



Skagit Climate Science Consortium Overview

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The Skagit Climate Science Consortium is a group of scientists working with local people to assess, plan and adapt to climate related impacts.



As scientists, we see the Skagit Basin as a region that is beginning to see the first impacts of a changing climate.

We see this both through historic data and modeled projections.

SC² VISION

To reduce the vulnerability of human communities and ecosystems in the Skagit River Basin to the impacts of a changing climate.

SC² MISSION

- Foster collaborative scientific research
- Produce relevant climate-related products
- Serve as a conduit between Skagit communities and SC² scientists

SC² OBJECTIVES

- ◉ Identify new scientific information needed to address climate change impacts in the basin
- ◉ Generate research funding to address needs
- ◉ Serve as an objective and non-politically affiliated source of scientific information

SC² OBJECTIVES

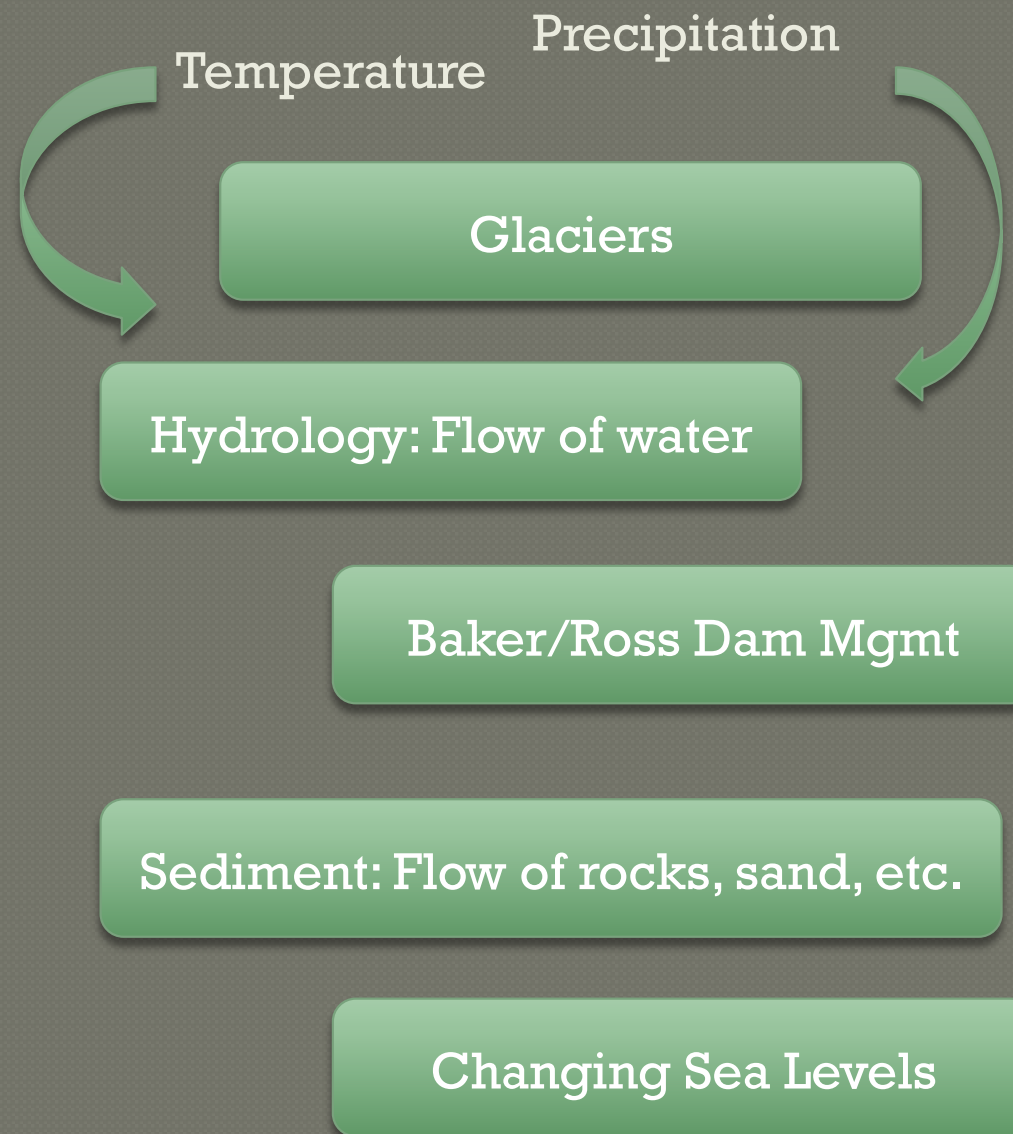
- ◉ Support long-term planning and climate change adaptation by stakeholders in the basin
- ◉ Maintain long-term relationships between scientists and stakeholders in the basin
- ◉ Develop and maintain a web-based “clearing house”

SC² PARTICIPATING ORGANIZATIONS

- ◉ University of Washington
- ◉ Western Washington University
- ◉ US Geological Service
- ◉ National Oceanic & Atmospheric Administration
- ◉ North Cascades National Park
- ◉ Pacific Northwest Laboratories/Battelle
- ◉ The Nature Conservancy
- ◉ Seattle City Light
- ◉ Skagit River System Cooperative
- ◉ Swinomish Indian Tribal Community

SIMPLIFIED RESEARCH MODEL

- Headwaters to Sound
- Skagit specific



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We can provide information and analysis as communities develop strategies and actions to strengthen vulnerable aspects of the community.

WHAT WE DON'T DO

SC² does not advocate certain actions be taken to address any specific vulnerability.

WHAT WE WILL DO

We will provide strategy and action recommendations if requested.

Our main role is to provide transparent, high quality scientific information that decision-makers can act upon if they so choose.

TODAY

We want to hear from you today:

- ◉ What information about flooding do you need?
- ◉ Where do you feel your community is most vulnerable in regard to flooding?
- ◉ What changes have you experienced in your lifetime? Does this seem to match or contradict our science?



We welcome you and thank you for attending our workshop.

We hope it is useful to you.