

SAMISH PREPARES

OUR PROMISE TO FUTURE GENERATIONS

We want our children and their children to be healthy, prosperous, and enjoy our natural resources and cultural traditions. Working together to identify and prepare for the impacts of a changing climate, we can fulfill this promise for future generations.



The first step in preparing is to understand more about future climate conditions.

We are already seeing changes in our local climate.

These changes are expected to accelerate and become more pronounced in the coming decades. Even if we stop emissions of harmful gases, the excess gases in the atmosphere would still take many decades to escape – as a result, we have 'locked in' changes to our climate for our children and their children.

Our changing climate will affect our natural resources and quality of life in many ways:



WATER RESOURCES



COASTAL FLOODING



NATURE'S BENEFITS



CULTURE



HEALTH

We must act SOON to prepare for these changes.

- ✿ Impacts are already being felt and it takes time to put actions into place.
- ✿ The impacts are local – you and your family are on the “front line”.
- ✿ Even if emissions stabilize, climate change impacts will last many years.
- ✿ Preparation can reduce costs and improve effectiveness.





TEMPERATURE & PRECIPITATION

Temperatures are increasing in all seasons, with the greatest increases in summer temperatures. We expect to experience drier summers, and more frequent and more intense rainfall events.



WATER RESOURCES

Warming temperatures will mean more precipitation will fall as rain and snowpack levels will decline. We expect more frequent and widespread winter and spring flooding, and increasing risk of summer drought.



COASTAL FLOODING

Sea levels are rising, and increasing the risk of coastal flooding. Sea level rise and coastal flooding threaten beach loss and coastal cliff erosion and can cause damage to or loss of traditional sites and resource areas, as well as buildings and infrastructure.



NATURE'S BENEFITS

Many of the plants, animals, and habitats, along with the benefits and cultural significance they provide, are not adapted to the new climate conditions. Shellfish, salmon, and orca are some of the key species that may be impacted.



CULTURE

Changes have the potential to impact traditional foods, cultural resources, and traditional sites that serve as a foundation of Samish cultural life.







HEALTH

Climate change affects the food we eat and the air we breathe. It also leads to extreme weather events, like flooding, droughts, and wildfires. All of these impacts affect human health.

GrFor more information on potential climate change impacts, review the University of Washington's State of Knowledge Report.

We need YOUR input.

-  Help us to identify changes that may already be happening.
-  Identify potential impacts that will affect your family and future generations.
-  Prioritize which impacts are the most important to prepare for.
-  Identify actions that we can take to prepare.

To PROVIDE input: Please contact Stacy Clauson with any comments or questions.



Participate in a survey!



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