less common are **happening more frequently**.

Whether it is tsunamis, sea level rise, droughts or wildfires, this Community Plan update will need to include **concrete strategies to address climate change and natural hazards**.

## Key Challenges



**Chronic flooding**  
**\$3 million in flood damage and loss**  
in the last 20 years



**Erosion and overwash on roadways**  
**1.96 miles of major roadways**  
are affected including  
**major routes in/out of South Maui**



**Economic impacts**  
**\$980.8 million in economic loss**  
predicted from climate change



**Ongoing coastal erosion**  
**304 buildings at risk**  
from coastal erosion



**Changing weather patterns**  
**Average temp increase by 5-6 degrees**  
by the late 21st century



**Wildfires**  
**31,000+ acres burned**  
in and around South Maui since 2006



**Food systems vulnerability**  
**85-90 percent**  
of food comes from off island

## Strategies in this paper include:

- Focus and direct growth outside the 3.2 foot Sea Level Rise Exposure area.
- Encourage green infrastructure and low impact development.
- Conduct vulnerability assessments for critical infrastructure.
- Explore options for beach, wetland and coral reef preservation.
- Develop preservation plans for natural and cultural resources.
- Provide more routes into and out of South Maui during emergencies.
- Encourage local food production.
- Create disaster pre-plans for known hazards.

Learn about strategies to address these challenges and more in our Climate Change & Hazards Resource Paper at <https://southmaui.wearemaui.org>.